



# Thomas Research Products

SSL Solutions Faster Than The Speed Of Light™

## LED DRIVER CATALOG



**Plus**

- Surge Protectors
- Step-Dimming Modules
- Transformers



# Thomas Research Products

**SSL Solutions Faster Than The Speed Of Light™**

|                             |            |                            |             |
|-----------------------------|------------|----------------------------|-------------|
| LED Driver Essentials ..... | Page 3     | 96 Watt LED Drivers .....  | Page 12-13  |
| 12 Watt LED Drivers .....   | Page 4     | 100 Watt LED Drivers ..... | Pages 13-14 |
| 17 Watt LED Drivers .....   | Page 4     | 120 Watt LED Drivers ..... | Page 15     |
| 20 Watt LED Drivers .....   | Page 4     | 150 Watt LED Drivers ..... | Pages 16-17 |
| 25 Watt LED Drivers .....   | Page 4-6   | 152 Watt LED Drivers ..... | Pages 17    |
| 30 Watt LED Drivers .....   | Page 6     | 200 Watt LED Drivers ..... | Page 17-18  |
| 40 Watt LED Drivers .....   | Pages 6-7  | 250 Watt LED Drivers ..... | Page 18     |
| 50 Watt LED Drivers .....   | Page 8     | 300 Watt LED Drivers ..... | Page 18     |
| 60 Watt LED Drivers .....   | Page 8-9   | Surge Protectors .....     | Page 19     |
| 75 Watt LED Drivers .....   | Pages 9-11 | Step-dimming Modules ..... | Page 19     |
| 90 Watt LED Drivers .....   | Page 11-12 | Transformers .....         | Page 19     |

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## THOMAS RESEARCH PRODUCTS LIMITED WARRANTY

Thomas Research Products warrants to the Purchaser that its LED drivers, surge protectors, and lighting transformers will be free from defects in material and workmanship and will be of the designated kind and quality for five years from the date of manufacture. All other electronic circuits will be free from defects in material and workmanship and will be of the designated kind and quality for one year from the date of manufacture.

This warranty is not applicable to any circuit not installed and operated in accordance with the current edition of National Electrical Code and Underwriters Laboratories, Inc. Standards for Safety.

If it appears within our circuit warranty period that any circuit does not meet the warranty specified above, the Purchaser must notify in writing by United States mail of its warranty claim and return the circuits promptly at Purchaser's expense to Thomas Research Products. Thomas Research Products shall thereupon at Thomas Research Products expense, make available a repaired or new replacement part.

NO IMPLIED STATUTORY WARRANTY OR IMPLIED STATUTORY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE SHALL APPLY BEYOND THE AFOREMENTIONED CIRCUIT WARRANTY PERIOD. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

The foregoing warranty is exclusive of all other statutory, written or oral warranties and no other warranties of any kind, statutory or otherwise, are given or herein expressed.

### LIMITATIONS OF LIABILITY

UNDER NO CIRCUMSTANCES, WHETHER AS A RESULT OF BREACH OF CONTRACT, BREACH OF WARRANTY, TORT, STRICT LIABILITY OR OTHERWISE WILL THOMAS RESEARCH PRODUCTS BE LIABLE FOR CONSEQUENTIAL, INCIDENTAL, SPECIAL OR EXEMPLARY DAMAGES, INCLUDING, BUT NOT LIMITED TO, LOSS OF PROPERTIES, LOSS OF USE OR DAMAGE TO ANY PROPERTY OR EQUIPMENT, COST OF CAPITAL, COST OF SUBSTITUTE PRODUCTS, FACILITIES OR SERVICES, DOWNTIME COSTS OR CLAIMS OF PURCHASER'S CUSTOMERS. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

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THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.

# LED DRIVER ESSENTIALS

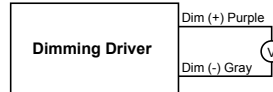
## HOW DO I CHOOSE THE PROPER LED DRIVER FOR MY APPLICATION?

- Identify whether a constant-current or constant-voltage source is required to operate the LEDs in your application
- Identify the number of LEDs used in your application, the drive current and the voltage required
- Identify the maximum wattage load the driver will encounter in your application
  - Choose a driver rated at or just slightly higher than your maximum rated load
  - Make sure the driver's output will operate within its specified range (voltage range for a constant-current driver, or current range for a constant-voltage driver)
- Identify any dimming needs
- Chose a driver from a manufacturer with US operations (sales and engineering support just a phone call away), who can also supply your manufacturing locations worldwide

## WHAT DO I NEED TO KNOW ABOUT DIMMING LED DRIVERS?

- If the application requires dimming, specify a dimmable driver
  - Dimming drivers are designed to allow LEDs to be dimmed down to 10-25% light output, depending on model
  - Dimming drivers operate on 0-10Vdc dimmers only. Some TRP models are compatible with line-voltage dimmers
  - Dimming drivers include a 10V source lead for use with potentiometers. Cap off yellow lead when using a 0-10V dimmer

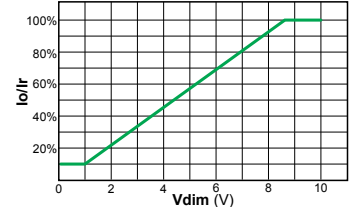
Typical 2 Wire Dimming Circuit



Typical 3 Wire Dimming Circuit



Typical Output Current / Dimming Voltage



## FEATURES OF LED DRIVERS FROM TRP

Long-life LED Drivers from Thomas Research Products represent the latest available technology. Every LED Driver from TRP features:

- **TRUE** 277V input: Universal 120-277V Nom. (90-305V Min/Max), TSC/TSV Series feature 277-480V Nom. Input
- Operate on either 50 or 60 Hz Nom. line-voltage frequency (47-63 Hz Min/Max)
- Single output with constant-current or constant-voltage mode
- UL Recognized in both the US & Canada, many also CE certified
- UL1310, Class 2 compliant or UL8540 as appropriate
- RoHS compliant
- IP66 or IP67 compliant, suitable for damp or dry locations
- Output protection: over-voltage, over-current and short-circuit
- Compact, lightweight UV-rated plastic or aluminum case. Many feature **Black Magic Thermally Advantaged™** housings
- **MUST** be loaded to a minimum of 50% of their rated max power output (wattage) to ensure proper operation
- Power factor  $\geq 0.90$  (Active Power Factor Correction)\*
- Minimum Operating Temperature  $-20^{\circ}\text{C}$  or lower\*
- Operating Frequency  $\geq 120\text{ Hz}^*$
- Meets FCC CFR Part 15 Part A emission limits\*
- Complies with IEEE C.62.41.1-2002 and C.62.41.2-2002 transient protection requirements\*
- Class A sound rating\*
- 5-year warranty, exceeds the Energy Star 3 year warranty requirement\*



\* Nearly all Thomas Research Products LED Drivers meet or exceed the **ENERGY STAR** Program Requirements for SSL Luminaires – Version 1.2

## LED DRIVER PRODUCT FAMILIES FROM TRP

### PREMIUM DRIVERS:

PLED Series 75W- 200W Smaller cases, high performing, Dimming to <10%

### STANDARD DRIVERS:

LED Series 12W-100W Long life, 2-wire dimming, Dimming to 10%  
LEG Series 75W-150W F-Can style enclosures, Dimming to 10%

### VALUE DRIVERS:

TRC/TRV Series 25W-300W Long life, 3-wire dimming, Dimming to <20%  
VLED Series 25W, 40W Low cost, 3-wire dimming, Dimming to <10%

### SPECIALTY DRIVERS:

LED-LE/TE Series 20W, 25W Line Voltage Dimming  
LDC Series 25W DC input  
LEDDC Series 25W, 60W DC or AC input  
TSC/TSV Series 75W- 300W 277-480V input  
TRC-Q Series 152W 4 Channel output

### CUSTOM DRIVERS

TRP analyzes needs, solves problems and produces unique products tailored to meet customer applications. Contact us for details. Designs include:

#### • "Tuned" Output Drivers

Most constant-current drivers can be factory tuned for your specific application. Contact us for details.

#### • Multi-channel Drivers

Multitple output high-wattage drivers, to avoid connecting multiple LED arrays in parallel, which could lead to "current hogging"



# LED DRIVERS

| Series                                                                                                                                                                                 | Constant Current or Voltage | Dimming   | Output Current (mA)<br>(range if CV) | Output Voltage (VDC)<br>(range if CC) | Catalog Number  | Nominal Input Voltage (Vac) | Max Output Power (Watts) | Efficiency | In Stock (typical) |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|-----------|--------------------------------------|---------------------------------------|-----------------|-----------------------------|--------------------------|------------|--------------------|
| <b>12W</b><br>• Standard LED Series<br>• Compact Black Plastic Case<br>• OA: 3.35" x 1.42" x 0.75"<br> | <b>C</b>                    | <b>No</b> | 250                                  | 24-48                                 | LED12W-48-C0250 | 100-277                     | 12                       | 82%        | ●                  |
|                                                                                                                                                                                        |                             |           | 350                                  | 18-36                                 | LED12W-36-C0350 |                             | 12.6                     | 81%        | ●                  |
|                                                                                                                                                                                        |                             |           | 350                                  | 12-24                                 | LED12W-24-C0350 |                             | 8.2                      | 80%        | ●                  |
|                                                                                                                                                                                        |                             |           | 500                                  | 12-24                                 | LED12W-24-C0500 |                             | 12                       | 80%        | ●                  |
|                                                                                                                                                                                        |                             |           | 700                                  | 8-16                                  | LED12W-16-C0700 |                             | 11.2                     | 79%        | ●                  |
|                                                                                                                                                                                        |                             |           | 800                                  | 8-16                                  | LED12W-16-C0800 |                             | 12.8                     | 79%        | ●                  |
|                                                                                                                                                                                        |                             |           | 1000                                 | 6-12                                  | LED12W-12-C1000 |                             | 12                       | 78%        | ●                  |
|                                                                                                                                                                                        | <b>V</b>                    | <b>No</b> | 63-250                               | 48                                    | LED12W-48       | 100-277                     | 12                       | 82%        |                    |
|                                                                                                                                                                                        |                             |           | 88-350                               | 36                                    | LED12W-36       |                             | 12.6                     | 81%        |                    |
|                                                                                                                                                                                        |                             |           | 125-500                              | 24                                    | LED12W-24       |                             | 12                       | 80%        | ●                  |
|                                                                                                                                                                                        |                             |           | 200-800                              | 16                                    | LED12W-16       |                             | 12.8                     | 79%        |                    |
|                                                                                                                                                                                        |                             |           | 250-1000                             | 12                                    | LED12W-12       |                             | 12                       | 78%        | ●                  |

| Series                                                                                                                                                                                 | Constant Current or Voltage | Dimming   | Output Current (mA)<br>(range if CV) | Output Voltage (VDC)<br>(range if CC) | Catalog Number  | Nominal Input Voltage (Vac) | Max Output Power (Watts) | Efficiency | In Stock (typical) |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|-----------|--------------------------------------|---------------------------------------|-----------------|-----------------------------|--------------------------|------------|--------------------|
| <b>17W</b><br>• Standard LED Series<br>• Compact Black Plastic Case<br>• OA: 8.43" x 0.98" x 0.87"<br> | <b>C</b>                    | <b>No</b> | 470                                  | 18-36                                 | LED17W-36-C0470 | 100-277                     | 17                       | 83%        | ●                  |
|                                                                                                                                                                                        |                             |           | 700                                  | 12-24                                 | LED17W-24-C0700 |                             |                          | 82%        | ●                  |
|                                                                                                                                                                                        |                             |           | 1400                                 | 6-12                                  | LED17W-12-C1400 |                             |                          | 82%        |                    |
|                                                                                                                                                                                        | <b>V</b>                    | <b>No</b> | 118-470                              | 36                                    | LED17W-36       | 100-277                     | 17                       | 83%        |                    |
|                                                                                                                                                                                        |                             |           | 175-700                              | 24                                    | LED17W-24       |                             |                          | 82%        | ●                  |
|                                                                                                                                                                                        |                             |           | 350-1400                             | 12                                    | LED17W-12       |                             |                          | 82%        |                    |

| Series                                                                                                                                                                                                          | Constant Current or Voltage | Dimming    | Output Current (mA)<br>(range if CV) | Output Voltage (VDC)<br>(range if CC) | Catalog Number     | Nominal Input Voltage (Vac) | Max Output Power (Watts) | Efficiency | In Stock (typical) |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|------------|--------------------------------------|---------------------------------------|--------------------|-----------------------------|--------------------------|------------|--------------------|
| <b>20W</b><br>• Standard LED Series<br>• Compact Black Plastic Case<br>• OA: 3.74" x 1.61" x 0.98"<br>                         | <b>C</b>                    | <b>No</b>  | 550                                  | 18-36                                 | LED20W-36-C0550    | 100-277                     | 20.0                     | 88%        | ●                  |
|                                                                                                                                                                                                                 |                             |            | 700                                  | 12-24                                 | LED20W-24-C0700    |                             | 16.8                     | 87%        | ●                  |
|                                                                                                                                                                                                                 |                             |            | 830                                  | 12-24                                 | LED20W-24-C0830    |                             | 20.0                     | 88%        |                    |
|                                                                                                                                                                                                                 |                             |            | 910                                  | 12-22                                 | LED20W-22-C0910    |                             | 20.0                     | 87%        |                    |
|                                                                                                                                                                                                                 |                             |            | 1100                                 | 10-18                                 | LED20W-18-C1100    |                             | 20.0                     | 86%        | ●                  |
|                                                                                                                                                                                                                 |                             |            | 1250                                 | 9-17                                  | LED20W-17-C1250    |                             | 20.0                     | 86%        |                    |
|                                                                                                                                                                                                                 |                             |            | 1330                                 | 9-15                                  | LED20W-15-C1330    |                             | 20.0                     | 86%        |                    |
|                                                                                                                                                                                                                 |                             |            | 1540                                 | 7-13                                  | LED20W-13-C1540    |                             | 20.0                     | 85%        |                    |
|                                                                                                                                                                                                                 |                             |            | 1660                                 | 7-12                                  | LED20W-12-C1660    |                             | 20.0                     | 85%        |                    |
|                                                                                                                                                                                                                 | <b>V</b>                    | <b>No</b>  | 2000                                 | 7-10                                  | LED20W-10-C2000    | 100-277                     | 20.0                     | 85%        |                    |
|                                                                                                                                                                                                                 |                             |            | 500-2000                             | 10                                    | LED20W-10          |                             | 20                       | 85%        |                    |
|                                                                                                                                                                                                                 |                             |            | 415-1660                             | 12                                    | LED20W-12          |                             |                          | 85%        | ●                  |
|                                                                                                                                                                                                                 |                             |            | 385-1540                             | 13                                    | LED20W-13          |                             |                          | 85%        |                    |
|                                                                                                                                                                                                                 |                             |            | 333-1330                             | 15                                    | LED20W-15          |                             |                          | 86%        |                    |
|                                                                                                                                                                                                                 |                             |            | 313-1250                             | 17                                    | LED20W-17          |                             |                          | 86%        |                    |
|                                                                                                                                                                                                                 |                             |            | 275-1100                             | 18                                    | LED20W-18          |                             |                          | 86%        |                    |
|                                                                                                                                                                                                                 |                             |            | 228-910                              | 22                                    | LED20W-22          |                             |                          | 87%        |                    |
|                                                                                                                                                                                                                 |                             |            | 208-830                              | 24                                    | LED20W-24          |                             |                          | 87%        | ●                  |
| <b>20W</b><br>• LED-LE/TE Series<br>• Line Voltage Dimming<br>• Compact Black Plastic Case<br>• OA: 3.74" x 1.61" x 0.98"<br> | <b>C</b>                    | <b>INC</b> | 350                                  | 20-40                                 | LED20W-40-C0350-LE | 100-277                     | 14.0                     | 86%        | ●                  |
|                                                                                                                                                                                                                 |                             |            | 500                                  | 20-40                                 | LED20W-40-C0500-LE |                             | 20.0                     | 86%        | ●                  |
|                                                                                                                                                                                                                 |                             |            | 550                                  | 18-36                                 | LED20W-36-C0550-LE |                             | 20.0                     | 88%        |                    |
|                                                                                                                                                                                                                 |                             |            | 700                                  | 14-28                                 | LED20W-28-C0700-LE |                             | 19.6                     | 86%        | ●                  |
|                                                                                                                                                                                                                 |                             |            | 1200                                 | 8-17                                  | LED20W-17-C1200-LE |                             | 20.0                     | 84%        |                    |
|                                                                                                                                                                                                                 |                             |            | 1660                                 | 7-12                                  | LED20W-12-C1660-LE |                             | 20.0                     | 84%        |                    |
|                                                                                                                                                                                                                 | <b>ELV</b>                  |            | 350                                  | 20-40                                 | LED20W-40-C0350-TE | 100-277                     | 14.0                     | 86%        | ●                  |
|                                                                                                                                                                                                                 |                             |            | 500                                  | 20-40                                 | LED20W-40-C0500-TE |                             | 20.0                     | 86%        | ●                  |
|                                                                                                                                                                                                                 |                             |            | 550                                  | 18-36                                 | LED20W-36-C0550-TE |                             | 20.0                     | 88%        |                    |
|                                                                                                                                                                                                                 |                             |            | 700                                  | 14-28                                 | LED20W-28-C0700-TE |                             | 19.6                     | 86%        |                    |
|                                                                                                                                                                                                                 |                             |            | 1200                                 | 8-17                                  | LED20W-17-C1200-TE |                             | 20.0                     | 84%        |                    |
|                                                                                                                                                                                                                 |                             |            | 1660                                 | 7-12                                  | LED20W-12-C1660-TE |                             | 20.0                     | 84%        |                    |

| Series                                                                                                                                                                                  | Constant Current or Voltage | Dimming   | Output Current (mA)<br>(range if CV) | Output Voltage (VDC)<br>(range if CC) | Catalog Number   | Nominal Input Voltage (Vdc) | Max Output Power (Watts) | Efficiency | In Stock (typical) |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|-----------|--------------------------------------|---------------------------------------|------------------|-----------------------------|--------------------------|------------|--------------------|
| <b>25W</b><br>• LDC Series, Black Plastic<br>• DC input, DC output<br>• OA: 3.07" x 3.15" x 0.99"<br> | <b>C</b>                    | <b>No</b> | 350                                  | 36-72                                 | LDC25W-072-C0350 | 12-24                       | 25                       | 90%        |                    |
|                                                                                                                                                                                         |                             |           | 450                                  | 19-56                                 | LDC25W-048-C0450 |                             |                          | 89%        |                    |
|                                                                                                                                                                                         |                             |           | 700                                  | 18-36                                 | LDC25W-036-C0400 |                             |                          | 88%        |                    |
|                                                                                                                                                                                         |                             |           | 1040                                 | 12-24                                 | LDC25W-024-C1040 |                             |                          | 86%        |                    |
|                                                                                                                                                                                         | <b>V</b>                    | <b>No</b> | 88-350                               | 72                                    | LDC25W-072       | 12-24                       | 25                       | 90%        |                    |
|                                                                                                                                                                                         |                             |           | 112-450                              | 56                                    | LDC25W-048       |                             |                          | 89%        |                    |
|                                                                                                                                                                                         |                             |           | 175-700                              | 36                                    | LDC25W-036       |                             |                          | 88%        |                    |
|                                                                                                                                                                                         |                             |           | 260-1040                             | 24                                    | LDC25W-024       |                             |                          | 86%        |                    |

Class 2: US/Canada US Only

# LED DRIVERS

| Series                                                                                                                                                                                                                         | Constant Current or Voltage | Dimming     | Output Current (mA)<br>(range if CV) | Output Voltage (VDC)<br>(range if CC) | Catalog Number       | Nominal Input Voltage (Vac)      | Max Output Power (Watts) | Efficiency | In Stock (typical) |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|-------------|--------------------------------------|---------------------------------------|----------------------|----------------------------------|--------------------------|------------|--------------------|
| <b>25W</b><br>• Standard <b>LED</b> Series<br>• Compact Black Plastic Case<br>• OA: 3.07" x 3.15" x 0.99"<br>                                 | <b>C</b>                    | <b>No</b>   | 350                                  | 24-72                                 | LED25W-72-C0350      | 100-277                          | 25                       | 86%        | ●                  |
|                                                                                                                                                                                                                                |                             |             | 350                                  | 10-28                                 | LED25W-28-C0350      |                                  | 9.8                      | 83%        |                    |
|                                                                                                                                                                                                                                |                             |             | 400                                  | 21-62                                 | LED25W-62-C0400      |                                  | 25                       | 85%        |                    |
|                                                                                                                                                                                                                                |                             |             | 450                                  | 19-56                                 | LED25W-56-C0450      |                                  | 25                       | 84%        |                    |
|                                                                                                                                                                                                                                |                             |             | 500                                  | 13-40                                 | LED25W-40-C0500      |                                  | 20                       | 84%        |                    |
|                                                                                                                                                                                                                                |                             |             | 620                                  | 13-40                                 | LED25W-40-C0620      |                                  | 25                       | 84%        |                    |
|                                                                                                                                                                                                                                |                             |             | 700                                  | 12-36                                 | LED25W-36-C0700      |                                  |                          | 84%        | ●                  |
|                                                                                                                                                                                                                                |                             |             | 850                                  | 10-28                                 | LED25W-28-C0850      |                                  |                          | 83%        | ●                  |
|                                                                                                                                                                                                                                |                             |             | 1040                                 | 8-24                                  | LED25W-24-C1040      |                                  |                          | 83%        | ●                  |
|                                                                                                                                                                                                                                |                             |             | 1250                                 | 7-20                                  | LED25W-20-C1250      |                                  |                          | 83%        | ●                  |
|                                                                                                                                                                                                                                |                             |             | 1400                                 | 6-18                                  | LED25W-18-C1400      |                                  |                          | 82%        | ●                  |
|                                                                                                                                                                                                                                |                             |             | 1560                                 | 6-16                                  | LED25W-16-C1560      |                                  |                          | 82%        | ●                  |
|                                                                                                                                                                                                                                |                             |             | 1750                                 | 5-14                                  | LED25W-14-C1750      |                                  |                          | 82%        |                    |
|                                                                                                                                                                                                                                |                             |             | 2080                                 | 4-12                                  | LED25W-12-C2080      |                                  |                          | 81%        | ●                  |
|                                                                                                                                                                                                                                |                             | <b>0-10</b> | 350                                  | 24-72                                 | LED25W-72-C0350-D    | 100-277                          | 25                       | 86%        | ●                  |
|                                                                                                                                                                                                                                |                             |             | 350                                  | 10-28                                 | LED25W-28-C0350-D    |                                  | 9.8                      | 83%        |                    |
|                                                                                                                                                                                                                                |                             |             | 400                                  | 21-62                                 | LED25W-62-C0400-D    |                                  | 25                       | 85%        |                    |
|                                                                                                                                                                                                                                |                             |             | 450                                  | 19-56                                 | LED25W-56-C0450-D    |                                  | 25                       | 84%        |                    |
|                                                                                                                                                                                                                                |                             |             | 500                                  | 13-40                                 | LED25W-40-C0500-D    |                                  | 20                       | 84%        |                    |
|                                                                                                                                                                                                                                |                             |             | 620                                  | 13-40                                 | LED25W-40-C0620-D    |                                  | 25                       | 84%        |                    |
|                                                                                                                                                                                                                                |                             |             | 700                                  | 12-36                                 | LED25W-36-C0700-D    |                                  |                          | 84%        | ●                  |
|                                                                                                                                                                                                                                |                             |             | 850                                  | 10-28                                 | LED25W-28-C0850-D    |                                  |                          | 83%        |                    |
|                                                                                                                                                                                                                                |                             |             | 1040                                 | 8-24                                  | LED25W-24-C1040-D    |                                  |                          | 83%        | ●                  |
|                                                                                                                                                                                                                                |                             |             | 1250                                 | 7-20                                  | LED25W-20-C1250-D    |                                  |                          | 83%        |                    |
|                                                                                                                                                                                                                                |                             |             | 1400                                 | 6-18                                  | LED25W-18-C1400-D    |                                  |                          | 82%        | ●                  |
|                                                                                                                                                                                                                                | 1560                        | 6-16        | LED25W-16-C1560-D                    | 82%                                   |                      |                                  |                          |            |                    |
|                                                                                                                                                                                                                                | 1750                        | 5-14        | LED25W-14-C1750-D                    | 82%                                   |                      |                                  |                          |            |                    |
|                                                                                                                                                                                                                                | 2080                        | 4-12        | LED25W-12-C2080-D                    | 81%                                   | ●                    |                                  |                          |            |                    |
|                                                                                                                                                                                                                                | <b>V</b>                    | <b>No</b>   | 520-2080                             | 12                                    | LED25W-12            | 100-277                          | 25                       | 81%        | ●                  |
|                                                                                                                                                                                                                                |                             |             | 438-1750                             | 14                                    | LED25W-14            |                                  |                          | 82%        |                    |
|                                                                                                                                                                                                                                |                             |             | 390-1560                             | 16                                    | LED25W-16            |                                  |                          | 82%        |                    |
|                                                                                                                                                                                                                                |                             |             | 360-1400                             | 18                                    | LED25W-18            |                                  |                          | 82%        |                    |
|                                                                                                                                                                                                                                |                             |             | 313-1250                             | 20                                    | LED25W-20            |                                  |                          | 83%        |                    |
|                                                                                                                                                                                                                                |                             |             | 260-1040                             | 24                                    | LED25W-24            |                                  |                          | 83%        | ●                  |
|                                                                                                                                                                                                                                |                             |             | 213-850                              | 28                                    | LED25W-28            |                                  |                          | 83%        |                    |
|                                                                                                                                                                                                                                |                             |             | 175-700                              | 36                                    | LED25W-36            |                                  |                          | 84%        |                    |
|                                                                                                                                                                                                                                |                             |             | 155-620                              | 40                                    | LED25W-40            |                                  |                          | 84%        |                    |
| 113-450                                                                                                                                                                                                                        |                             |             | 56                                   | LED25W-56                             | 84%                  |                                  |                          |            |                    |
| 100-400                                                                                                                                                                                                                        |                             |             | 62                                   | LED25W-62                             | 85%                  |                                  |                          |            |                    |
| 86-350                                                                                                                                                                                                                         |                             |             | 72                                   | LED25W-72                             | 86%                  |                                  |                          |            |                    |
| <b>25W</b><br>• <b>LED-LE/TE</b> Series<br>• <b>Line Voltage Dimming</b><br>• Compact Black Plastic Case<br>• OA: 3.07" x 3.15" x 0.99"<br> | <b>C</b>                    | <b>INC</b>  | 350                                  | 36-72                                 | LED25W-72-C0350-LE   | 100-277                          | 25                       | 86%        |                    |
|                                                                                                                                                                                                                                |                             |             | 520                                  | 24-48                                 | LED25W-48-C0520-LE   |                                  |                          | 85%        |                    |
|                                                                                                                                                                                                                                |                             |             | 700                                  | 18-36                                 | LED25W-36-C0700-LE   |                                  |                          | 84%        | ●                  |
|                                                                                                                                                                                                                                |                             |             | 1040                                 | 12-24                                 | LED25W-24-C1040-LE   |                                  |                          | 83%        | ●                  |
|                                                                                                                                                                                                                                |                             | <b>ELV</b>  | 350                                  | 36-72                                 | LED25W-72-C0350-TE   | 100-277                          | 25                       | 86%        |                    |
|                                                                                                                                                                                                                                |                             |             | 520                                  | 24-48                                 | LED25W-48-C0520-TE   |                                  |                          | 85%        |                    |
|                                                                                                                                                                                                                                |                             |             | 700                                  | 18-36                                 | LED25W-36-C0700-TE   |                                  |                          | 84%        |                    |
|                                                                                                                                                                                                                                |                             |             | 1040                                 | 12-24                                 | LED25W-24-C1040-TE   |                                  |                          | 83%        | ●                  |
| <b>25W</b><br>• <b>LEDDC</b> Series, Black Plastic<br>• <b>AC or DC input, DC output</b><br>• OA: 3.07" x 3.15" x 0.99"                                                                                                        | <b>C</b>                    | <b>No</b>   | 350                                  | 24-72                                 | LEDDC25W-072-C0350   | 100-277 Vac<br>or<br>108-205 Vdc | 25                       | 86%        |                    |
|                                                                                                                                                                                                                                |                             | <b>0-10</b> | 350                                  | 24-72                                 | LEDDC25W-072-C0350-D |                                  |                          | 86%        |                    |
|                                                                                                                                                                                                                                | <b>V</b>                    | <b>No</b>   | 88-350                               | 72                                    | LEDDC25W-072         | 86%                              |                          |            |                    |
| <b>25W</b><br>• Value <b>TRC</b> Series<br>• Compact Black Plastic Case<br>• OA: 3.07" x 3.15" x 0.99"<br>                                  | <b>C</b>                    | <b>No</b>   | 350                                  | 24-72                                 | TRC-025S035PS        | 100-277                          | 25                       | 84%        | ●                  |
|                                                                                                                                                                                                                                |                             |             | 450                                  | 19-56                                 | TRC-025S045PS        |                                  |                          | 84%        | ●                  |
|                                                                                                                                                                                                                                |                             |             | 620                                  | 13-40                                 | TRC-025S062PS        |                                  |                          | 83%        |                    |
|                                                                                                                                                                                                                                |                             |             | 700                                  | 12-36                                 | TRC-025S070PS        |                                  |                          | 83%        | ●                  |
|                                                                                                                                                                                                                                |                             |             | 1050                                 | 8-24                                  | TRC-025S105PS        |                                  |                          | 82%        | ●                  |
|                                                                                                                                                                                                                                |                             |             | 1400                                 | 6-18                                  | TRC-025S140PS        |                                  |                          | 82%        | ●                  |
|                                                                                                                                                                                                                                |                             |             | 1750                                 | 5-14                                  | TRC-025S175PS        |                                  |                          | 80%        | ●                  |
|                                                                                                                                                                                                                                |                             |             | 2080                                 | 4-12                                  | TRC-025S208PS        |                                  |                          | 80%        |                    |
|                                                                                                                                                                                                                                |                             | <b>0-10</b> | 350                                  | 24-72                                 | TRC-025S035DS        | 100-277                          | 25                       | 84%        | ●                  |
|                                                                                                                                                                                                                                |                             |             | 450                                  | 19-56                                 | TRC-025S045DS        |                                  |                          | 84%        |                    |
|                                                                                                                                                                                                                                |                             |             | 620                                  | 13-40                                 | TRC-025S062DS        |                                  |                          | 83%        |                    |
|                                                                                                                                                                                                                                |                             |             | 700                                  | 12-36                                 | TRC-025S070DS        |                                  |                          | 83%        | ●                  |
|                                                                                                                                                                                                                                |                             |             | 1050                                 | 8-24                                  | TRC-025S105DS        |                                  |                          | 82%        | ●                  |
|                                                                                                                                                                                                                                |                             |             | 1400                                 | 6-18                                  | TRC-025S140DS        |                                  |                          | 81%        | ●                  |
|                                                                                                                                                                                                                                |                             |             | 1750                                 | 5-14                                  | TRC-025S175DS        |                                  |                          | 81%        |                    |
|                                                                                                                                                                                                                                |                             |             | 2080                                 | 4-12                                  | TRC-025S208DS        |                                  |                          | 80%        |                    |

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| Series                                                                                                                                                                            | Constant Current or Voltage | Dimming | Output Current (mA)<br>(range if CV) | Output Voltage (VDC)<br>(range if CC) | Catalog Number      | Nominal Input Voltage (Vac) | Max Output Power (Watts) | Efficiency | In Stock (typical) |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|---------|--------------------------------------|---------------------------------------|---------------------|-----------------------------|--------------------------|------------|--------------------|
| <b>25W</b><br>• Value VLED Series<br>• Compact Black Plastic Case<br>• OA: 3.07" x 3.15" x 0.99"  | C                           | No      | 350                                  | 38-75                                 | VLED25W-075-C0350   | 100-277                     | 26                       | 86%        |                    |
|                                                                                                                                                                                   |                             |         | 450                                  | 28-56                                 | VLED25W-056-C0450   |                             |                          | 85%        |                    |
|                                                                                                                                                                                   |                             |         | 700                                  | 19-37                                 | VLED25W-037-C0700   |                             |                          | 85%        |                    |
|                                                                                                                                                                                   |                             |         | 1050                                 | 13-25                                 | VLED25W-025-C1050   |                             |                          | 84%        |                    |
|                                                                                                                                                                                   |                             |         | 1400                                 | 10-19                                 | VLED25W-019-C1400   |                             |                          | 82%        |                    |
|                                                                                                                                                                                   |                             |         | 1750                                 | 8-15                                  | VLED25W-015-C1750   |                             |                          | 81%        |                    |
|                                                                                                                                                                                   |                             | 0-10    | 350                                  | 38-75                                 | VLED25W-075-C0350-D | 100-277                     | 26                       | 86%        |                    |
|                                                                                                                                                                                   |                             |         | 450                                  | 28-56                                 | VLED25W-056-C0450-D |                             |                          | 85%        |                    |
|                                                                                                                                                                                   |                             |         | 700                                  | 19-37                                 | VLED25W-037-C0700-D |                             |                          | 85%        |                    |
|                                                                                                                                                                                   |                             |         | 1050                                 | 13-25                                 | VLED25W-025-C1050-D |                             |                          | 84%        |                    |
|                                                                                                                                                                                   | V                           | No      | 1400                                 | 10-19                                 | VLED25W-019-C1400-D | 100-277                     | 26                       | 82%        |                    |
|                                                                                                                                                                                   |                             |         | 1750                                 | 8-15                                  | VLED25W-015-C1750-D |                             |                          | 81%        |                    |
|                                                                                                                                                                                   |                             |         | 0-1080                               | 24                                    | VLED25W-024         |                             |                          | 84%        |                    |
|                                                                                                                                                                                   |                             |         | 0-720                                | 36                                    | VLED25W-036         |                             |                          | 85%        |                    |
|                                                                                                                                                                                   |                             |         | 0-540                                | 48                                    | VLED25W-048         |                             |                          | 86%        |                    |

| Series                                                                                                                                                                              | Constant Current or Voltage | Dimming | Output Current (mA)<br>(range if CV) | Output Voltage (VDC)<br>(range if CC) | Catalog Number    | Nominal Input Voltage (Vac) | Max Output Power (Watts) | Efficiency | In Stock (typical) |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|---------|--------------------------------------|---------------------------------------|-------------------|-----------------------------|--------------------------|------------|--------------------|
| <b>30W</b><br>• Standard LED Series<br>• Compact Black Plastic Case<br>• OA: 5.31" x 1.69" x 0.98"  | C                           | No      | 350                                  | 28-85                                 | LED30W-85-C0350   | 100-277                     | 29.8                     | 88%        | ●                  |
|                                                                                                                                                                                     |                             |         | 400                                  | 25-75                                 | LED30W-75-C0400   |                             | 30.0                     | 87%        |                    |
|                                                                                                                                                                                     |                             |         | 450                                  | 22-66                                 | LED30W-66-C0450   |                             | 29.7                     | 87%        | ●                  |
|                                                                                                                                                                                     |                             |         | 700                                  | 14-42                                 | LED30W-42-C0700   |                             | 29.4                     | 87%        | ●                  |
|                                                                                                                                                                                     |                             |         | 830                                  | 12-36                                 | LED30W-36-C0830   |                             | 29.9                     | 87%        |                    |
|                                                                                                                                                                                     |                             |         | 1250                                 | 8-24                                  | LED30W-24-C1250   |                             | 30.0                     | 86%        |                    |
|                                                                                                                                                                                     |                             |         | 1660                                 | 6-18                                  | LED30W-18-C1660   |                             | 29.8                     | 85%        | ●                  |
|                                                                                                                                                                                     |                             |         | 2500                                 | 4-12                                  | LED30W-12-C2500   |                             | 30.0                     | 85%        |                    |
|                                                                                                                                                                                     |                             | 0-10    | 350                                  | 28-85                                 | LED30W-85-C0350-D | 100-277                     | 29.8                     | 88%        | ●                  |
|                                                                                                                                                                                     |                             |         | 400                                  | 25-75                                 | LED30W-75-C0400-D |                             | 30.0                     | 87%        |                    |
|                                                                                                                                                                                     |                             |         | 450                                  | 22-66                                 | LED30W-66-C0450-D |                             | 29.7                     | 87%        |                    |
|                                                                                                                                                                                     |                             |         | 700                                  | 14-42                                 | LED30W-42-C0700-D |                             | 29.4                     | 87%        | ●                  |
|                                                                                                                                                                                     |                             |         | 830                                  | 12-36                                 | LED30W-36-C0830-D |                             | 29.9                     | 87%        |                    |
|                                                                                                                                                                                     |                             |         | 1250                                 | 8-24                                  | LED30W-24-C1250-D |                             | 30.0                     | 86%        | ●                  |
|                                                                                                                                                                                     |                             |         | 1660                                 | 6-18                                  | LED30W-18-C1660-D |                             | 29.8                     | 85%        |                    |
|                                                                                                                                                                                     |                             |         | 2500                                 | 4-12                                  | LED30W-12-C2500-D |                             | 30.0                     | 85%        |                    |
|                                                                                                                                                                                     | V                           | No      | 625-2500                             | 12                                    | LED30W-12         | 100-277                     | 30                       | 84%        | ●                  |
|                                                                                                                                                                                     |                             |         | 415-1660                             | 18                                    | LED30W-18         |                             |                          | 85%        |                    |
|                                                                                                                                                                                     |                             |         | 313-1250                             | 24                                    | LED30W-24         |                             |                          | 85%        | ●                  |
|                                                                                                                                                                                     |                             |         | 208-830                              | 36                                    | LED30W-36         |                             |                          | 86%        |                    |
|                                                                                                                                                                                     |                             |         | 175-700                              | 42                                    | LED30W-42         |                             |                          | 87%        |                    |
|                                                                                                                                                                                     |                             |         | 113-450                              | 66                                    | LED30W-66         |                             |                          | 87%        |                    |
|                                                                                                                                                                                     |                             |         | 100-400                              | 75                                    | LED30W-75         |                             |                          | 87%        |                    |
|                                                                                                                                                                                     |                             |         | 88-350                               | 85                                    | LED30W-85         |                             |                          | 88%        |                    |

| Series                                                                                                                                                                                | Constant Current or Voltage | Dimming | Output Current (mA)<br>(range if CV) | Output Voltage (VDC)<br>(range if CC) | Catalog Number   | Nominal Input Voltage (Vac) | Max Output Power (Watts) | Efficiency | In Stock (typical) |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|---------|--------------------------------------|---------------------------------------|------------------|-----------------------------|--------------------------|------------|--------------------|
| <b>40W</b><br>• Standard LED Series<br>• Compact Black Plastic Case<br>• OA: 3.74" x 2.76" x 1.26"  | C                           | No      | 350                                  | 38-114                                | LED40W-114-C0350 | 100-277                     | 40.0                     | 87%        | ●                  |
|                                                                                                                                                                                       |                             |         | 400                                  | 33-100                                | LED40W-100-C0400 |                             | 40.0                     | 87%        |                    |
|                                                                                                                                                                                       |                             |         | 450                                  | 30-89                                 | LED40W-089-C0450 |                             | 40.0                     | 87%        | ●                  |
|                                                                                                                                                                                       |                             |         | 700                                  | 18-54                                 | LED40W-054-C0700 |                             | 37.8                     | 86%        | ●                  |
|                                                                                                                                                                                       |                             |         | 830                                  | 16-48                                 | LED40W-048-C0830 |                             | 40.0                     | 86%        |                    |
|                                                                                                                                                                                       |                             |         | 900                                  | 15-45                                 | LED40W-045-C0900 |                             | 40.0                     | 86%        |                    |
|                                                                                                                                                                                       |                             |         | 1100                                 | 12-36                                 | LED40W-036-C1100 |                             | 40.0                     | 86%        | ●                  |
|                                                                                                                                                                                       |                             |         | 1300                                 | 10-30                                 | LED40W-030-C1300 |                             | 39.0                     | 86%        |                    |
|                                                                                                                                                                                       |                             |         | 1400                                 | 8-24                                  | LED40W-024-C1400 |                             | 33.6                     | 86%        | ●                  |
|                                                                                                                                                                                       |                             |         | 1670                                 | 8-24                                  | LED40W-024-C1670 |                             | 40.0                     | 86%        | ●                  |
|                                                                                                                                                                                       |                             |         | 1820                                 | 7-22                                  | LED40W-022-C1820 |                             | 40.0                     | 86%        | ●                  |
|                                                                                                                                                                                       |                             |         | 2200                                 | 6-18                                  | LED40W-018-C2200 |                             | 40.0                     | 85%        |                    |
|                                                                                                                                                                                       |                             |         | 2680                                 | 5-15                                  | LED40W-015-C2680 |                             | 40.0                     | 85%        |                    |
|                                                                                                                                                                                       |                             |         | 3080                                 | 4-13                                  | LED40W-013-C3080 |                             | 40.0                     | 85%        |                    |
|                                                                                                                                                                                       |                             |         | 3330                                 | 4-12                                  | LED40W-012-C3330 |                             | 40.0                     | 84%        |                    |
|                                                                                                                                                                                       |                             |         | 4000                                 | 3-10                                  | LED40W-010-C4000 |                             | 40.0                     | 84%        |                    |
|                                                                                                                                                                                       |                             |         | 4450                                 | 3-9                                   | LED40W-009-C4450 |                             | 40.0                     | 83%        |                    |

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# LED DRIVERS

| Series                                                                                                                                                                                  | Constant Current or Voltage | Dimming     | Output Current (mA)<br>(range if CV) | Output Voltage (VDC)<br>(range if CC) | Catalog Number      | Nominal Input Voltage (Vac) | Max Output Power (Watts) | Efficiency | In Stock (typical) |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|-------------|--------------------------------------|---------------------------------------|---------------------|-----------------------------|--------------------------|------------|--------------------|
| <b>40W</b><br>• Standard LED Series<br>• Compact Black Plastic Case<br>• OA: 3.74" x 2.76" x 1.26"<br> | <b>C</b>                    | <b>0-10</b> | 350                                  | 38-114                                | LED40W-114-C0350-D  | 100-277                     | 40.0                     | 87%        | ●                  |
|                                                                                                                                                                                         |                             |             | 400                                  | 33-100                                | LED40W-100-C0400-D  |                             | 40.0                     | 87%        |                    |
|                                                                                                                                                                                         |                             |             | 450                                  | 30-89                                 | LED40W-089-C0450-D  |                             | 40.0                     | 87%        | ●                  |
|                                                                                                                                                                                         |                             |             | 700                                  | 18-54                                 | LED40W-054-C0700-D  |                             | 37.8                     | 86%        | ●                  |
|                                                                                                                                                                                         |                             |             | 830                                  | 16-48                                 | LED40W-048-C0830-D  |                             | 40.0                     | 86%        |                    |
|                                                                                                                                                                                         |                             |             | 900                                  | 15-45                                 | LED40W-045-C0900-D  |                             | 40.0                     | 86%        |                    |
|                                                                                                                                                                                         |                             |             | 1100                                 | 12-36                                 | LED40W-036-C1100-D  |                             | 40.0                     | 86%        | ●                  |
|                                                                                                                                                                                         |                             |             | 1300                                 | 10-30                                 | LED40W-030-C1300-D  |                             | 39.0                     | 86%        | ●                  |
|                                                                                                                                                                                         |                             |             | 1400                                 | 8-24                                  | LED40W-024-C1400-D  |                             | 33.6                     | 86%        | ●                  |
|                                                                                                                                                                                         |                             |             | 1670                                 | 8-24                                  | LED40W-024-C1670-D  |                             | 40.0                     | 86%        | ●                  |
|                                                                                                                                                                                         |                             |             | 1820                                 | 7-22                                  | LED40W-022-C1820-D  |                             | 40.0                     | 86%        | ●                  |
|                                                                                                                                                                                         |                             |             | 2200                                 | 6-18                                  | LED40W-018-C2200-D  |                             | 40.0                     | 85%        |                    |
|                                                                                                                                                                                         |                             |             | 2680                                 | 5-15                                  | LED40W-015-C2680-D  |                             | 40.0                     | 85%        |                    |
|                                                                                                                                                                                         |                             |             | 3080                                 | 4-13                                  | LED40W-013-C3080-D  |                             | 40.0                     | 85%        |                    |
|                                                                                                                                                                                         |                             |             | 3330                                 | 4-12                                  | LED40W-012-C3330-D  |                             | 40.0                     | 84%        |                    |
|                                                                                                                                                                                         |                             |             | 4000                                 | 3-10                                  | LED40W-010-C4000-D  |                             | 40.0                     | 84%        |                    |
|                                                                                                                                                                                         |                             |             | 4450                                 | 3-9                                   | LED40W-009-C4450-D  |                             | 40.0                     | 83%        |                    |
|                                                                                                                                                                                         | <b>V</b>                    | <b>No</b>   | 1113-4450                            | 9                                     | LED40W-009          | 100-277                     | 40.0                     | 83%        | ●                  |
|                                                                                                                                                                                         |                             |             | 1000-4000                            | 10                                    | LED40W-010          |                             | 40.0                     | 84%        |                    |
|                                                                                                                                                                                         |                             |             | 833-3330                             | 12                                    | LED40W-012          |                             | 40.0                     | 84%        | ●                  |
|                                                                                                                                                                                         |                             |             | 770-3080                             | 13                                    | LED40W-013          |                             | 40.0                     | 85%        |                    |
|                                                                                                                                                                                         |                             |             | 670-2680                             | 15                                    | LED40W-015          |                             | 40.0                     | 85%        |                    |
|                                                                                                                                                                                         |                             |             | 550-2200                             | 18                                    | LED40W-018          |                             | 40.0                     | 85%        |                    |
|                                                                                                                                                                                         |                             |             | 455-1820                             | 22                                    | LED40W-022          |                             | 40.0                     | 86%        |                    |
|                                                                                                                                                                                         |                             |             | 418-1670                             | 24                                    | LED40W-024          |                             | 40.0                     | 86%        | ●                  |
|                                                                                                                                                                                         |                             |             | 325-1300                             | 30                                    | LED40W-030          |                             | 39.0                     | 86%        |                    |
|                                                                                                                                                                                         |                             |             | 275-1100                             | 36                                    | LED40W-036          |                             | 40.0                     | 86%        |                    |
|                                                                                                                                                                                         |                             |             | 225-900                              | 45                                    | LED40W-045          |                             | 40.0                     | 86%        |                    |
|                                                                                                                                                                                         |                             |             | 208-830                              | 48                                    | LED40W-048          |                             | 40.0                     | 86%        |                    |
|                                                                                                                                                                                         |                             |             | 175-700                              | 54                                    | LED40W-054          |                             | 37.8                     | 86%        |                    |
|                                                                                                                                                                                         |                             |             | 113-450                              | 89                                    | LED40W-089          |                             | 40.0                     | 87%        |                    |
|                                                                                                                                                                                         |                             |             | 100-400                              | 100                                   | LED40W-100          |                             | 40.0                     | 87%        |                    |
| <b>40W</b><br>• Value TRC Series<br>• Compact Black Plastic Case<br>• OA: 3.74" x 2.76" x 1.26"<br>  | <b>C</b>                    | <b>No</b>   | 350                                  | 38-114                                | TRC-040S035PS       | 100-277                     | 40.0                     | 88%        |                    |
|                                                                                                                                                                                         |                             |             | 450                                  | 30-89                                 | TRC-040S045PS       |                             | 38.0                     | 88%        |                    |
|                                                                                                                                                                                         |                             |             | 700                                  | 18-54                                 | TRC-040S070PS       |                             | 40.0                     | 87%        | ●                  |
|                                                                                                                                                                                         |                             |             | 1050                                 | 12-36                                 | TRC-040S105PS       |                             | 38.0                     | 87%        |                    |
|                                                                                                                                                                                         |                             |             | 1200                                 | 10-25                                 | TRC-040S120PS       |                             | 30.0                     | 87%        | ●                  |
|                                                                                                                                                                                         |                             |             | 1280                                 | 10-29                                 | TRC-040S128PS       |                             | 38.0                     | 87%        |                    |
|                                                                                                                                                                                         |                             |             | 1400                                 | 10-25                                 | TRC-040S140PS       |                             | 38.0                     | 87%        | ●                  |
|                                                                                                                                                                                         |                             |             | 1660                                 | 8-23                                  | TRC-040S166PS       |                             | 38.0                     | 86%        |                    |
|                                                                                                                                                                                         |                             |             | 2220                                 | 6-16                                  | TRC-040S222PS       |                             | 36.0                     | 85%        |                    |
|                                                                                                                                                                                         |                             |             | 3330                                 | 4-11                                  | TRC-040S333PS       |                             | 35.0                     | 84%        |                    |
|                                                                                                                                                                                         |                             | <b>0-10</b> | 350                                  | 38-114                                | TRC-040S035DS       | 100-277                     | 40.0                     | 88%        |                    |
|                                                                                                                                                                                         |                             |             | 450                                  | 30-89                                 | TRC-040S045DS       |                             | 38.0                     | 88%        |                    |
|                                                                                                                                                                                         |                             |             | 700                                  | 18-54                                 | TRC-040S070DS       |                             | 40.0                     | 87%        | ●                  |
|                                                                                                                                                                                         |                             |             | 1050                                 | 12-36                                 | TRC-040S105DS       |                             | 38.0                     | 87%        | ●                  |
|                                                                                                                                                                                         |                             |             | 1280                                 | 10-29                                 | TRC-040S128DS       |                             | 36.0                     | 87%        |                    |
|                                                                                                                                                                                         |                             |             | 1400                                 | 10-25                                 | TRC-040S140DS       |                             | 38.0                     | 87%        |                    |
|                                                                                                                                                                                         |                             |             | 1660                                 | 8-23                                  | TRC-040S166DS       |                             | 38.0                     | 86%        | ●                  |
|                                                                                                                                                                                         |                             |             | 2220                                 | 6-16                                  | TRC-040S222DS       |                             | 36.0                     | 85%        |                    |
|                                                                                                                                                                                         |                             |             | 3330                                 | 4-11                                  | TRC-040S333DS       |                             | 35.0                     | 84%        |                    |
| <b>40W</b><br>• Value VLED Series<br>• Compact Black Plastic Case<br>• OA: 3.74" x 2.76" x 1.26"<br> | <b>C</b>                    | <b>No</b>   | 350                                  | 60-120                                | VLED40W-120-C0350   | 100-277                     | 42                       | 90%        |                    |
|                                                                                                                                                                                         |                             |             | 450                                  | 47-94                                 | VLED40W-094-C0450   |                             | 42                       | 89%        |                    |
|                                                                                                                                                                                         |                             |             | 700                                  | 28-56                                 | VLED40W-056-C0700   |                             | 39                       | 89%        |                    |
|                                                                                                                                                                                         |                             |             | 1050                                 | 20-38                                 | VLED40W-038-C1050   |                             | 40                       | 88%        |                    |
|                                                                                                                                                                                         |                             |             | 1280                                 | 17-32                                 | VLED40W-032-C1280   |                             | 42                       | 87%        |                    |
|                                                                                                                                                                                         |                             |             | 1400                                 | 15-30                                 | VLED40W-030-C1400   |                             | 42                       | 87%        |                    |
|                                                                                                                                                                                         |                             |             | 1750                                 | 12-24                                 | VLED40W-024-C1750   |                             | 42                       | 87%        |                    |
|                                                                                                                                                                                         |                             | <b>0-10</b> | 350                                  | 60-120                                | VLED40W-120-C0350-D | 100-277                     | 42                       | 90%        |                    |
|                                                                                                                                                                                         |                             |             | 450                                  | 47-94                                 | VLED40W-094-C0450-D |                             | 42                       | 89%        |                    |
|                                                                                                                                                                                         |                             |             | 700                                  | 28-56                                 | VLED40W-056-C0700-D |                             | 39                       | 89%        |                    |
|                                                                                                                                                                                         |                             |             | 1050                                 | 20-38                                 | VLED40W-038-C1050-D |                             | 40                       | 88%        |                    |
|                                                                                                                                                                                         |                             |             | 1280                                 | 17-32                                 | VLED40W-032-C1280-D |                             | 42                       | 87%        |                    |
|                                                                                                                                                                                         |                             |             | 1400                                 | 15-30                                 | VLED40W-030-C1400-D |                             | 42                       | 87%        | ●                  |
|                                                                                                                                                                                         |                             |             | 1750                                 | 12-24                                 | VLED40W-024-C1750-D |                             | 42                       | 87%        |                    |
|                                                                                                                                                                                         | <b>V</b>                    | <b>No</b>   | 0-3500                               | 12                                    | VLED40W-012         | 100-277                     | 42                       | 84%        |                    |
|                                                                                                                                                                                         |                             |             | 0-1750                               | 24                                    | VLED40W-024         |                             | 42                       | 86%        |                    |
|                                                                                                                                                                                         |                             |             | 0-1160                               | 36                                    | VLED40W-036         |                             | 42                       | 87%        |                    |
|                                                                                                                                                                                         |                             |             | 0-875                                | 48                                    | VLED40W-048         |                             | 42                       | 89%        |                    |

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| Series                                                                                                                                                                      | Constant Current or Voltage | Dimming | Output Current (mA)<br>(range if CV) | Output Voltage (VDC)<br>(range if CC) | Catalog Number     | Nominal Input Voltage (Vac) | Max Output Power (Watts) | Efficiency | In Stock (typical) |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|---------|--------------------------------------|---------------------------------------|--------------------|-----------------------------|--------------------------|------------|--------------------|
| <b>50W</b><br>• Standard LED Series<br>• Black Plastic Case<br>• OA: 7.24" x 1.69" x 0.98"  | C                           | No      | 350                                  | 47-142                                | LED50W-142-C0350   | 100-277                     | 50.0                     | 89%        | ●                  |
|                                                                                                                                                                             |                             |         | 450                                  | 37-111                                | LED50W-111-C0450   |                             | 50.0                     | 89%        |                    |
|                                                                                                                                                                             |                             |         | 530                                  | 24-72                                 | LED50W-72-C0530    |                             | 38.1                     | 88%        |                    |
|                                                                                                                                                                             |                             |         | 700                                  | 24-72                                 | LED50W-72-C0700    |                             | 50.0                     | 88%        | ●                  |
|                                                                                                                                                                             |                             |         | 830                                  | 20-60                                 | LED50W-60-C0830    |                             | 50.0                     | 88%        |                    |
|                                                                                                                                                                             |                             |         | 1050                                 | 16-48                                 | LED50W-48-C1050    |                             | 50.0                     | 88%        | ●                  |
|                                                                                                                                                                             |                             |         | 1190                                 | 14-42                                 | LED50W-42-C1190    |                             | 50.0                     | 87%        |                    |
|                                                                                                                                                                             |                             |         | 1250                                 | 13-40                                 | LED50W-40-C1250    |                             | 50.0                     | 87%        |                    |
|                                                                                                                                                                             |                             |         | 1400                                 | 12-36                                 | LED50W-36-C1400    |                             | 50.0                     | 87%        |                    |
|                                                                                                                                                                             |                             |         | 1750                                 | 9-29                                  | LED50W-29-C1750    |                             | 50.0                     | 87%        |                    |
|                                                                                                                                                                             |                             |         | 2100                                 | 8-24                                  | LED50W-24-C2100    |                             | 50.0                     | 87%        | ●                  |
|                                                                                                                                                                             |                             |         | 2500                                 | 7-20                                  | LED50W-20-C2500    |                             | 50.0                     | 87%        |                    |
|                                                                                                                                                                             |                             |         | 2800                                 | 6-18                                  | LED50W-18-C2800    |                             | 50.0                     | 86%        | ●                  |
|                                                                                                                                                                             |                             |         | 3330                                 | 5-15                                  | LED50W-15-C3330    |                             | 50.0                     | 85%        |                    |
|                                                                                                                                                                             |                             |         | 4200                                 | 4-12                                  | LED50W-12-C4200    |                             | 50.0                     | 84%        |                    |
|                                                                                                                                                                             |                             | 0-10    | 350                                  | 47-142                                | LED50W-142-C0350-D | 100-277                     | 50.0                     | 89%        | ●                  |
|                                                                                                                                                                             |                             |         | 450                                  | 37-111                                | LED50W-111-C0450-D |                             | 50.0                     | 89%        | ●                  |
|                                                                                                                                                                             |                             |         | 530                                  | 24-72                                 | LED50W-72-C0530-D  |                             | 38.1                     | 88%        | ●                  |
|                                                                                                                                                                             |                             |         | 700                                  | 24-72                                 | LED50W-72-C0700-D  |                             | 50.0                     | 88%        | ●                  |
|                                                                                                                                                                             |                             |         | 830                                  | 20-60                                 | LED50W-60-C0830-D  |                             | 50.0                     | 88%        |                    |
|                                                                                                                                                                             |                             |         | 1050                                 | 16-48                                 | LED50W-48-C1050-D  |                             | 50.0                     | 88%        | ●                  |
|                                                                                                                                                                             |                             |         | 1190                                 | 14-42                                 | LED50W-42-C1190-D  |                             | 50.0                     | 87%        | ●                  |
|                                                                                                                                                                             |                             |         | 1250                                 | 13-40                                 | LED50W-40-C1250-D  |                             | 50.0                     | 87%        |                    |
|                                                                                                                                                                             |                             |         | 1400                                 | 12-36                                 | LED50W-36-C1400-D  |                             | 50.0                     | 87%        | ●                  |
|                                                                                                                                                                             |                             |         | 1750                                 | 9-29                                  | LED50W-29-C1750-D  |                             | 50.0                     | 87%        |                    |
|                                                                                                                                                                             |                             |         | 2100                                 | 8-24                                  | LED50W-24-C2100-D  |                             | 50.0                     | 87%        | ●                  |
|                                                                                                                                                                             |                             |         | 2500                                 | 7-20                                  | LED50W-20-C2500-D  |                             | 50.0                     | 87%        |                    |
|                                                                                                                                                                             |                             |         | 2800                                 | 6-18                                  | LED50W-18-C2800-D  |                             | 50.0                     | 86%        | ●                  |
|                                                                                                                                                                             |                             |         | 3330                                 | 5-15                                  | LED50W-15-C3330-D  |                             | 50.0                     | 85%        |                    |
|                                                                                                                                                                             |                             |         | 4200                                 | 4-12                                  | LED50W-12-C4200-D  |                             | 50.0                     | 84%        |                    |
|                                                                                                                                                                             | V                           | No      | 1050-4200                            | 12                                    | LED50W-012         | 100-277                     | 50                       | 84%        | ●                  |
|                                                                                                                                                                             |                             |         | 833-3330                             | 15                                    | LED50W-015         |                             |                          | 85%        |                    |
|                                                                                                                                                                             |                             |         | 700-2800                             | 18                                    | LED50W-018         |                             |                          | 86%        |                    |
|                                                                                                                                                                             |                             |         | 625-2500                             | 20                                    | LED50W-020         |                             |                          | 87%        |                    |
|                                                                                                                                                                             |                             |         | 525-2100                             | 24                                    | LED50W-024         |                             |                          | 87%        | ●                  |
|                                                                                                                                                                             |                             |         | 438-1750                             | 29                                    | LED50W-029         |                             |                          | 87%        |                    |
|                                                                                                                                                                             |                             |         | 350-1400                             | 36                                    | LED50W-036         |                             |                          | 87%        |                    |
|                                                                                                                                                                             |                             |         | 313-1250                             | 40                                    | LED50W-040         |                             |                          | 87%        |                    |
|                                                                                                                                                                             |                             |         | 298-1190                             | 42                                    | LED50W-042         |                             |                          | 87%        |                    |
|                                                                                                                                                                             |                             |         | 263-1050                             | 48                                    | LED50W-048         |                             |                          | 88%        |                    |
|                                                                                                                                                                             |                             |         | 208-830                              | 60                                    | LED50W-060         |                             |                          | 88%        |                    |
|                                                                                                                                                                             |                             |         | 175-700                              | 72                                    | LED50W-072         |                             |                          | 88%        |                    |
|                                                                                                                                                                             |                             |         | 113-450                              | 111                                   | LED50W-111         |                             |                          | 89%        |                    |
|                                                                                                                                                                             |                             |         | 88-350                               | 142                                   | LED50W-142         |                             |                          | 89%        |                    |

| Series                                                                                                                                                                         | Constant Current or Voltage | Dimming | Output Current (mA)<br>(range if CV) | Output Voltage (VDC)<br>(range if CC) | Catalog Number   | Nominal Input Voltage (Vac) | Max Output Power (Watts) | Efficiency | In Stock (typical) |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|---------|--------------------------------------|---------------------------------------|------------------|-----------------------------|--------------------------|------------|--------------------|
| <b>60W</b><br>• Standard LED Series<br>• Black Aluminum Case<br>• OA: 7.25" x 2.81" x 1.83"  | C                           | No      | 350                                  | 56-170                                | LED60W-170-C0350 | 100-277                     | 59.5                     | 92%        | ●                  |
|                                                                                                                                                                                |                             |         | 450                                  | 44-134                                | LED60W-134-C0450 |                             | 60.0                     | 92%        | ●                  |
|                                                                                                                                                                                |                             |         | 700                                  | 28-86                                 | LED60W-086-C0700 |                             | 60.0                     | 92%        |                    |
|                                                                                                                                                                                |                             |         | 1050                                 | 19-58                                 | LED60W-058-C1050 |                             | 60.0                     | 91%        | ●                  |
|                                                                                                                                                                                |                             |         | 1250                                 | 16-48                                 | LED60W-048-C1250 |                             | 60.0                     | 91%        |                    |
|                                                                                                                                                                                |                             |         | 1400                                 | 14-43                                 | LED60W-043-C1400 |                             | 60.0                     | 91%        | ●                  |
|                                                                                                                                                                                |                             |         | 1670                                 | 12-36                                 | LED60W-036-C1670 |                             | 60.0                     | 91%        | ●                  |
|                                                                                                                                                                                |                             |         | 2300                                 | 9-27                                  | LED60W-027-C2300 |                             | 60.0                     | 90%        | ●                  |
|                                                                                                                                                                                |                             |         | 2500                                 | 8-24                                  | LED60W-024-C2500 |                             | 60.0                     | 90%        |                    |
|                                                                                                                                                                                |                             |         | 2720                                 | 7-22                                  | LED60W-022-C2720 |                             | 59.8                     | 89%        | ●                  |
|                                                                                                                                                                                |                             |         | 3000                                 | 7-20                                  | LED60W-020-C3000 |                             | 60.0                     | 89%        | ●                  |
|                                                                                                                                                                                |                             |         | 3330                                 | 6-18                                  | LED60W-018-C3330 |                             | 59.9                     | 88%        |                    |
|                                                                                                                                                                                |                             |         | 4000                                 | 5-15                                  | LED60W-015-C4000 |                             | 60.0                     | 87%        |                    |
|                                                                                                                                                                                |                             |         | 5000                                 | 4-12                                  | LED60W-012-C5000 |                             | 60.0                     | 87%        | ●                  |

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| Series                                                                                                                                                                        | Constant Current or Voltage | Dimming | Output Current (mA)<br>(range if CV) | Output Voltage (VDC)<br>(range if CC) | Catalog Number       | Nominal Input Voltage (Vac)      | Max Output Power (Watts) | Efficiency | In Stock (typical) |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|---------|--------------------------------------|---------------------------------------|----------------------|----------------------------------|--------------------------|------------|--------------------|
| <b>60W</b><br>• Standard LED Series<br>• Black Aluminum Case<br>• OA: 7.25" x 2.81" x 1.83"  | C                           | 0-10    | 350                                  | 56-170                                | LED60W-170-C0350-D   | 100-277                          | 59.5                     | 92%        | ●                  |
|                                                                                                                                                                               |                             |         | 450                                  | 44-134                                | LED60W-134-C0450-D   |                                  | 60.0                     | 92%        | ●                  |
|                                                                                                                                                                               |                             |         | 700                                  | 28-86                                 | LED60W-086-C0700-D   |                                  | 60.0                     | 92%        |                    |
|                                                                                                                                                                               |                             |         | 1050                                 | 19-58                                 | LED60W-058-C1050-D   |                                  | 60.0                     | 91%        | ●                  |
|                                                                                                                                                                               |                             |         | 1250                                 | 16-48                                 | LED60W-048-C1250-D   |                                  | 60.0                     | 91%        |                    |
|                                                                                                                                                                               |                             |         | 1400                                 | 14-43                                 | LED60W-043-C1400-D   |                                  | 60.0                     | 91%        |                    |
|                                                                                                                                                                               |                             |         | 1670                                 | 12-36                                 | LED60W-036-C1670-D   |                                  | 60.0                     | 91%        | ●                  |
|                                                                                                                                                                               |                             |         | 2300                                 | 9-27                                  | LED60W-027-C2300-D   |                                  | 60.0                     | 90%        | ●                  |
|                                                                                                                                                                               |                             |         | 2500                                 | 8-24                                  | LED60W-024-C2500-D   |                                  | 60.0                     | 90%        |                    |
|                                                                                                                                                                               |                             |         | 2720                                 | 7-22                                  | LED60W-022-C2720-D   |                                  | 59.8                     | 89%        | ●                  |
|                                                                                                                                                                               |                             |         | 3000                                 | 7-20                                  | LED60W-020-C3000-D   |                                  | 60.0                     | 89%        |                    |
|                                                                                                                                                                               |                             |         | 3330                                 | 6-18                                  | LED60W-018-C3330-D   |                                  | 59.9                     | 88%        |                    |
|                                                                                                                                                                               |                             |         | 4000                                 | 5-15                                  | LED60W-015-C4000-D   |                                  | 60.0                     | 87%        |                    |
|                                                                                                                                                                               |                             |         | 5000                                 | 4-12                                  | LED60W-012-C5000-D   |                                  | 60.0                     | 87%        |                    |
|                                                                                                                                                                               | V                           | No      | 1250-5000                            | 12                                    | LED60W-012           | 100-277                          | 60.0                     | 87%        | ●                  |
|                                                                                                                                                                               |                             |         | 1000-4000                            | 15                                    | LED60W-015           |                                  | 60.0                     | 87%        |                    |
|                                                                                                                                                                               |                             |         | 833-3330                             | 18                                    | LED60W-018           |                                  | 59.9                     | 88%        |                    |
|                                                                                                                                                                               |                             |         | 750-3000                             | 20                                    | LED60W-020           |                                  | 60.0                     | 89%        |                    |
|                                                                                                                                                                               |                             |         | 680-2720                             | 22                                    | LED60W-022           |                                  | 59.8                     | 89%        |                    |
|                                                                                                                                                                               |                             |         | 625-2500                             | 24                                    | LED60W-024           |                                  | 60.0                     | 90%        | ●                  |
|                                                                                                                                                                               |                             |         | 575-2300                             | 27                                    | LED60W-027           |                                  | 60.0                     | 90%        |                    |
|                                                                                                                                                                               |                             |         | 418-1670                             | 36                                    | LED60W-036           |                                  | 60.0                     | 91%        |                    |
|                                                                                                                                                                               |                             |         | 350-1400                             | 43                                    | LED60W-043           |                                  | 60.0                     | 91%        |                    |
|                                                                                                                                                                               |                             |         | 313-1250                             | 48                                    | LED60W-048           |                                  | 60.0                     | 91%        |                    |
|                                                                                                                                                                               |                             |         | 263-1050                             | 58                                    | LED60W-058           |                                  | 60.0                     | 91%        |                    |
|                                                                                                                                                                               |                             |         | 175-700                              | 86                                    | LED60W-086           |                                  | 60.0                     | 92%        |                    |
|                                                                                                                                                                               |                             |         | 113-450                              | 134                                   | LED60W-134           |                                  | 60.0                     | 92%        |                    |
|                                                                                                                                                                               |                             |         | 88-350                               | 170                                   | LED60W-170           |                                  | 59.5                     | 92%        |                    |
| <b>60W</b><br>• LEDDC Series, Black Aluminum<br>• AC or DC input, DC output<br>• OA: 7.25" x 2.81" x 1.83"                                                                    | C                           | No      | 700                                  | 28-86                                 | LEDDC60W-086-C0700   | 100-277 Vac<br>or<br>108-205 Vdc | 60                       | 92%        |                    |
|                                                                                                                                                                               |                             | 0-10    | 700                                  | 28-86                                 | LEDDC60W-086-C0700-D |                                  | 60                       | 92%        |                    |
|                                                                                                                                                                               | V                           | No      | 175-700                              | 86                                    | LEDDC60W-086         |                                  | 60                       | 92%        |                    |

| Series                                                                                                                                                                          | Constant Current or Voltage | Dimming | Output Current (mA)<br>(range if CV) | Output Voltage (VDC)<br>(range if CC) | Catalog Number     | Nominal Input Voltage (Vac) | Max Output Power (Watts) | Efficiency | In Stock (typical) |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|---------|--------------------------------------|---------------------------------------|--------------------|-----------------------------|--------------------------|------------|--------------------|
| <b>75W</b><br>• Standard LED Series<br>• Black Aluminum Case<br>• OA: 7.25" x 2.81" x 1.83"  | C                           | No      | 300                                  | 85-257                                | LED75W-257-C0300   | 100-277                     | 75.0                     | 91%        |                    |
|                                                                                                                                                                                 |                             |         | 350                                  | 66-200                                | LED75W-200-C0350   |                             | 70.0                     | 91%        |                    |
|                                                                                                                                                                                 |                             |         | 600                                  | 42-128                                | LED75W-128-C0600   |                             | 75.0                     | 91%        |                    |
|                                                                                                                                                                                 |                             |         | 900                                  | 28-85                                 | LED75W-085-C0900   |                             | 75.0                     | 90%        |                    |
|                                                                                                                                                                                 |                             |         | 1200                                 | 21-64                                 | LED75W-064-C1200   |                             | 75.0                     | 90%        |                    |
|                                                                                                                                                                                 |                             |         | 1400                                 | 18-56                                 | LED75W-056-C1400   |                             | 75.0                     | 90%        | ●                  |
|                                                                                                                                                                                 |                             |         | 1600                                 | 16-48                                 | LED75W-048-C1600   |                             | 75.0                     | 90%        |                    |
|                                                                                                                                                                                 |                             |         | 2100                                 | 12-36                                 | LED75W-036-C2100   |                             | 75.0                     | 89%        |                    |
|                                                                                                                                                                                 |                             |         | 2500                                 | 10-30                                 | LED75W-030-C2500   |                             | 75.0                     | 89%        |                    |
|                                                                                                                                                                                 |                             |         | 2800                                 | 9-27                                  | LED75W-027-C2800   |                             | 75.0                     | 88%        | ●                  |
|                                                                                                                                                                                 |                             |         | 3000                                 | 8-25                                  | LED75W-025-C3000   |                             | 75.0                     | 88%        |                    |
|                                                                                                                                                                                 |                             |         | 3400                                 | 7-22                                  | LED75W-022-C3400   |                             | 74.8                     | 88%        |                    |
|                                                                                                                                                                                 |                             |         | 3750                                 | 7-20                                  | LED75W-020-C3750   |                             | 75.0                     | 87%        |                    |
|                                                                                                                                                                                 |                             |         | 4200                                 | 6-18                                  | LED75W-018-C4200   |                             | 75.0                     | 86%        |                    |
|                                                                                                                                                                                 |                             |         | 5000                                 | 5-15                                  | LED75W-015-C5000   |                             | 75.0                     | 86%        |                    |
|                                                                                                                                                                                 | C                           | 0-10    | 300                                  | 85-257                                | LED75W-257-C0300-D | 100-277                     | 75.0                     | 91%        |                    |
|                                                                                                                                                                                 |                             |         | 350                                  | 66-200                                | LED75W-200-C0350-D |                             | 70.0                     | 91%        | ●                  |
|                                                                                                                                                                                 |                             |         | 600                                  | 42-128                                | LED75W-128-C0600-D |                             | 75.0                     | 91%        |                    |
|                                                                                                                                                                                 |                             |         | 900                                  | 28-85                                 | LED75W-085-C0900-D |                             | 75.0                     | 90%        |                    |
|                                                                                                                                                                                 |                             |         | 1200                                 | 21-64                                 | LED75W-064-C1200-D |                             | 75.0                     | 90%        |                    |
|                                                                                                                                                                                 |                             |         | 1400                                 | 18-56                                 | LED75W-056-C1400-D |                             | 75.0                     | 90%        |                    |
|                                                                                                                                                                                 |                             |         | 1600                                 | 16-48                                 | LED75W-048-C1600-D |                             | 75.0                     | 90%        |                    |
|                                                                                                                                                                                 |                             |         | 2100                                 | 12-36                                 | LED75W-036-C2100-D |                             | 75.0                     | 89%        | ●                  |
|                                                                                                                                                                                 |                             |         | 2500                                 | 10-30                                 | LED75W-030-C2500-D |                             | 75.0                     | 89%        |                    |
|                                                                                                                                                                                 |                             |         | 2800                                 | 9-27                                  | LED75W-027-C2800-D |                             | 75.0                     | 88%        | ●                  |
|                                                                                                                                                                                 |                             |         | 3000                                 | 8-25                                  | LED75W-025-C3000-D |                             | 75.0                     | 88%        | ●                  |
|                                                                                                                                                                                 |                             |         | 3400                                 | 7-22                                  | LED75W-022-C3400-D |                             | 74.8                     | 88%        |                    |
|                                                                                                                                                                                 |                             |         | 3750                                 | 7-20                                  | LED75W-020-C3750-D |                             | 75.0                     | 87%        |                    |
|                                                                                                                                                                                 |                             |         | 4200                                 | 6-18                                  | LED75W-018-C4200-D |                             | 75.0                     | 86%        |                    |
|                                                                                                                                                                                 |                             |         | 5000                                 | 5-15                                  | LED75W-015-C5000-D |                             | 75.0                     | 86%        |                    |

Class 2: US/Canada US Only

# LED DRIVERS

| Series                                                                                                                                                                                       | Constant Current or Voltage | Dimming     | Output Current (mA)<br>(range if CV) | Output Voltage (VDC)<br>(range if CC) | Catalog Number      | Nominal Input Voltage (Vac) | Max Output Power (Watts) | Efficiency | In Stock (typical) |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|-------------|--------------------------------------|---------------------------------------|---------------------|-----------------------------|--------------------------|------------|--------------------|
| <b>75W</b><br>• Standard <b>LED</b> Series<br>• Black Aluminum Case<br>• OA: 7.25" x 2.81" x 1.83"           | <b>V</b>                    | <b>No</b>   | 1250-5000                            | 15                                    | LED75W-015          | 100-277                     | 75.0                     | 86%        |                    |
|                                                                                                                                                                                              |                             |             | 1050-4200                            | 18                                    | LED75W-018          |                             | 75.0                     | 86%        |                    |
|                                                                                                                                                                                              |                             |             | 938-3750                             | 20                                    | LED75W-020          |                             | 75.0                     | 87%        |                    |
|                                                                                                                                                                                              |                             |             | 850-3400                             | 22                                    | LED75W-022          |                             | 74.8                     | 88%        |                    |
|                                                                                                                                                                                              |                             |             | 750-3000                             | 25                                    | LED75W-025          |                             | 75.0                     | 88%        |                    |
|                                                                                                                                                                                              |                             |             | 700-2800                             | 27                                    | LED75W-027          |                             | 75.0                     | 88%        |                    |
|                                                                                                                                                                                              |                             |             | 625-2500                             | 30                                    | LED75W-030          |                             | 75.0                     | 89%        |                    |
|                                                                                                                                                                                              |                             |             | 525-2100                             | 36                                    | LED75W-036          |                             | 75.0                     | 89%        |                    |
|                                                                                                                                                                                              |                             |             | 400-1600                             | 48                                    | LED75W-048          |                             | 75.0                     | 90%        |                    |
|                                                                                                                                                                                              |                             |             | 350-1400                             | 56                                    | LED75W-056          |                             | 75.0                     | 90%        |                    |
|                                                                                                                                                                                              |                             |             | 300-1200                             | 64                                    | LED75W-064          |                             | 75.0                     | 90%        |                    |
|                                                                                                                                                                                              |                             |             | 225-900                              | 85                                    | LED75W-085          |                             | 75.0                     | 90%        |                    |
|                                                                                                                                                                                              |                             |             | 150-600                              | 128                                   | LED75W-128          |                             | 75.0                     | 91%        |                    |
|                                                                                                                                                                                              |                             |             | 88-350                               | 200                                   | LED75W-200          |                             | 70.0                     | 91%        |                    |
|                                                                                                                                                                                              |                             |             | 75-300                               | 257                                   | LED75W-257          |                             | 75.0                     | 91%        |                    |
| <b>75W</b><br>• Standard <b>LEG</b> Series<br>• Black Steel F-Can Style Case<br>• OA: 9.47" x 1.80" x 1.32"  | <b>C</b>                    | <b>No</b>   | 350                                  | 72-214                                | LEG75W-214-C0350    | 120-277                     | 74.9                     | 92%        |                    |
|                                                                                                                                                                                              |                             |             | 530                                  | 48-142                                | LEG75W-142-C0530    |                             | 75.0                     | 91%        | ●                  |
|                                                                                                                                                                                              |                             |             | 700                                  | 36-108                                | LEG75W-108-C0700    |                             | 75.0                     | 90%        | ●                  |
|                                                                                                                                                                                              |                             |             | 1050                                 | 24-72                                 | LEG75W-072-C1050    |                             | 75.0                     | 89%        |                    |
|                                                                                                                                                                                              |                             | <b>0-10</b> | 350                                  | 72-214                                | LEG75W-214-C0350-D  | 120-277                     | 74.9                     | 92%        | ●                  |
|                                                                                                                                                                                              |                             |             | 530                                  | 48-142                                | LEG75W-142-C0530-D  |                             | 75.0                     | 91%        |                    |
|                                                                                                                                                                                              |                             |             | 700                                  | 36-108                                | LEG75W-108-C0700-D  |                             | 75.0                     | 90%        | ●                  |
|                                                                                                                                                                                              |                             |             | 1050                                 | 24-72                                 | LEG75W-072-C1050-D  |                             | 75.0                     | 89%        | ●                  |
| <b>75W</b><br>• Premium <b>PLED</b> Series<br>• Black Aluminum Case<br>• OA: 5.79" x 2.35" x 1.46"          | <b>C</b>                    | <b>No</b>   | 350                                  | 72-214                                | PLED75W-214-C0350   | 100-277                     | 75                       | 92%        |                    |
|                                                                                                                                                                                              |                             |             | 450                                  | 56-166                                | PLED75W-166-C0450   |                             |                          | 92%        |                    |
|                                                                                                                                                                                              |                             |             | 700                                  | 36-108                                | PLED75W-108-C0700   |                             |                          | 92%        |                    |
|                                                                                                                                                                                              |                             |             | 1050                                 | 24-72                                 | PLED75W-072-C1050   |                             |                          | 91%        |                    |
|                                                                                                                                                                                              |                             |             | 1400                                 | 18-54                                 | PLED75W-054-C1400   |                             |                          | 91%        |                    |
|                                                                                                                                                                                              |                             |             | 1560                                 | 16-48                                 | PLED75W-048-C1560   |                             |                          | 90%        |                    |
|                                                                                                                                                                                              |                             |             | 1790                                 | 14-42                                 | PLED75W-042-C1790   |                             |                          | 89%        |                    |
|                                                                                                                                                                                              |                             |             | 2100                                 | 12-36                                 | PLED75W-036-C2100   |                             |                          | 89%        |                    |
|                                                                                                                                                                                              |                             |             | 2800                                 | 9-27                                  | PLED75W-027-C2800   |                             |                          | 88%        |                    |
|                                                                                                                                                                                              |                             |             | 3130                                 | 8-24                                  | PLED75W-024-C3130   |                             |                          | 88%        |                    |
|                                                                                                                                                                                              |                             |             | 3750                                 | 7-20                                  | PLED75W-020-C3750   |                             |                          | 87%        |                    |
|                                                                                                                                                                                              |                             |             | 5000                                 | 5-15                                  | PLED75W-015-C5000   |                             |                          | 86%        |                    |
|                                                                                                                                                                                              |                             |             | 6250                                 | 4-12                                  | PLED75W-012-C6250   |                             |                          | 86%        |                    |
|                                                                                                                                                                                              |                             | <b>0-10</b> | 350                                  | 72-214                                | PLED75W-214-C0350-D | 100-277                     | 75                       | 92%        |                    |
|                                                                                                                                                                                              |                             |             | 450                                  | 56-166                                | PLED75W-166-C0450-D |                             |                          | 92%        |                    |
|                                                                                                                                                                                              |                             |             | 700                                  | 36-108                                | PLED75W-108-C0700-D |                             |                          | 92%        |                    |
|                                                                                                                                                                                              |                             |             | 1050                                 | 24-72                                 | PLED75W-072-C1050-D |                             |                          | 91%        |                    |
|                                                                                                                                                                                              |                             |             | 1400                                 | 18-54                                 | PLED75W-054-C1400-D |                             |                          | 91%        |                    |
|                                                                                                                                                                                              |                             |             | 1560                                 | 16-48                                 | PLED75W-048-C1560-D |                             |                          | 90%        |                    |
|                                                                                                                                                                                              |                             |             | 1790                                 | 14-42                                 | PLED75W-042-C1790-D |                             |                          | 89%        |                    |
|                                                                                                                                                                                              |                             |             | 2100                                 | 12-36                                 | PLED75W-036-C2100-D |                             |                          | 89%        |                    |
|                                                                                                                                                                                              |                             |             | 2800                                 | 9-27                                  | PLED75W-027-C2800-D |                             |                          | 88%        |                    |
|                                                                                                                                                                                              |                             |             | 3130                                 | 8-24                                  | PLED75W-024-C3130-D |                             |                          | 88%        |                    |
|                                                                                                                                                                                              |                             | <b>V</b>    | 3750                                 | 7-20                                  | PLED75W-020-C3750-D | 100-277                     | 75                       | 87%        |                    |
|                                                                                                                                                                                              |                             |             | 5000                                 | 5-15                                  | PLED75W-015-C5000-D |                             |                          | 86%        |                    |
|                                                                                                                                                                                              |                             |             | 6250                                 | 4-12                                  | PLED75W-012-C6250-D |                             |                          | 86%        |                    |
|                                                                                                                                                                                              |                             |             | 88-350                               | 214                                   | PLED75W-214         |                             |                          | 92%        |                    |
|                                                                                                                                                                                              |                             |             | 113-450                              | 166                                   | PLED75W-166         |                             |                          | 92%        |                    |
|                                                                                                                                                                                              |                             |             | 175-700                              | 108                                   | PLED75W-108         |                             |                          | 92%        |                    |
|                                                                                                                                                                                              |                             |             | 263-1050                             | 72                                    | PLED75W-072         |                             |                          | 91%        |                    |
|                                                                                                                                                                                              |                             |             | 350-1400                             | 54                                    | PLED75W-054         |                             |                          | 91%        |                    |
|                                                                                                                                                                                              |                             |             | 390-1560                             | 48                                    | PLED75W-048         |                             |                          | 90%        |                    |
|                                                                                                                                                                                              |                             |             | 448-1790                             | 42                                    | PLED75W-042         |                             |                          | 89%        |                    |
|                                                                                                                                                                                              |                             |             | 525-2100                             | 36                                    | PLED75W-036         |                             |                          | 89%        |                    |
|                                                                                                                                                                                              |                             |             | 700-2800                             | 27                                    | PLED75W-027         |                             |                          | 88%        |                    |
|                                                                                                                                                                                              |                             |             | 783-3130                             | 24                                    | PLED75W-024         |                             |                          | 88%        |                    |
|                                                                                                                                                                                              |                             |             | 938-3750                             | 20                                    | PLED75W-020         |                             |                          | 87%        |                    |
|                                                                                                                                                                                              |                             |             | 1250-5000                            | 15                                    | PLED75W-015         |                             |                          | 86%        |                    |
|                                                                                                                                                                                              |                             |             | 1563-6250                            | 12                                    | PLED75W-012         |                             |                          | 86%        |                    |

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# LED DRIVERS

| Series                                                                                                                                                                                            | Constant Current or Voltage | Dimming     | Output Current (mA)<br>(range if CV) | Output Voltage (VDC)<br>(range if CC) | Catalog Number | Nominal Input Voltage (Vac) | Max Output Power (Watts) | Efficiency | In Stock (typical) |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|-------------|--------------------------------------|---------------------------------------|----------------|-----------------------------|--------------------------|------------|--------------------|
| <b>75W</b><br>• Value <b>TRC</b> Series<br>• Aluminum Case<br>• OA: 6.97" x 2.66" x 1.46"                        | <b>C</b>                    | <b>No</b>   | 350                                  | 107-214                               | TRC-075S035ST  | 100-277                     | 75                       | 92%        |                    |
|                                                                                                                                                                                                   |                             |             | 450                                  | 83-166                                | TRC-075S045ST  |                             |                          | 92%        |                    |
|                                                                                                                                                                                                   |                             |             | 700                                  | 54-108                                | TRC-075S070ST  |                             |                          | 91%        |                    |
|                                                                                                                                                                                                   |                             |             | 1050                                 | 36-72                                 | TRC-075S105ST  |                             |                          | 90%        |                    |
|                                                                                                                                                                                                   |                             |             | 1400                                 | 27-54                                 | TRC-075S140ST  |                             |                          | 90%        | ●                  |
|                                                                                                                                                                                                   |                             |             | 100                                  | 18-36                                 | TRC-075S210ST  |                             |                          | 89%        |                    |
|                                                                                                                                                                                                   |                             |             | 2800                                 | 13-27                                 | TRC-075S280ST  |                             |                          | 89%        |                    |
|                                                                                                                                                                                                   |                             |             | 3750                                 | 10-20                                 | TRC-075S375ST  |                             |                          | 88%        | ●                  |
|                                                                                                                                                                                                   |                             |             | 5000                                 | 7-15                                  | TRC-075S500ST  |                             |                          | 88%        |                    |
|                                                                                                                                                                                                   |                             | <b>0-10</b> | 350                                  | 107-214                               | TRC-075S035DT  | 100-277                     | 75                       | 92%        | ●                  |
|                                                                                                                                                                                                   |                             |             | 450                                  | 83-166                                | TRC-075S045DT  |                             |                          | 92%        |                    |
|                                                                                                                                                                                                   |                             |             | 700                                  | 54-108                                | TRC-075S070DT  |                             |                          | 91%        |                    |
|                                                                                                                                                                                                   |                             |             | 1050                                 | 36-72                                 | TRC-075S105DT  |                             |                          | 90%        |                    |
|                                                                                                                                                                                                   |                             |             | 1400                                 | 27-54                                 | TRC-075S140DT  |                             |                          | 90%        |                    |
|                                                                                                                                                                                                   |                             |             | 2100                                 | 18-36                                 | TRC-075S210DT  |                             |                          | 89%        | ●                  |
|                                                                                                                                                                                                   |                             |             | 2800                                 | 13-27                                 | TRC-075S280DT  |                             |                          | 89%        | ●                  |
|                                                                                                                                                                                                   |                             |             | 3750                                 | 10-20                                 | TRC-075S375DT  |                             |                          | 88%        |                    |
|                                                                                                                                                                                                   |                             |             | 5000                                 | 7-15                                  | TRC-075S500DT  |                             |                          | 88%        |                    |
| <b>75W</b><br>• Value <b>TRV</b> Series<br>• Aluminum Case<br>• OA: 8.31" x 2.66" x 1.46"                       | <b>V</b>                    | <b>No</b>   | 0-6250                               | 12                                    | TRV-075S012ST  | 100-277                     | 75                       | 90%        | ●                  |
|                                                                                                                                                                                                   |                             |             | 0-3130                               | 24                                    | TRV-075S024ST  |                             |                          | 92%        |                    |
|                                                                                                                                                                                                   |                             |             | 0-2080                               | 36                                    | TRV-075S036ST  |                             |                          | 92%        |                    |
|                                                                                                                                                                                                   |                             |             | 0-1790                               | 42                                    | TRV-075S042ST  |                             |                          | 93%        |                    |
|                                                                                                                                                                                                   |                             |             | 0-1560                               | 48                                    | TRV-075S048ST  |                             |                          | 92%        |                    |
|                                                                                                                                                                                                   |                             |             | 0-1390                               | 54                                    | TRV-075S054ST  |                             |                          | 92%        |                    |
|                                                                                                                                                                                                   |                             |             | 0-930                                | 81                                    | TRV-075S081ST  |                             |                          | 92%        |                    |
|                                                                                                                                                                                                   |                             |             | 0-710                                | 105                                   | TRV-075S105ST  |                             |                          | 92%        |                    |
|                                                                                                                                                                                                   |                             |             |                                      |                                       |                |                             |                          |            |                    |
| <b>75W</b><br>• Value <b>TSC</b> Series<br>• 277-480V Input<br>• Aluminum Case<br>• OA: 8.74" x 3.46" x 1.54"  | <b>C</b>                    | <b>No</b>   | 350                                  | 107-214                               | TSC-075S035ST  | 277-480                     | 75                       | 87%        |                    |
|                                                                                                                                                                                                   |                             |             | 700                                  | 53-107                                | TSC-075S070ST  |                             |                          | 86%        | ●                  |
|                                                                                                                                                                                                   |                             |             | 1050                                 | 36-72                                 | TSC-075S105ST  |                             |                          | 87%        |                    |
|                                                                                                                                                                                                   |                             |             | 1400                                 | 26-53                                 | TSC-075S140ST  |                             |                          | 87%        |                    |
|                                                                                                                                                                                                   |                             |             | 2100                                 | 18-36                                 | TSC-075S210ST  |                             |                          | 86%        |                    |
|                                                                                                                                                                                                   |                             |             | 3150                                 | 12-24                                 | TSC-075S315ST  |                             |                          | 85%        |                    |
|                                                                                                                                                                                                   |                             | <b>0-10</b> | 350                                  | 107-214                               | TSC-075S035DT  | 277-480                     | 75                       | 87%        |                    |
|                                                                                                                                                                                                   |                             |             | 700                                  | 53-107                                | TSC-075S070DT  |                             |                          | 86%        |                    |
|                                                                                                                                                                                                   |                             |             | 1050                                 | 36-72                                 | TSC-075S105DT  |                             |                          | 87%        |                    |
|                                                                                                                                                                                                   |                             |             | 1400                                 | 26-53                                 | TSC-075S140DT  |                             |                          | 87%        | ●                  |
|                                                                                                                                                                                                   |                             |             | 2100                                 | 18-36                                 | TSC-075S210DT  |                             |                          | 86%        | ●                  |
|                                                                                                                                                                                                   |                             |             | 3150                                 | 12-24                                 | TSC-075S315DT  |                             |                          | 85%        | ●                  |

| Series                                                                                                                                                                                 | Constant Current or Voltage | Dimming   | Output Current (mA)<br>(range if CV) | Output Voltage (VDC)<br>(range if CC) | Catalog Number   | Nominal Input Voltage (Vac) | Max Output Power (Watts) | Efficiency | In Stock (typical) |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|-----------|--------------------------------------|---------------------------------------|------------------|-----------------------------|--------------------------|------------|--------------------|
| <b>90W</b><br>• Standard <b>LED</b> Series<br>• Black Aluminum Case<br>• OA: 7.25" x 2.81" x 1.83"  | <b>C</b>                    | <b>No</b> | 350                                  | 85-257                                | LED90W-257-C0350 | 100-277                     | 90.0                     | 92%        | ●                  |
|                                                                                                                                                                                        |                             |           | 450                                  | 66-200                                | LED90W-200-C0450 |                             | 90.0                     | 92%        |                    |
|                                                                                                                                                                                        |                             |           | 700                                  | 42-128                                | LED90W-128-C0700 |                             | 89.6                     | 92%        | ●                  |
|                                                                                                                                                                                        |                             |           | 1050                                 | 28-85                                 | LED90W-085-C1050 |                             | 89.2                     | 91%        | ●                  |
|                                                                                                                                                                                        |                             |           | 1400                                 | 21-64                                 | LED90W-064-C1400 |                             | 89.6                     | 91%        | ●                  |
|                                                                                                                                                                                        |                             |           | 1600                                 | 18-56                                 | LED90W-056-C1600 |                             | 89.6                     | 91%        |                    |
|                                                                                                                                                                                        |                             |           | 1875                                 | 16-48                                 | LED90W-048-C1875 |                             | 90.0                     | 91%        |                    |
|                                                                                                                                                                                        |                             |           | 2500                                 | 12-36                                 | LED90W-036-C2500 |                             | 90.0                     | 90%        |                    |
|                                                                                                                                                                                        |                             |           | 3000                                 | 10-30                                 | LED90W-030-C3000 |                             | 90.0                     | 90%        |                    |
|                                                                                                                                                                                        |                             |           | 3330                                 | 9-27                                  | LED90W-027-C3330 |                             | 89.9                     | 89%        |                    |
|                                                                                                                                                                                        |                             |           | 3500                                 | 8-25                                  | LED90W-025-C3500 |                             | 87.5                     | 89%        |                    |
|                                                                                                                                                                                        |                             |           | 4090                                 | 7-22                                  | LED90W-022-C4090 |                             | 90.0                     | 89%        |                    |
|                                                                                                                                                                                        |                             |           | 4500                                 | 7-20                                  | LED90W-020-C4500 |                             | 90.0                     | 88%        |                    |
|                                                                                                                                                                                        |                             |           | 5000                                 | 6-18                                  | LED90W-018-C5000 |                             | 90.0                     | 87%        |                    |
|                                                                                                                                                                                        |                             |           | 6000                                 | 5-15                                  | LED90W-015-C6000 |                             | 90.0                     | 87%        |                    |
|                                                                                                                                                                                        |                             |           |                                      |                                       |                  |                             |                          |            |                    |
|                                                                                                                                                                                        |                             |           |                                      |                                       |                  |                             |                          |            |                    |

Class 2: US/Canada US Only

# LED DRIVERS

| Series                                                                                                                                                                       | Constant Current or Voltage | Dimming     | Output Current (mA)<br>(range if CV) | Output Voltage (VDC)<br>(range if CC) | Catalog Number     | Nominal Input Voltage (Vac) | Max Output Power (Watts) | Efficiency | In Stock (typical) |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|-------------|--------------------------------------|---------------------------------------|--------------------|-----------------------------|--------------------------|------------|--------------------|
| <b>90W</b><br>• Standard LED Series<br>• Black Aluminum Case<br>• OA: 7.25" x 2.81" x 1.83"  | <b>C</b>                    | <b>0-10</b> | 350                                  | 85-257                                | LED90W-257-C0350-D | 100-277                     | 90.0                     | 92%        | ●                  |
|                                                                                                                                                                              |                             |             | 450                                  | 66-200                                | LED90W-200-C0450-D |                             | 90.0                     | 92%        | ●                  |
|                                                                                                                                                                              |                             |             | 700                                  | 42-128                                | LED90W-128-C0700-D |                             | 89.6                     | 92%        | ●                  |
|                                                                                                                                                                              |                             |             | 1050                                 | 28-85                                 | LED90W-085-C1050-D |                             | 89.2                     | 91%        | ●                  |
|                                                                                                                                                                              |                             |             | 1400                                 | 21-64                                 | LED90W-064-C1400-D |                             | 89.6                     | 91%        | ●                  |
|                                                                                                                                                                              |                             |             | 1600                                 | 18-56                                 | LED90W-056-C1600-D |                             | 89.6                     | 91%        |                    |
|                                                                                                                                                                              |                             |             | 1875                                 | 16-48                                 | LED90W-048-C1875-D |                             | 90.0                     | 91%        |                    |
|                                                                                                                                                                              |                             |             | 2500                                 | 12-36                                 | LED90W-036-C2500-D |                             | 90.0                     | 90%        |                    |
|                                                                                                                                                                              |                             |             | 3000                                 | 10-30                                 | LED90W-030-C3000-D |                             | 90.0                     | 90%        |                    |
|                                                                                                                                                                              |                             |             | 3330                                 | 9-27                                  | LED90W-027-C3330-D |                             | 89.9                     | 89%        |                    |
|                                                                                                                                                                              |                             |             | 3500                                 | 8-25                                  | LED90W-025-C3500-D |                             | 87.5                     | 89%        |                    |
|                                                                                                                                                                              |                             |             | 4090                                 | 7-22                                  | LED90W-022-C4090-D |                             | 90.0                     | 89%        |                    |
|                                                                                                                                                                              |                             |             | 4500                                 | 7-20                                  | LED90W-020-C4500-D |                             | 90.0                     | 88%        |                    |
|                                                                                                                                                                              |                             |             | 5000                                 | 6-18                                  | LED90W-018-C5000-D |                             | 90.0                     | 87%        |                    |
|                                                                                                                                                                              |                             |             | 6000                                 | 5-15                                  | LED90W-015-C6000-D |                             | 90.0                     | 87%        |                    |
|                                                                                                                                                                              | <b>V</b>                    | <b>No</b>   | 1500-6000                            | 15                                    | LED90W-015         | 100-277                     | 90.0                     | 87%        |                    |
|                                                                                                                                                                              |                             |             | 1250-5000                            | 18                                    | LED90W-018         |                             | 90.0                     | 87%        |                    |
|                                                                                                                                                                              |                             |             | 1125-4500                            | 20                                    | LED90W-020         |                             | 90.0                     | 88%        |                    |
|                                                                                                                                                                              |                             |             | 1023-4090                            | 22                                    | LED90W-022         |                             | 90.0                     | 89%        |                    |
|                                                                                                                                                                              |                             |             | 875-3500                             | 25                                    | LED90W-025         |                             | 87.5                     | 89%        |                    |
|                                                                                                                                                                              |                             |             | 833-3330                             | 27                                    | LED90W-027         |                             | 89.9                     | 89%        |                    |
|                                                                                                                                                                              |                             |             | 750-3000                             | 30                                    | LED90W-030         |                             | 90.0                     | 90%        |                    |
|                                                                                                                                                                              |                             |             | 625-2500                             | 36                                    | LED90W-036         |                             | 90.0                     | 90%        |                    |
|                                                                                                                                                                              |                             |             | 469-1875                             | 48                                    | LED90W-048         |                             | 90.0                     | 91%        |                    |
|                                                                                                                                                                              |                             |             | 400-1600                             | 56                                    | LED90W-056         |                             | 89.6                     | 91%        |                    |
|                                                                                                                                                                              |                             |             | 350-1400                             | 64                                    | LED90W-064         |                             | 89.6                     | 91%        |                    |
|                                                                                                                                                                              |                             |             | 263-1050                             | 85                                    | LED90W-085         |                             | 89.2                     | 91%        |                    |
|                                                                                                                                                                              |                             |             | 175-700                              | 128                                   | LED90W-128         |                             | 89.6                     | 92%        |                    |
|                                                                                                                                                                              |                             |             | 113-450                              | 200                                   | LED90W-200         |                             | 90.0                     | 92%        |                    |
|                                                                                                                                                                              |                             |             | 88-350                               | 257                                   | LED90W-257         |                             | 90.0                     | 92%        |                    |

| Series                                                                                                                                                                         | Constant Current or Voltage | Dimming     | Output Current (mA)<br>(range if CV) | Output Voltage (VDC)<br>(range if CC) | Catalog Number      | Nominal Input Voltage (Vac) | Max Output Power (Watts) | Efficiency | In Stock (typical) |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|-------------|--------------------------------------|---------------------------------------|---------------------|-----------------------------|--------------------------|------------|--------------------|
| <b>96W</b><br>• Premium PLED Series<br>• Black Aluminum Case<br>• OA: 6.30" x 2.32" x 1.46"  | <b>C</b>                    | <b>No</b>   | 350                                  | 92-274                                | PLED96W-274-C0350   | 100-277                     | 96                       | 92%        |                    |
|                                                                                                                                                                                |                             |             | 450                                  | 71-213                                | PLED96W-213-C0450   |                             |                          | 92%        |                    |
|                                                                                                                                                                                |                             |             | 700                                  | 46-137                                | PLED96W-137-C0700   |                             |                          | 92%        |                    |
|                                                                                                                                                                                |                             |             | 1050                                 | 31-92                                 | PLED96W-092-C1050   |                             |                          | 91%        |                    |
|                                                                                                                                                                                |                             |             | 1400                                 | 23-69                                 | PLED96W-069-C1400   |                             |                          | 91%        |                    |
|                                                                                                                                                                                |                             |             | 1750                                 | 18-54                                 | PLED96W-054-C1750   |                             |                          | 91%        |                    |
|                                                                                                                                                                                |                             |             | 2000                                 | 16-48                                 | PLED96W-048-C2000   |                             |                          | 90%        |                    |
|                                                                                                                                                                                |                             |             | 2450                                 | 14-39                                 | PLED96W-039-C2450   |                             |                          | 89%        |                    |
|                                                                                                                                                                                |                             |             | 2660                                 | 12-36                                 | PLED96W-036-C2660   |                             |                          | 89%        |                    |
|                                                                                                                                                                                |                             |             | 2800                                 | 12-34                                 | PLED96W-034-C2800   |                             |                          | 89%        |                    |
|                                                                                                                                                                                |                             |             | 3150                                 | 10-30                                 | PLED96W-030-C3150   |                             |                          | 89%        |                    |
|                                                                                                                                                                                |                             |             | 3500                                 | 9-27                                  | PLED96W-027-C3500   |                             |                          | 88%        |                    |
|                                                                                                                                                                                |                             |             | 4000                                 | 8-24                                  | PLED96W-024-C4000   |                             |                          | 88%        |                    |
|                                                                                                                                                                                |                             |             | 5350                                 | 6-18                                  | PLED96W-018-C5350   |                             |                          | 86%        |                    |
|                                                                                                                                                                                | <b>C</b>                    | <b>0-10</b> | 350                                  | 92-274                                | PLED96W-274-C0350-D | 100-277                     | 96                       | 92%        |                    |
|                                                                                                                                                                                |                             |             | 450                                  | 71-213                                | PLED96W-213-C0450-D |                             |                          | 92%        |                    |
|                                                                                                                                                                                |                             |             | 700                                  | 46-137                                | PLED96W-137-C0700-D |                             |                          | 92%        |                    |
|                                                                                                                                                                                |                             |             | 1050                                 | 31-92                                 | PLED96W-092-C1050-D |                             |                          | 91%        |                    |
|                                                                                                                                                                                |                             |             | 1400                                 | 23-69                                 | PLED96W-069-C1400-D |                             |                          | 91%        |                    |
|                                                                                                                                                                                |                             |             | 1750                                 | 18-54                                 | PLED96W-054-C1750-D |                             |                          | 91%        |                    |
|                                                                                                                                                                                |                             |             | 2000                                 | 16-48                                 | PLED96W-048-C2000-D |                             |                          | 90%        |                    |
|                                                                                                                                                                                |                             |             | 2450                                 | 14-39                                 | PLED96W-039-C2450-D |                             |                          | 89%        |                    |
|                                                                                                                                                                                |                             |             | 2660                                 | 12-36                                 | PLED96W-036-C2660-D |                             |                          | 89%        |                    |
|                                                                                                                                                                                |                             |             | 2800                                 | 12-34                                 | PLED96W-034-C2800-D |                             |                          | 89%        |                    |
|                                                                                                                                                                                |                             |             | 3150                                 | 10-30                                 | PLED96W-030-C3150-D |                             |                          | 89%        |                    |
|                                                                                                                                                                                |                             |             | 3500                                 | 9-27                                  | PLED96W-027-C3500-D |                             |                          | 88%        |                    |
|                                                                                                                                                                                |                             |             | 4000                                 | 8-24                                  | PLED96W-024-C4000-D |                             |                          | 88%        |                    |
|                                                                                                                                                                                |                             |             | 5350                                 | 6-18                                  | PLED96W-018-C5350-D |                             |                          | 86%        |                    |

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| Series                                                                                                                                                                               | Constant Current or Voltage | Dimming     | Output Current (mA)<br>(range if CV) | Output Voltage (VDC)<br>(range if CC) | Catalog Number | Nominal Input Voltage (Vac) | Max Output Power (Watts) | Efficiency | In Stock (typical) |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|-------------|--------------------------------------|---------------------------------------|----------------|-----------------------------|--------------------------|------------|--------------------|
| <b>96W</b><br>• Premium <b>PLED</b> Series<br>• Black Aluminum Case<br>• OA: 6.30" x 2.32" x 1.46"  | <b>V</b>                    | <b>No</b>   | 88-350                               | 274                                   | PLED96W-274    | 100-277                     | 96                       | 92%        |                    |
|                                                                                                                                                                                      |                             |             | 113-450                              | 213                                   | PLED96W-213    |                             |                          | 92%        |                    |
|                                                                                                                                                                                      |                             |             | 175-700                              | 137                                   | PLED96W-137    |                             |                          | 92%        |                    |
|                                                                                                                                                                                      |                             |             | 263-1050                             | 92                                    | PLED96W-092    |                             |                          | 91%        |                    |
|                                                                                                                                                                                      |                             |             | 350-1400                             | 69                                    | PLED96W-069    |                             |                          | 91%        |                    |
|                                                                                                                                                                                      |                             |             | 438-1750                             | 54                                    | PLED96W-054    |                             |                          | 91%        |                    |
|                                                                                                                                                                                      |                             |             | 500-2000                             | 48                                    | PLED96W-048    |                             |                          | 90%        |                    |
|                                                                                                                                                                                      |                             |             | 613-2450                             | 39                                    | PLED96W-039    |                             |                          | 89%        |                    |
|                                                                                                                                                                                      |                             |             | 665-2660                             | 36                                    | PLED96W-036    |                             |                          | 89%        |                    |
|                                                                                                                                                                                      |                             |             | 700-2800                             | 34                                    | PLED96W-034    |                             |                          | 89%        |                    |
|                                                                                                                                                                                      |                             |             | 788-3150                             | 30                                    | PLED96W-030    |                             |                          | 89%        |                    |
|                                                                                                                                                                                      |                             |             | 875-3500                             | 27                                    | PLED96W-027    |                             |                          | 88%        |                    |
|                                                                                                                                                                                      |                             |             | 1000-4000                            | 24                                    | PLED96W-024    |                             |                          | 88%        |                    |
|                                                                                                                                                                                      |                             |             | 1338-5350                            | 18                                    | PLED96W-018    |                             |                          | 86%        |                    |
| <b>96W</b><br>• Value <b>TRC</b> Series<br>• Aluminum Case<br>• OA: 7.91" x 2.66" x 1.46"           | <b>C</b>                    | <b>No</b>   | 350                                  | 137-274                               | TRC-096S035ST  | 100-277                     | 96                       | 92%        |                    |
|                                                                                                                                                                                      |                             |             | 450                                  | 106-213                               | TRC-096S045ST  |                             |                          | 92%        |                    |
|                                                                                                                                                                                      |                             |             | 700                                  | 68-137                                | TRC-096S070ST  |                             |                          | 91%        |                    |
|                                                                                                                                                                                      |                             |             | 1050                                 | 46-92                                 | TRC-096S105ST  |                             |                          | 91%        |                    |
|                                                                                                                                                                                      |                             |             | 1400                                 | 35-69                                 | TRC-096S140ST  |                             |                          | 90%        |                    |
|                                                                                                                                                                                      |                             |             | 1750                                 | 27-54.8                               | TRC-096S175ST  |                             |                          | 90%        |                    |
|                                                                                                                                                                                      |                             |             | 2100                                 | 22-45.7                               | TRC-096S210ST  |                             |                          | 89%        |                    |
|                                                                                                                                                                                      |                             |             | 2450                                 | 19-39.1                               | TRC-096S245ST  |                             |                          | 89%        |                    |
|                                                                                                                                                                                      |                             |             | 2800                                 | 17-34.2                               | TRC-096S280ST  |                             |                          | 89%        |                    |
|                                                                                                                                                                                      |                             |             | 3150                                 | 15-30.4                               | TRC-096S315ST  |                             |                          | 88%        |                    |
|                                                                                                                                                                                      |                             |             | 3500                                 | 13-27.4                               | TRC-096S350ST  |                             |                          | 88%        |                    |
|                                                                                                                                                                                      |                             |             | 4000                                 | 12-24                                 | TRC-096S400ST  |                             |                          | 88%        |                    |
|                                                                                                                                                                                      |                             | <b>0-10</b> | 350                                  | 137-274                               | TRC-096S035DT  | 100-277                     | 96                       | 92%        |                    |
|                                                                                                                                                                                      |                             |             | 450                                  | 106-213                               | TRC-096S045DT  |                             |                          | 92%        |                    |
|                                                                                                                                                                                      |                             |             | 700                                  | 68-137                                | TRC-096S070DT  |                             |                          | 91%        |                    |
|                                                                                                                                                                                      |                             |             | 1050                                 | 46-92                                 | TRC-096S105DT  |                             |                          | 91%        | ●                  |
|                                                                                                                                                                                      |                             |             | 1400                                 | 35-69                                 | TRC-096S140DT  |                             |                          | 90%        |                    |
|                                                                                                                                                                                      |                             |             | 1750                                 | 27-54.8                               | TRC-096S175DT  |                             |                          | 90%        |                    |
|                                                                                                                                                                                      |                             |             | 2100                                 | 22-45.7                               | TRC-096S210DT  |                             |                          | 89%        |                    |
|                                                                                                                                                                                      |                             |             | 2450                                 | 19-39.1                               | TRC-096S245DT  |                             |                          | 89%        |                    |
|                                                                                                                                                                                      |                             |             | 2800                                 | 17-34.2                               | TRC-096S280DT  |                             |                          | 89%        | ●                  |
|                                                                                                                                                                                      |                             |             | 3150                                 | 15-30.4                               | TRC-096S315DT  |                             |                          | 88%        |                    |
|                                                                                                                                                                                      |                             |             | 3500                                 | 13-27.4                               | TRC-096S350DT  |                             |                          | 88%        |                    |
|                                                                                                                                                                                      |                             |             | 4000                                 | 12-24                                 | TRC-096S400DT  |                             |                          | 88%        |                    |
| <b>96W</b><br>• Value <b>TRV</b> Series<br>• Aluminum Case<br>• OA: 7.91" x 2.66" x 1.46"         | <b>V</b>                    | <b>No</b>   | 0-4000                               | 24                                    | TRV-096S024ST  | 100-277                     | 96                       | 88%        | ●                  |
|                                                                                                                                                                                      |                             |             | 0-2660                               | 36                                    | TRV-096S036ST  |                             |                          | 89%        |                    |
|                                                                                                                                                                                      |                             |             | 0-2000                               | 48                                    | TRV-096S048ST  |                             |                          | 89%        | ●                  |
|                                                                                                                                                                                      |                             |             | 0-1770                               | 54                                    | TRV-096S054ST  |                             |                          | 90%        |                    |

| Series                                                                                                                                                                                  | Constant Current or Voltage | Dimming   | Output Current (mA)<br>(range if CV) | Output Voltage (VDC)<br>(range if CC) | Catalog Number    | Nominal Input Voltage (Vac) | Max Output Power (Watts) | Efficiency | In Stock (typical) |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|-----------|--------------------------------------|---------------------------------------|-------------------|-----------------------------|--------------------------|------------|--------------------|
| <b>100W</b><br>• Standard <b>LED</b> Series<br>• Black Aluminum Case<br>• OA: 7.25" x 2.81" x 1.83"  | <b>C</b>                    | <b>No</b> | 350                                  | 96-286                                | LED100W-286-C0350 | 100-277                     | 100.0                    | 92%        | ●                  |
|                                                                                                                                                                                         |                             |           | 450                                  | 74-222                                | LED100W-222-C0450 |                             | 99.9                     | 92%        |                    |
|                                                                                                                                                                                         |                             |           | 700                                  | 47-143                                | LED100W-143-C0700 |                             | 100.0                    | 91%        |                    |
|                                                                                                                                                                                         |                             |           | 1050                                 | 31-95                                 | LED100W-095-C1050 |                             | 99.8                     | 91%        | ●                  |
|                                                                                                                                                                                         |                             |           | 1400                                 | 23-71                                 | LED100W-071-C1400 |                             | 99.4                     | 91%        | ●                  |
|                                                                                                                                                                                         |                             |           | 1750                                 | 19-57                                 | LED100W-057-C1750 |                             | 99.7                     | 90%        | ●                  |
|                                                                                                                                                                                         |                             |           | 2100                                 | 16-48                                 | LED100W-048-C2100 |                             | 100.0                    | 90%        |                    |
|                                                                                                                                                                                         |                             |           | 2450                                 | 13-41                                 | LED100W-041-C2450 |                             | 100.0                    | 90%        |                    |
|                                                                                                                                                                                         |                             |           | 2800                                 | 12-36                                 | LED100W-036-C2800 |                             | 100.0                    | 90%        |                    |
|                                                                                                                                                                                         |                             |           | 3150                                 | 10-32                                 | LED100W-032-C3150 |                             | 100.0                    | 90%        |                    |
|                                                                                                                                                                                         |                             |           | 3570                                 | 9-28                                  | LED100W-028-C3570 |                             | 100.0                    | 89%        | ●                  |
|                                                                                                                                                                                         |                             |           | 4200                                 | 8-24                                  | LED100W-024-C4200 |                             | 100.0                    | 89%        |                    |
|                                                                                                                                                                                         |                             |           | 5000                                 | 7-20                                  | LED100W-020-C5000 |                             | 100.0                    | 88%        |                    |
|                                                                                                                                                                                         |                             |           | 5550                                 | 6-18                                  | LED100W-018-C5550 |                             | 99.9                     | 88%        |                    |

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| Series                                                                                                                                                                                             | Constant Current or Voltage | Dimming     | Output Current (mA)<br>(range if CV) | Output Voltage (VDC)<br>(range if CC) | Catalog Number      | Nominal Input Voltage (Vac) | Max Output Power (Watts) | Efficiency | In Stock (typical) |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|-------------|--------------------------------------|---------------------------------------|---------------------|-----------------------------|--------------------------|------------|--------------------|
| <b>100W</b><br>• Standard <b>LED</b> Series<br>• Black Aluminum Case<br>• OA: 7.25" x 2.81" x 1.83"<br>            | <b>C</b>                    | <b>0-10</b> | 350                                  | 96-286                                | LED100W-286-C0350-D | 100-277                     | 100.0                    | 92%        | ●                  |
|                                                                                                                                                                                                    |                             |             | 450                                  | 74-222                                | LED100W-222-C0450-D |                             | 99.9                     | 92%        |                    |
|                                                                                                                                                                                                    |                             |             | 700                                  | 47-143                                | LED100W-143-C0700-D |                             | 100.0                    | 91%        | ●                  |
|                                                                                                                                                                                                    |                             |             | 1050                                 | 31-95                                 | LED100W-095-C1050-D |                             | 99.8                     | 91%        | ●                  |
|                                                                                                                                                                                                    |                             |             | 1400                                 | 23-71                                 | LED100W-071-C1400-D |                             | 99.4                     | 91%        |                    |
|                                                                                                                                                                                                    |                             |             | 1750                                 | 19-57                                 | LED100W-057-C1750-D |                             | 99.7                     | 90%        | ●                  |
|                                                                                                                                                                                                    |                             |             | 2100                                 | 16-48                                 | LED100W-048-C2100-D |                             | 100.0                    | 90%        | ●                  |
|                                                                                                                                                                                                    |                             |             | 2450                                 | 13-41                                 | LED100W-041-C2450-D |                             | 100.0                    | 90%        | ●                  |
|                                                                                                                                                                                                    |                             |             | 2800                                 | 12-36                                 | LED100W-036-C2800-D |                             | 100.0                    | 90%        | ●                  |
|                                                                                                                                                                                                    |                             |             | 3150                                 | 10-32                                 | LED100W-032-C3150-D |                             | 100.0                    | 90%        | ●                  |
|                                                                                                                                                                                                    |                             |             | 3570                                 | 9-28                                  | LED100W-028-C3570-D |                             | 100.0                    | 89%        | ●                  |
|                                                                                                                                                                                                    |                             |             | 4200                                 | 8-24                                  | LED100W-024-C4200-D |                             | 100.0                    | 89%        | ●                  |
|                                                                                                                                                                                                    |                             |             | 5000                                 | 7-20                                  | LED100W-020-C5000-D |                             | 100.0                    | 88%        | ●                  |
|                                                                                                                                                                                                    |                             |             | 5550                                 | 6-18                                  | LED100W-018-C5550-D |                             | 99.9                     | 88%        |                    |
|                                                                                                                                                                                                    | <b>V</b>                    | <b>No</b>   | 1388-5550                            | 18                                    | LED100W-018         | 100-277                     | 99.9                     | 88%        |                    |
|                                                                                                                                                                                                    |                             |             | 1250-5000                            | 20                                    | LED100W-020         |                             | 100.0                    | 88%        |                    |
|                                                                                                                                                                                                    |                             |             | 1050-4200                            | 24                                    | LED100W-024         |                             | 100.0                    | 89%        | ●                  |
|                                                                                                                                                                                                    |                             |             | 893-3570                             | 28                                    | LED100W-028         |                             | 100.0                    | 89%        |                    |
|                                                                                                                                                                                                    |                             |             | 788-3150                             | 32                                    | LED100W-032         |                             | 100.0                    | 90%        |                    |
|                                                                                                                                                                                                    |                             |             | 700-2800                             | 36                                    | LED100W-036         |                             | 100.0                    | 90%        |                    |
|                                                                                                                                                                                                    |                             |             | 613-2450                             | 41                                    | LED100W-041         |                             | 100.0                    | 90%        |                    |
|                                                                                                                                                                                                    |                             |             | 525-2100                             | 48                                    | LED100W-048         |                             | 100.0                    | 90%        | ●                  |
|                                                                                                                                                                                                    |                             |             | 438-1750                             | 57                                    | LED100W-057         |                             | 99.7                     | 90%        |                    |
|                                                                                                                                                                                                    |                             |             | 350-1400                             | 71                                    | LED100W-071         |                             | 99.4                     | 91%        |                    |
|                                                                                                                                                                                                    |                             |             | 263-1050                             | 95                                    | LED100W-095         |                             | 99.8                     | 91%        |                    |
|                                                                                                                                                                                                    |                             |             | 175-700                              | 143                                   | LED100W-143         |                             | 100.0                    | 91%        |                    |
|                                                                                                                                                                                                    |                             |             | 113-450                              | 222                                   | LED100W-222         |                             | 99.9                     | 92%        |                    |
|                                                                                                                                                                                                    |                             |             | 88-350                               | 286                                   | LED100W-286         |                             | 100.0                    | 92%        |                    |
| <b>100W</b><br>• Standard <b>LEG</b> Series<br>• Black Steel F-Can Style Case<br>• OA: 9.47" x 1.80" x 1.32"<br> | <b>C</b>                    | <b>No</b>   | 350                                  | 95-286                                | LEG100W-286-C0350   | 120-277                     | 100.0                    | 92%        |                    |
|                                                                                                                                                                                                    |                             |             | 530                                  | 63-188                                | LEG100W-188-C0530   |                             | 99.6                     | 91%        | ●                  |
|                                                                                                                                                                                                    |                             |             | 700                                  | 48-143                                | LEG100W-143-C0700   |                             | 100.0                    | 90%        | ●                  |
|                                                                                                                                                                                                    |                             |             | 1050                                 | 32-95                                 | LEG100W-095-C1050   |                             | 99.8                     | 89%        | ●                  |
|                                                                                                                                                                                                    |                             | <b>0-10</b> | 350                                  | 95-286                                | LEG100W-286-C0350-D | 120-277                     | 100.0                    | 92%        |                    |
|                                                                                                                                                                                                    |                             |             | 530                                  | 63-188                                | LEG100W-188-C0530-D |                             | 99.6                     | 91%        |                    |
|                                                                                                                                                                                                    |                             |             | 700                                  | 48-143                                | LEG100W-143-C0700-D |                             | 100.0                    | 90%        | ●                  |
|                                                                                                                                                                                                    |                             |             | 1050                                 | 32-95                                 | LEG100W-095-C1050-D |                             | 99.8                     | 89%        |                    |
| <b>100W</b><br>• Value <b>TRC</b> Series<br>• Aluminum Case<br>• OA: 8.70" x 2.66" x 1.46"<br>                   | <b>C</b>                    | <b>No</b>   | 350                                  | 172-286                               | TRC-100S035ST       | 100-277                     | 100                      | 92%        | ●                  |
|                                                                                                                                                                                                    |                             |             | 450                                  | 132-222                               | TRC-100S045ST       |                             |                          | 92%        |                    |
|                                                                                                                                                                                                    |                             |             | 700                                  | 86-143                                | TRC-100S070ST       |                             |                          | 91%        |                    |
|                                                                                                                                                                                                    |                             |             | 1050                                 | 57-95                                 | TRC-100S105ST       |                             |                          | 91%        | ●                  |
|                                                                                                                                                                                                    |                             |             | 1400                                 | 43-71                                 | TRC-100S140ST       |                             |                          | 91%        |                    |
|                                                                                                                                                                                                    |                             |             | 1750                                 | 34-57                                 | TRC-100S175ST       |                             |                          | 91%        |                    |
|                                                                                                                                                                                                    |                             |             | 2100                                 | 29-48                                 | TRC-100S210ST       |                             |                          | 91%        |                    |
|                                                                                                                                                                                                    |                             |             | 2450                                 | 25-41                                 | TRC-100S245ST       |                             |                          | 91%        | ●                  |
|                                                                                                                                                                                                    |                             |             | 2800                                 | 22-36                                 | TRC-100S280ST       |                             |                          | 90%        |                    |
|                                                                                                                                                                                                    |                             |             | 3150                                 | 19-32                                 | TRC-100S315ST       |                             |                          | 90%        |                    |
|                                                                                                                                                                                                    |                             |             | 3570                                 | 17-28                                 | TRC-100S357ST       |                             |                          | 90%        |                    |
|                                                                                                                                                                                                    |                             |             | 4200                                 | 14-24                                 | TRC-100S420ST       |                             |                          | 90%        | ●                  |
|                                                                                                                                                                                                    | <b>C</b>                    | <b>0-10</b> | 350                                  | 172-286                               | TRC-100S035DT       | 100-277                     | 100                      | 91%        |                    |
|                                                                                                                                                                                                    |                             |             | 450                                  | 132-222                               | TRC-100S045DT       |                             |                          | 91%        |                    |
|                                                                                                                                                                                                    |                             |             | 700                                  | 86-143                                | TRC-100S070DT       |                             |                          | 91%        |                    |
|                                                                                                                                                                                                    |                             |             | 1050                                 | 57-95                                 | TRC-100S105DT       |                             |                          | 91%        |                    |
|                                                                                                                                                                                                    |                             |             | 1400                                 | 43-71                                 | TRC-100S140DT       |                             |                          | 91%        |                    |
|                                                                                                                                                                                                    |                             |             | 1750                                 | 34-57                                 | TRC-100S175DT       |                             |                          | 91%        |                    |
|                                                                                                                                                                                                    |                             |             | 2100                                 | 29-48                                 | TRC-100S210DT       |                             |                          | 91%        |                    |
|                                                                                                                                                                                                    |                             |             | 2450                                 | 25-41                                 | TRC-100S245DT       |                             |                          | 91%        |                    |
|                                                                                                                                                                                                    |                             |             | 2800                                 | 22-36                                 | TRC-100S280DT       |                             |                          | 90%        |                    |
|                                                                                                                                                                                                    |                             |             | 3150                                 | 19-32                                 | TRC-100S315DT       |                             |                          | 90%        |                    |
|                                                                                                                                                                                                    |                             |             | 3570                                 | 17-28                                 | TRC-100S357DT       |                             |                          | 90%        |                    |
|                                                                                                                                                                                                    |                             |             | 4200                                 | 14-24                                 | TRC-100S420DT       |                             |                          | 90%        | ●                  |
| <b>100W</b><br>• Value <b>TRV</b> Series<br>• Aluminum Case<br>• OA: 8.31" x 2.66" x 1.46"<br>                   | <b>V</b>                    | <b>No</b>   | 0-8330                               | 12                                    | TRV-100S012ST       | 100-277                     | 100                      | 91%        |                    |
|                                                                                                                                                                                                    |                             |             | 0-4050                               | 24                                    | TRV-100S024ST       |                             |                          | 93%        |                    |
|                                                                                                                                                                                                    |                             |             | 0-2750                               | 36                                    | TRV-100S036ST       |                             |                          | 93%        |                    |
|                                                                                                                                                                                                    |                             |             | 0-2350                               | 42                                    | TRV-100S042ST       |                             |                          | 93%        |                    |
|                                                                                                                                                                                                    |                             |             | 0-2080                               | 48                                    | TRV-100S048ST       |                             |                          | 92%        |                    |
|                                                                                                                                                                                                    |                             |             | 0-1950                               | 54                                    | TRV-100S054ST       |                             |                          | 92%        |                    |
|                                                                                                                                                                                                    |                             |             | 0-1230                               | 81                                    | TRV-100S081ST       |                             |                          | 93%        |                    |
|                                                                                                                                                                                                    |                             |             | 0-950                                | 105                                   | TRV-100S105ST       |                             |                          | 93%        |                    |

# LED DRIVERS

| Series                                                                                                                                                                                            | Constant Current or Voltage | Dimming     | Output Current (mA)<br>(range if CV) | Output Voltage (VDC)<br>(range if CC) | Catalog Number       | Nominal Input Voltage (Vac) | Max Output Power (Watts) | Efficiency | In Stock (typical) |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|-------------|--------------------------------------|---------------------------------------|----------------------|-----------------------------|--------------------------|------------|--------------------|
| <b>120W</b><br>• Standard <b>LEG</b> Series<br>• Black Steel F-Can Style Case<br>• OA: 9.47" x 1.80" x 1.32"<br> | <b>C</b>                    | <b>No</b>   | 350                                  | 114-343                               | LEG120W-343-C0350    | 120-277                     | 120.0                    | 91%        |                    |
|                                                                                                                                                                                                   |                             |             | 530                                  | 75-226                                | LEG120W-226-C0530    |                             | 120.0                    | 91%        |                    |
|                                                                                                                                                                                                   |                             |             | 700                                  | 57-171                                | LEG120W-171-C0700    |                             | 119.7                    | 90%        |                    |
|                                                                                                                                                                                                   |                             |             | 1050                                 | 38-114                                | LEG120W-114-C1050    |                             | 119.7                    | 89%        | ●                  |
|                                                                                                                                                                                                   |                             | <b>0-10</b> | 350                                  | 114-343                               | LEG120W-343-C0350-D  | 120-277                     | 120.0                    | 91%        | ●                  |
|                                                                                                                                                                                                   |                             |             | 530                                  | 75-226                                | LEG120W-226-C0530-D  |                             | 120.0                    | 91%        |                    |
|                                                                                                                                                                                                   |                             |             | 700                                  | 57-171                                | LEG120W-171-C0700-D  |                             | 119.7                    | 90%        | ●                  |
|                                                                                                                                                                                                   |                             |             | 1050                                 | 38-114                                | LEG120W-114-C1050-D  |                             | 119.7                    | 89%        |                    |
|                                                                                                                                                                                                   |                             |             | 350                                  | 114 - 343                             | PLED120W-343-C0350   | 100-277                     | 120                      | 93%        |                    |
|                                                                                                                                                                                                   |                             |             | 450                                  | 88 - 266                              | PLED120W-266-C0450   |                             |                          | 93%        |                    |
| <b>120W</b><br>• Premium <b>PLED</b> Series<br>• Black Aluminum Case<br>• OA: 7.60" x 2.32" x 1.48"<br>          | <b>C</b>                    | <b>No</b>   | 700                                  | 57 - 171                              | PLED120W-171-C0700   |                             |                          | 93%        |                    |
|                                                                                                                                                                                                   |                             |             | 1050                                 | 38 - 114                              | PLED120W-114-C1050   |                             |                          | 92%        |                    |
|                                                                                                                                                                                                   |                             |             | 1400                                 | 28 - 86                               | PLED120W-086-C1400   |                             |                          | 92%        |                    |
|                                                                                                                                                                                                   |                             |             | 1750                                 | 22 - 68                               | PLED120W-068-C1750   |                             |                          | 92%        |                    |
|                                                                                                                                                                                                   |                             |             | 2100                                 | 19 - 57                               | PLED120W-057-C2100   |                             |                          | 92%        |                    |
|                                                                                                                                                                                                   |                             |             | 2450                                 | 16 - 49                               | PLED120W-049-C2450   |                             |                          | 92%        |                    |
|                                                                                                                                                                                                   |                             |             | 2800                                 | 14 - 43                               | PLED120W-043-C2800   |                             |                          | 91%        |                    |
|                                                                                                                                                                                                   |                             |             | 3150                                 | 13 - 38                               | PLED120W-038-C3150   |                             |                          | 91%        |                    |
|                                                                                                                                                                                                   |                             |             | 3500                                 | 12 - 34                               | PLED120W-034-C3500   |                             |                          | 91%        |                    |
|                                                                                                                                                                                                   |                             |             | 4200                                 | 9 - 28                                | PLED120W-028-C4200   |                             |                          | 91%        |                    |
|                                                                                                                                                                                                   |                             |             | 5000                                 | 8 - 24                                | PLED120W-024-C5000   |                             |                          | 89%        |                    |
|                                                                                                                                                                                                   | <b>C</b>                    | <b>0-10</b> | 350                                  | 114 - 343                             | PLED120W-343-C0350-D | 100-277                     | 120                      | 93%        |                    |
|                                                                                                                                                                                                   |                             |             | 450                                  | 88 - 266                              | PLED120W-266-C0450-D |                             |                          | 93%        |                    |
|                                                                                                                                                                                                   |                             |             | 700                                  | 57 - 171                              | PLED120W-171-C0700-D |                             |                          | 93%        |                    |
|                                                                                                                                                                                                   |                             |             | 1050                                 | 38 - 114                              | PLED120W-114-C1050-D |                             |                          | 92%        |                    |
|                                                                                                                                                                                                   |                             |             | 1400                                 | 28 - 86                               | PLED120W-086-C1400-D |                             |                          | 92%        |                    |
|                                                                                                                                                                                                   |                             |             | 1750                                 | 22 - 68                               | PLED120W-068-C1750-D |                             |                          | 92%        |                    |
|                                                                                                                                                                                                   |                             |             | 2100                                 | 19 - 57                               | PLED120W-057-C2100-D |                             |                          | 92%        |                    |
|                                                                                                                                                                                                   |                             |             | 2450                                 | 16 - 49                               | PLED120W-049-C2450-D |                             |                          | 92%        |                    |
|                                                                                                                                                                                                   |                             |             | 2800                                 | 14 - 43                               | PLED120W-043-C2800-D |                             |                          | 91%        |                    |
|                                                                                                                                                                                                   |                             |             | 3150                                 | 13 - 38                               | PLED120W-038-C3150-D |                             |                          | 91%        |                    |
|                                                                                                                                                                                                   |                             |             | 3500                                 | 12 - 34                               | PLED120W-034-C3500-D |                             |                          | 91%        |                    |
|                                                                                                                                                                                                   |                             |             | 4200                                 | 9 - 28                                | PLED120W-028-C4200-D |                             |                          | 91%        |                    |
|                                                                                                                                                                                                   |                             |             | 5000                                 | 8 - 24                                | PLED120W-024-C5000-D |                             |                          | 89%        |                    |
|                                                                                                                                                                                                   | <b>V</b>                    | <b>No</b>   | 0-350                                | 343                                   | PLED120W-343         | 100-277                     | 120                      | 93%        |                    |
|                                                                                                                                                                                                   |                             |             | 0-450                                | 266                                   | PLED120W-266         |                             |                          | 93%        |                    |
|                                                                                                                                                                                                   |                             |             | 0-700                                | 171                                   | PLED120W-171         |                             |                          | 93%        |                    |
|                                                                                                                                                                                                   |                             |             | 0-1050                               | 114                                   | PLED120W-114         |                             |                          | 92%        |                    |
|                                                                                                                                                                                                   |                             |             | 0-1400                               | 86                                    | PLED120W-086         |                             |                          | 92%        |                    |
|                                                                                                                                                                                                   |                             |             | 0-1750                               | 68                                    | PLED120W-068         |                             |                          | 92%        |                    |
|                                                                                                                                                                                                   |                             |             | 0-2100                               | 57                                    | PLED120W-057         |                             |                          | 92%        |                    |
|                                                                                                                                                                                                   |                             |             | 0-2450                               | 49                                    | PLED120W-049         |                             |                          | 92%        |                    |
|                                                                                                                                                                                                   |                             |             | 0-2800                               | 43                                    | PLED120W-043         |                             |                          | 91%        |                    |
|                                                                                                                                                                                                   |                             |             | 0-3150                               | 38                                    | PLED120W-038         |                             |                          | 91%        |                    |
|                                                                                                                                                                                                   |                             |             | 0-3500                               | 34                                    | PLED120W-034         |                             |                          | 91%        |                    |
|                                                                                                                                                                                                   |                             |             | 0-4200                               | 28                                    | PLED120W-028         |                             |                          | 91%        |                    |
|                                                                                                                                                                                                   |                             |             | 0-5000                               | 24                                    | PLED120W-024         |                             |                          | 89%        |                    |
| <b>120W</b><br>• Value <b>TRC</b> Series<br>• Aluminum Case<br>• OA: 8.70" x 2.66" x 1.46"<br>                 | <b>C</b>                    | <b>No</b>   | 350                                  | 206-343                               | TRC-120S035ST        | 100-277                     | 120                      | 92%        | ●                  |
|                                                                                                                                                                                                   |                             |             | 450                                  | 160-266                               | TRC-120S045ST        |                             |                          | 92%        |                    |
|                                                                                                                                                                                                   |                             |             | 700                                  | 103-171                               | TRC-120S070ST        |                             |                          | 92%        |                    |
|                                                                                                                                                                                                   |                             |             | 1050                                 | 68-114                                | TRC-120S105ST        |                             |                          | 91%        |                    |
|                                                                                                                                                                                                   |                             |             | 1400                                 | 52-86                                 | TRC-120S140ST        |                             |                          | 91%        |                    |
|                                                                                                                                                                                                   |                             |             | 1750                                 | 41-68                                 | TRC-120S175ST        |                             |                          | 91%        |                    |
|                                                                                                                                                                                                   |                             |             | 2100                                 | 34-57                                 | TRC-120S210ST        |                             |                          | 91%        | ●                  |
|                                                                                                                                                                                                   |                             |             | 2450                                 | 29-49                                 | TRC-120S245ST        |                             |                          | 91%        |                    |
|                                                                                                                                                                                                   |                             |             | 2800                                 | 26-43                                 | TRC-120S280ST        |                             |                          | 91%        |                    |
|                                                                                                                                                                                                   |                             |             | 3150                                 | 23-38                                 | TRC-120S315ST        |                             |                          | 91%        | ●                  |
|                                                                                                                                                                                                   |                             |             | 3500                                 | 20-34                                 | TRC-120S350ST        |                             |                          | 91%        | ●                  |
|                                                                                                                                                                                                   |                             |             | 4200                                 | 17-28                                 | TRC-120S420ST        |                             |                          | 91%        |                    |
|                                                                                                                                                                                                   |                             |             | 4900                                 | 14-24                                 | TRC-120S490ST        |                             |                          | 91%        |                    |
|                                                                                                                                                                                                   |                             | <b>0-10</b> | 350                                  | 206-343                               | TRC-120S035DT        | 100-277                     | 120                      | 91%        | ●                  |
|                                                                                                                                                                                                   |                             |             | 450                                  | 160-266                               | TRC-120S045DT        |                             |                          | 91%        |                    |
|                                                                                                                                                                                                   |                             |             | 700                                  | 103-171                               | TRC-120S070DT        |                             |                          | 91%        | ●                  |
|                                                                                                                                                                                                   |                             |             | 1050                                 | 68-114                                | TRC-120S105DT        |                             |                          | 91%        |                    |
|                                                                                                                                                                                                   |                             |             | 1400                                 | 52-86                                 | TRC-120S140DT        |                             |                          | 91%        |                    |
|                                                                                                                                                                                                   |                             |             | 1750                                 | 41-68                                 | TRC-120S175DT        |                             |                          | 91%        |                    |
|                                                                                                                                                                                                   |                             |             | 2100                                 | 34-57                                 | TRC-120S210DT        |                             |                          | 91%        |                    |
|                                                                                                                                                                                                   |                             |             | 2450                                 | 29-49                                 | TRC-120S245DT        |                             |                          | 91%        |                    |
|                                                                                                                                                                                                   |                             |             | 2800                                 | 26-43                                 | TRC-120S280DT        |                             |                          | 91%        |                    |
|                                                                                                                                                                                                   |                             |             | 3150                                 | 23-38                                 | TRC-120S315DT        |                             |                          | 90%        |                    |
|                                                                                                                                                                                                   |                             |             | 3500                                 | 20-34                                 | TRC-120S350DT        |                             |                          | 90%        | ●                  |
|                                                                                                                                                                                                   |                             |             | 4200                                 | 17-28                                 | TRC-120S420DT        |                             |                          | 90%        | ●                  |
|                                                                                                                                                                                                   |                             |             | 4900                                 | 14-24                                 | TRC-120S490DT        |                             |                          | 90%        |                    |

# LED DRIVERS

| Series                                                                                                                                                                                           | Constant Current or Voltage | Dimming     | Output Current (mA)<br>(range if CV) | Output Voltage (VDC)<br>(range if CC) | Catalog Number       | Nominal Input Voltage (Vac) | Max Output Power (Watts) | Efficiency | In Stock (typical) |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|-------------|--------------------------------------|---------------------------------------|----------------------|-----------------------------|--------------------------|------------|--------------------|
| <b>150W</b><br>• Standard <b>LEG</b> Series<br>• Black Steel F-Can Style Case<br>• OA: 9.47" x 2.30" x 1.65"<br> | <b>C</b>                    | <b>No</b>   | 350                                  | 120-425                               | LEG150W-425-C0350    | 120-277                     | 148.7                    | 92%        |                    |
|                                                                                                                                                                                                  |                             |             | 530                                  | 94-280                                | LEG150W-280-C0530    |                             | 148.4                    | 91%        | ●                  |
|                                                                                                                                                                                                  |                             |             | 700                                  | 70-210                                | LEG150W-210-C0700    |                             | 147.0                    | 90%        | ●                  |
|                                                                                                                                                                                                  |                             | <b>0-10</b> | 350                                  | 120-425                               | LEG150W-425-C0350-D  | 120-277                     | 148.7                    | 92%        |                    |
|                                                                                                                                                                                                  |                             |             | 530                                  | 94-280                                | LEG150W-280-C0530-D  |                             | 148.4                    | 91%        |                    |
|                                                                                                                                                                                                  |                             |             | 700                                  | 70-210                                | LEG150W-210-C0700-D  |                             | 147.0                    | 90%        |                    |
| <b>150W</b><br>• Premium <b>PLED</b> Series<br>• Black Aluminum Case<br>• OA: 7.60" x 2.32" x 1.48"<br>          | <b>C</b>                    | <b>No</b>   | 350                                  | 142-428                               | PLED150W-428-C0350   | 100-277                     | 150                      | 92%        |                    |
|                                                                                                                                                                                                  |                             |             | 450                                  | 110-333                               | PLED150W-333-C0450   |                             |                          | 92%        |                    |
|                                                                                                                                                                                                  |                             |             | 700                                  | 70-214                                | PLED150W-214-C0700   |                             |                          | 92%        |                    |
|                                                                                                                                                                                                  |                             |             | 1050                                 | 47-142                                | PLED150W-142-C1050   |                             |                          | 91%        |                    |
|                                                                                                                                                                                                  |                             |             | 1400                                 | 36-107                                | PLED150W-107-C1400   |                             |                          | 91%        |                    |
|                                                                                                                                                                                                  |                             |             | 1750                                 | 28-85                                 | PLED150W-085-C1750   |                             |                          | 91%        |                    |
|                                                                                                                                                                                                  |                             |             | 2100                                 | 24-71                                 | PLED150W-071-C2100   |                             |                          | 91%        |                    |
|                                                                                                                                                                                                  |                             |             | 2450                                 | 20-61                                 | PLED150W-061-C2450   |                             |                          | 91%        |                    |
|                                                                                                                                                                                                  |                             |             | 2800                                 | 18-53                                 | PLED150W-053-C2800   |                             |                          | 90%        |                    |
|                                                                                                                                                                                                  |                             |             | 3150                                 | 16-48                                 | PLED150W-048-C3150   |                             |                          | 90%        |                    |
|                                                                                                                                                                                                  |                             |             | 3500                                 | 14-42                                 | PLED150W-042-C3500   |                             |                          | 90%        |                    |
|                                                                                                                                                                                                  |                             |             | 4200                                 | 12-35                                 | PLED150W-035-C4200   |                             |                          | 90%        |                    |
|                                                                                                                                                                                                  |                             |             | 4900                                 | 10-30                                 | PLED150W-030-C4900   |                             |                          | 89%        |                    |
|                                                                                                                                                                                                  |                             |             | 6250                                 | 8-24                                  | PLED150W-024-C6250   |                             |                          | 88%        |                    |
|                                                                                                                                                                                                  |                             | <b>0-10</b> | 350                                  | 142-428                               | PLED150W-428-C0350-D | 100-277                     | 150                      | 92%        |                    |
|                                                                                                                                                                                                  |                             |             | 450                                  | 110-333                               | PLED150W-333-C0450-D |                             |                          | 92%        |                    |
|                                                                                                                                                                                                  |                             |             | 700                                  | 70-214                                | PLED150W-214-C0700-D |                             |                          | 92%        |                    |
|                                                                                                                                                                                                  |                             |             | 1050                                 | 47-142                                | PLED150W-142-C1050-D |                             |                          | 91%        |                    |
|                                                                                                                                                                                                  |                             |             | 1400                                 | 36-107                                | PLED150W-107-C1400-D |                             |                          | 91%        |                    |
|                                                                                                                                                                                                  |                             |             | 1750                                 | 28-85                                 | PLED150W-085-C1750-D |                             |                          | 91%        |                    |
|                                                                                                                                                                                                  |                             |             | 2100                                 | 24-71                                 | PLED150W-071-C2100-D |                             |                          | 91%        |                    |
|                                                                                                                                                                                                  |                             |             | 2450                                 | 20-61                                 | PLED150W-061-C2450-D |                             |                          | 91%        |                    |
|                                                                                                                                                                                                  |                             |             | 2800                                 | 18-53                                 | PLED150W-053-C2800-D |                             |                          | 90%        |                    |
|                                                                                                                                                                                                  |                             |             | 3150                                 | 16-48                                 | PLED150W-048-C3150-D |                             |                          | 90%        |                    |
|                                                                                                                                                                                                  |                             |             | 3500                                 | 14-42                                 | PLED150W-042-C3500-D |                             |                          | 90%        |                    |
|                                                                                                                                                                                                  |                             |             | 4200                                 | 12-35                                 | PLED150W-035-C4200-D |                             |                          | 90%        |                    |
|                                                                                                                                                                                                  |                             |             | 4900                                 | 10-30                                 | PLED150W-030-C4900-D |                             |                          | 89%        |                    |
|                                                                                                                                                                                                  |                             |             | 6250                                 | 8-24                                  | PLED150W-024-C6250-D |                             |                          | 88%        |                    |
|                                                                                                                                                                                                  |                             | <b>No</b>   | 0-350                                | 428                                   | PLED150W-428         | 100-277                     | 150                      | 92%        |                    |
|                                                                                                                                                                                                  |                             |             | 0-450                                | 333                                   | PLED150W-333         |                             |                          | 92%        |                    |
|                                                                                                                                                                                                  |                             |             | 0-700                                | 214                                   | PLED150W-214         |                             |                          | 92%        |                    |
|                                                                                                                                                                                                  |                             |             | 0-1050                               | 142                                   | PLED150W-142         |                             |                          | 91%        |                    |
|                                                                                                                                                                                                  |                             |             | 0-1400                               | 107                                   | PLED150W-107         |                             |                          | 91%        |                    |
|                                                                                                                                                                                                  |                             |             | 0-1750                               | 85                                    | PLED150W-085         |                             |                          | 91%        |                    |
|                                                                                                                                                                                                  |                             |             | 0-2100                               | 71                                    | PLED150W-071         |                             |                          | 91%        |                    |
|                                                                                                                                                                                                  |                             |             | 0-2450                               | 61                                    | PLED150W-061         |                             |                          | 91%        |                    |
|                                                                                                                                                                                                  |                             |             | 0-2800                               | 53                                    | PLED150W-053         |                             |                          | 90%        |                    |
|                                                                                                                                                                                                  |                             |             | 0-3150                               | 47                                    | PLED150W-048         |                             |                          | 90%        |                    |
|                                                                                                                                                                                                  |                             |             | 0-3500                               | 42                                    | PLED150W-042         |                             |                          | 90%        |                    |
|                                                                                                                                                                                                  |                             |             | 0-4200                               | 35                                    | PLED150W-035         |                             |                          | 90%        |                    |
|                                                                                                                                                                                                  |                             |             | 0-4900                               | 30                                    | PLED150W-030         |                             |                          | 89%        |                    |
|                                                                                                                                                                                                  |                             |             | 0-6250                               | 24                                    | PLED150W-024         |                             |                          | 88%        |                    |
| <b>150W</b><br>• Value <b>TRC</b> Series<br>• Aluminum Case<br>• OA: 10.43" x 3.13" x 1.81"<br>                | <b>C</b>                    | <b>No</b>   | 350                                  | 256-428                               | TRC-150S035ST        | 100-277                     | 150                      | 92%        | ●                  |
|                                                                                                                                                                                                  |                             |             | 450                                  | 200-333                               | TRC-150S045ST        |                             |                          | 92%        |                    |
|                                                                                                                                                                                                  |                             |             | 700                                  | 128-214                               | TRC-150S070ST        |                             |                          | 92%        |                    |
|                                                                                                                                                                                                  |                             |             | 1050                                 | 85-142                                | TRC-150S105ST        |                             |                          | 92%        |                    |
|                                                                                                                                                                                                  |                             |             | 1400                                 | 64-107                                | TRC-150S140ST        |                             |                          | 91%        |                    |
|                                                                                                                                                                                                  |                             |             | 1750                                 | 51-85                                 | TRC-150S175ST        |                             |                          | 91%        |                    |
|                                                                                                                                                                                                  |                             |             | 2100                                 | 42-71                                 | TRC-150S210ST        |                             |                          | 91%        |                    |
|                                                                                                                                                                                                  |                             |             | 2450                                 | 36-61                                 | TRC-150S245ST        |                             |                          | 91%        |                    |
|                                                                                                                                                                                                  |                             |             | 2800                                 | 31-53                                 | TRC-150S280ST        |                             |                          | 91%        | ●                  |
|                                                                                                                                                                                                  |                             |             | 3150                                 | 28-47                                 | TRC-150S315ST        |                             |                          | 91%        |                    |
|                                                                                                                                                                                                  |                             |             | 3500                                 | 25-42                                 | TRC-150S350ST        |                             |                          | 91%        |                    |
|                                                                                                                                                                                                  |                             |             | 4200                                 | 21-35                                 | TRC-150S420ST        |                             |                          | 90%        |                    |
|                                                                                                                                                                                                  |                             |             | 4900                                 | 18-30                                 | TRC-150S490ST        |                             |                          | 90%        |                    |
|                                                                                                                                                                                                  |                             |             | 5950                                 | 15-25                                 | TRC-150S595ST        |                             |                          | 90%        |                    |
|                                                                                                                                                                                                  |                             | <b>0-10</b> | 350                                  | 214-428                               | TRC-150S035DT        | 100-277                     | 150                      | 93.5%      |                    |
|                                                                                                                                                                                                  |                             |             | 450                                  | 166-333                               | TRC-150S045DT        |                             |                          | 93%        |                    |
|                                                                                                                                                                                                  |                             |             | 700                                  | 107-214                               | TRC-150S070DT        |                             |                          | 93%        |                    |
|                                                                                                                                                                                                  |                             |             | 1050                                 | 107-142                               | TRC-150S105DT        |                             |                          | 93%        |                    |
|                                                                                                                                                                                                  |                             |             | 1400                                 | 53-107                                | TRC-150S140DT        |                             |                          | 92.5%      |                    |



# LED DRIVERS

| Series                                                                                                                                                                                            | Constant Current or Voltage | Dimming     | Output Current (mA)<br>(range if CV) | Output Voltage (VDC)<br>(range if CC) | Catalog Number | Nominal Input Voltage (Vac) | Max Output Power (Watts) | Efficiency | In Stock (typical) |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|-------------|--------------------------------------|---------------------------------------|----------------|-----------------------------|--------------------------|------------|--------------------|
| <b>150W</b><br>• Value <b>TRV</b> Series<br>• Aluminum Case<br>• OA: 8.90" x 2.66" x 1.57"                       | <b>V</b>                    | <b>No</b>   | 0-12.5                               | 12                                    | TRV-150S012ST  | 100-277                     | 150                      | 92%        |                    |
|                                                                                                                                                                                                   |                             |             | 0-7.50                               | 20                                    | TRV-150S020ST  |                             |                          | 92%        |                    |
|                                                                                                                                                                                                   |                             |             | 0-6.25                               | 24                                    | TRV-150S024ST  |                             |                          | 93%        | ●                  |
|                                                                                                                                                                                                   |                             |             | 0-4.17                               | 36                                    | TRV-150S036ST  |                             |                          | 93%        |                    |
|                                                                                                                                                                                                   |                             |             | 0-3.75                               | 40                                    | TRV-150S040ST  |                             |                          | 93%        |                    |
|                                                                                                                                                                                                   |                             |             | 0-3.57                               | 42                                    | TRV-150S042ST  |                             |                          | 94%        |                    |
|                                                                                                                                                                                                   |                             |             | 0-3.13                               | 48                                    | TRV-150S048ST  |                             |                          | 93%        |                    |
|                                                                                                                                                                                                   |                             |             | 0-3.00                               | 50                                    | TRV-150S050ST  |                             |                          | 93%        |                    |
|                                                                                                                                                                                                   |                             |             | 0-2.88                               | 52                                    | TRV-150S052ST  |                             |                          | 93%        |                    |
|                                                                                                                                                                                                   |                             |             | 0-2.78                               | 54                                    | TRV-150S054ST  |                             |                          | 93%        |                    |
|                                                                                                                                                                                                   |                             |             | 0-2.68                               | 56                                    | TRV-150S056ST  |                             |                          | 93%        |                    |
|                                                                                                                                                                                                   |                             |             | 0-1.85                               | 81                                    | TRV-150S081ST  |                             |                          | 94%        |                    |
|                                                                                                                                                                                                   |                             |             | 0-1.42                               | 105                                   | TRV-150S105ST  |                             |                          | 94%        |                    |
| <b>150W</b><br>• <b>TSC</b> Series<br>• <b>277-480V Input</b><br>• Aluminum Case<br>• OA: 8.74" x 3.70" x 1.71"  | <b>C</b>                    | <b>No</b>   | 580                                  | 129-258                               | TSC-150S058ST  | 277-480                     | 150                      | 91%        | ●                  |
|                                                                                                                                                                                                   |                             |             | 700                                  | 107-214                               | TSC-150S070ST  |                             |                          | 91%        |                    |
|                                                                                                                                                                                                   |                             |             | 1050                                 | 71-142                                | TSC-150S105ST  |                             |                          | 90%        |                    |
|                                                                                                                                                                                                   |                             |             | 1400                                 | 53-107                                | TSC-150S140ST  |                             |                          | 90%        |                    |
|                                                                                                                                                                                                   |                             |             | 2100                                 | 35-71                                 | TSC-150S210ST  |                             |                          | 90%        |                    |
|                                                                                                                                                                                                   |                             |             | 2800                                 | 27-54                                 | TSC-150S280ST  |                             |                          | 90%        |                    |
|                                                                                                                                                                                                   |                             |             | 3500                                 | 21-43                                 | TSC-150S350ST  |                             |                          | 89%        |                    |
|                                                                                                                                                                                                   |                             | <b>0-10</b> | 4200                                 | 18-36                                 | TSC-150S420ST  | 277-480                     | 150                      | 89%        |                    |
|                                                                                                                                                                                                   |                             |             | 580                                  | 129-258                               | TSC-150S058DT  |                             |                          | 91%        |                    |
|                                                                                                                                                                                                   |                             |             | 700                                  | 107-214                               | TSC-150S070DT  |                             |                          | 91%        |                    |
|                                                                                                                                                                                                   |                             |             | 1050                                 | 71-142                                | TSC-150S105DT  |                             |                          | 90%        |                    |
|                                                                                                                                                                                                   |                             |             | 1400                                 | 53-107                                | TSC-150S140DT  |                             |                          | 90%        |                    |
|                                                                                                                                                                                                   |                             |             | 2100                                 | 35-71                                 | TSC-150S210DT  |                             |                          | 90%        |                    |
|                                                                                                                                                                                                   |                             |             | 2800                                 | 27-54                                 | TSC-150S280DT  |                             |                          | 90%        | ●                  |
|                                                                                                                                                                                                   |                             |             | 3500                                 | 21-43                                 | TSC-150S350DT  |                             |                          | 89%        |                    |
|                                                                                                                                                                                                   |                             |             | 4200                                 | 18-36                                 | TSC-150S420DT  |                             |                          | 89%        |                    |

| Series                                                                                                                                                                                                  | Constant Current or Voltage | Dimming     | Output Current (mA)<br>(range if CV) | Output Voltage (VDC)<br>(range if CC) | Catalog Number | Nominal Input Voltage (Vac) | Max Output Power (Watts) | Efficiency | In Stock (typical) |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|-------------|--------------------------------------|---------------------------------------|----------------|-----------------------------|--------------------------|------------|--------------------|
| <b>152W</b><br>• <b>TRC-Q</b> Series<br>• <b>4 Channel Output</b><br>• Aluminum Case<br>• OA: 8.37" x 3.46" x 1.50"  | <b>C</b>                    | <b>No</b>   | 4 X 700                              | 29-54                                 | TRC-152Q070ST  | 100-277                     | 151 W                    | 91%        |                    |
|                                                                                                                                                                                                         |                             |             | 4 X 1050                             | 19-36                                 | TRC-152Q105ST  |                             | 151 W                    | 90%        |                    |
|                                                                                                                                                                                                         |                             |             | 4 X 1400                             | 14-25                                 | TRC-152Q140ST  |                             | 140 W                    | 89%        |                    |
|                                                                                                                                                                                                         |                             | <b>0-10</b> | 4 X 700                              | 29-54                                 | TRC-152Q070DT  | 100-277                     | 151 W                    | 91%        | ●                  |
|                                                                                                                                                                                                         |                             |             | 4 X 1050                             | 19-36                                 | TRC-152Q105DT  |                             | 151 W                    | 90%        |                    |
|                                                                                                                                                                                                         |                             |             | 4 X 1400                             | 14-25                                 | TRC-152Q140DT  |                             | 140 W                    | 89%        |                    |

| Series                                                                                                                                                                                  | Constant Current or Voltage | Dimming     | Output Current (mA)<br>(range if CV) | Output Voltage (VDC)<br>(range if CC) | Catalog Number       | Nominal Input Voltage (Vac) | Max Output Power (Watts) | Efficiency | In Stock (typical) |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|-------------|--------------------------------------|---------------------------------------|----------------------|-----------------------------|--------------------------|------------|--------------------|
| <b>200W</b><br>• Premium <b>PLED</b> Series<br>• Black Aluminum Case<br>• OA: 9.32" x 2.32" x 1.48"  | <b>C</b>                    | <b>No</b>   | 450                                  | 267-445                               | PLED200W-445-C0450   | 100-277                     | 200                      | 93%        |                    |
|                                                                                                                                                                                         |                             |             | 700                                  | 171-285                               | PLED200W-285-C0700   |                             |                          | 93%        |                    |
|                                                                                                                                                                                         |                             |             | 1050                                 | 114-190                               | PLED200W-190-C1050   |                             |                          | 93%        |                    |
|                                                                                                                                                                                         |                             |             | 1400                                 | 85-142                                | PLED200W-142-C1400   |                             |                          | 93%        |                    |
|                                                                                                                                                                                         |                             |             | 1750                                 | 68-114                                | PLED200W-114-C1750   |                             |                          | 92%        |                    |
|                                                                                                                                                                                         |                             |             | 2100                                 | 57-95                                 | PLED200W-095-C2100   |                             |                          | 92%        |                    |
|                                                                                                                                                                                         |                             |             | 2450                                 | 48-81                                 | PLED200W-081-C2450   |                             |                          | 92%        |                    |
|                                                                                                                                                                                         |                             |             | 2800                                 | 42-71                                 | PLED200W-071-C2800   |                             |                          | 91%        |                    |
|                                                                                                                                                                                         |                             |             | 3150                                 | 38-63                                 | PLED200W-063-C3150   |                             |                          | 91%        |                    |
|                                                                                                                                                                                         |                             |             | 3500                                 | 34-57                                 | PLED200W-057-C3500   |                             |                          | 91%        |                    |
|                                                                                                                                                                                         |                             |             | 4200                                 | 28-47                                 | PLED200W-047-C4200   |                             |                          | 91%        |                    |
|                                                                                                                                                                                         |                             |             | 4900                                 | 24-40                                 | PLED200W-040-C4900   |                             |                          | 91%        |                    |
|                                                                                                                                                                                         |                             |             | 5600                                 | 21-35                                 | PLED200W-035-C5600   |                             |                          | 91%        |                    |
|                                                                                                                                                                                         |                             |             | 6300                                 | 19-32                                 | PLED200W-032-C6300   |                             |                          | 91%        |                    |
|                                                                                                                                                                                         |                             |             | 8330                                 | 14-24                                 | PLED200W-024-C8330   |                             |                          | 90%        |                    |
|                                                                                                                                                                                         |                             | <b>0-10</b> | 450                                  | 267-445                               | PLED200W-445-C0450-D | 100-277                     | 200                      | 93%        |                    |
|                                                                                                                                                                                         |                             |             | 700                                  | 171-285                               | PLED200W-285-C0700-D |                             |                          | 93%        |                    |
|                                                                                                                                                                                         |                             |             | 1050                                 | 114-190                               | PLED200W-190-C1050-D |                             |                          | 93%        |                    |
|                                                                                                                                                                                         |                             |             | 1400                                 | 85-142                                | PLED200W-142-C1400-D |                             |                          | 93%        |                    |
|                                                                                                                                                                                         |                             |             | 1750                                 | 68-114                                | PLED200W-114-C1750-D |                             |                          | 92%        |                    |
|                                                                                                                                                                                         |                             |             | 2100                                 | 57-95                                 | PLED200W-095-C2100-D |                             |                          | 92%        |                    |
|                                                                                                                                                                                         |                             |             | 2450                                 | 48-81                                 | PLED200W-081-C2450-D |                             |                          | 92%        |                    |
|                                                                                                                                                                                         |                             |             | 2800                                 | 42-71                                 | PLED200W-071-C2800-D |                             |                          | 91%        |                    |
|                                                                                                                                                                                         |                             |             | 3150                                 | 38-63                                 | PLED200W-063-C3150-D |                             |                          | 91%        |                    |
|                                                                                                                                                                                         |                             |             | 3500                                 | 34-57                                 | PLED200W-057-C3500-D |                             |                          | 91%        |                    |
|                                                                                                                                                                                         |                             |             | 4200                                 | 28-47                                 | PLED200W-047-C4200-D |                             |                          | 91%        |                    |
|                                                                                                                                                                                         |                             |             | 4900                                 | 24-40                                 | PLED200W-040-C4900-D |                             |                          | 91%        |                    |
|                                                                                                                                                                                         |                             |             | 5600                                 | 21-35                                 | PLED200W-035-C5600-D |                             |                          | 91%        |                    |
|                                                                                                                                                                                         |                             |             | 6300                                 | 19-32                                 | PLED200W-032-C6300-D |                             |                          | 91%        |                    |
|                                                                                                                                                                                         |                             |             | 8330                                 | 14-24                                 | PLED200W-024-C8330-D |                             |                          | 90%        |                    |

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# LED DRIVERS

| Series                                                                                                                                                                        | Constant Current or Voltage | Dimming | Output Current (mA)<br>(range if CV) | Output Voltage (VDC)<br>(range if CC) | Catalog Number | Nominal Input Voltage (Vac) | Max Output Power (Watts) | Efficiency | In Stock (typical) |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|---------|--------------------------------------|---------------------------------------|----------------|-----------------------------|--------------------------|------------|--------------------|
| <b>200W</b><br>• Premium PLED Series<br>• Black Aluminum Case<br>• OA: 9.32" x 2.32" x 1.48"  | V                           | No      | 0-450                                | 445                                   | PLED200W-445   | 100-277                     | 200                      | 93%        |                    |
|                                                                                                                                                                               |                             |         | 0-700                                | 285                                   | PLED200W-285   |                             |                          | 93%        |                    |
|                                                                                                                                                                               |                             |         | 0-1050                               | 190                                   | PLED200W-190   |                             |                          | 93%        |                    |
|                                                                                                                                                                               |                             |         | 0-1400                               | 142                                   | PLED200W-142   |                             |                          | 93%        |                    |
|                                                                                                                                                                               |                             |         | 0-1750                               | 114                                   | PLED200W-114   |                             |                          | 92%        |                    |
|                                                                                                                                                                               |                             |         | 0-2100                               | 95                                    | PLED200W-095   |                             |                          | 92%        |                    |
|                                                                                                                                                                               |                             |         | 0-2450                               | 81                                    | PLED200W-081   |                             |                          | 92%        |                    |
|                                                                                                                                                                               |                             |         | 0-2800                               | 71                                    | PLED200W-071   |                             |                          | 91%        |                    |
|                                                                                                                                                                               |                             |         | 0-3150                               | 63                                    | PLED200W-063   |                             |                          | 91%        |                    |
|                                                                                                                                                                               |                             |         | 0-3500                               | 57                                    | PLED200W-057   |                             |                          | 91%        |                    |
|                                                                                                                                                                               |                             |         | 0-4200                               | 47                                    | PLED200W-047   |                             |                          | 91%        |                    |
|                                                                                                                                                                               |                             |         | 0-4900                               | 40                                    | PLED200W-040   |                             |                          | 91%        |                    |
|                                                                                                                                                                               |                             |         | 0-5600                               | 35                                    | PLED200W-035   |                             |                          | 91%        |                    |
|                                                                                                                                                                               |                             |         | 0-6300                               | 32                                    | PLED200W-032   |                             |                          | 91%        |                    |
|                                                                                                                                                                               |                             |         | 0-8330                               | 24                                    | PLED200W-024   |                             |                          | 90%        |                    |
| <b>200W</b><br>• Value TRC Series<br>• Aluminum Case<br>• OA: 10.43" x 3.13" x 1.81"          | C                           | No      | 450                                  | 267-445                               | TRC-200S045ST  | 100-277                     | 200                      | 92%        |                    |
|                                                                                                                                                                               |                             |         | 700                                  | 171-285                               | TRC-200S070ST  |                             |                          | 92%        | ●                  |
|                                                                                                                                                                               |                             |         | 1050                                 | 114-190                               | TRC-200S105ST  |                             |                          | 92%        |                    |
|                                                                                                                                                                               |                             |         | 1400                                 | 85-142                                | TRC-200S140ST  |                             |                          | 92%        |                    |
|                                                                                                                                                                               |                             |         | 1750                                 | 68-114                                | TRC-200S175ST  |                             |                          | 91%        |                    |
|                                                                                                                                                                               |                             |         | 2100                                 | 57-95                                 | TRC-200S210ST  |                             |                          | 91%        |                    |
|                                                                                                                                                                               |                             |         | 2450                                 | 48-81                                 | TRC-200S245ST  |                             |                          | 91%        |                    |
|                                                                                                                                                                               |                             |         | 2800                                 | 42-71                                 | TRC-200S280ST  |                             |                          | 91%        |                    |
|                                                                                                                                                                               |                             |         | 3150                                 | 38-63                                 | TRC-200S315ST  |                             |                          | 91%        |                    |
|                                                                                                                                                                               |                             |         | 3500                                 | 34-57                                 | TRC-200S350ST  |                             |                          | 91%        |                    |
|                                                                                                                                                                               |                             |         | 4200                                 | 28-47                                 | TRC-200S420ST  |                             |                          | 91%        |                    |
|                                                                                                                                                                               |                             |         | 4900                                 | 24-40                                 | TRC-200S490ST  |                             |                          | 91%        |                    |
|                                                                                                                                                                               |                             |         | 5600                                 | 21-35                                 | TRC-200S560ST  |                             |                          | 91%        |                    |
|                                                                                                                                                                               |                             |         | 6300                                 | 19-32                                 | TRC-200S630ST  |                             |                          | 91%        |                    |
|                                                                                                                                                                               |                             |         | 8330                                 | 14-24                                 | TRC-200S833ST  |                             |                          | 90%        |                    |
|                                                                                                                                                                               |                             | 0-10    | 450                                  | 223-445                               | TRC-200S045DT  | 100-277                     | 200                      | 93.5%      |                    |
|                                                                                                                                                                               |                             |         | 700                                  | 143-285                               | TRC-200S070DT  |                             |                          | 93.0%      |                    |
|                                                                                                                                                                               |                             |         | 1050                                 | 95-190                                | TRC-200S105DT  |                             |                          | 93.0%      |                    |
|                                                                                                                                                                               |                             |         | 1400                                 | 71-142                                | TRC-200S140DT  |                             |                          | 92.5%      |                    |
| <b>200W</b><br>• Value TRV Series<br>• Aluminum Case<br>• OA: 8.90" x 2.66" x 1.57"         | V                           | No      | 0-15000                              | 12                                    | TRV-200S012ST  | 100-277                     | 180                      | 91%        |                    |
|                                                                                                                                                                               |                             |         | 0-8330                               | 24                                    | TRV-200S024ST  |                             | 200                      | 92%        | ●                  |
|                                                                                                                                                                               |                             |         | 0-5560                               | 36                                    | TRV-200S036ST  |                             | 200                      | 93%        |                    |
|                                                                                                                                                                               |                             |         | 0-4760                               | 42                                    | TRV-200S042ST  |                             | 200                      | 93%        |                    |
|                                                                                                                                                                               |                             |         | 0-4170                               | 48                                    | TRV-200S048ST  |                             | 200                      | 93%        |                    |
|                                                                                                                                                                               |                             |         | 0-4000                               | 50                                    | TRV-200S050ST  |                             | 200                      | 93%        |                    |
|                                                                                                                                                                               |                             |         | 0-3840                               | 52                                    | TRV-200S052ST  |                             | 200                      | 93%        |                    |
|                                                                                                                                                                               |                             |         | 0-3700                               | 54                                    | TRV-200S054ST  |                             | 200                      | 93%        |                    |
|                                                                                                                                                                               |                             |         | 0-2470                               | 81                                    | TRV-200S081ST  |                             | 200                      | 93%        |                    |
|                                                                                                                                                                               |                             |         | 0-1900                               | 105                                   | TRV-200S105ST  |                             | 200                      | 93%        |                    |

| Series                                                                                                                                                                 | Constant Current or Voltage | Dimming | Output Current (mA)<br>(range if CV) | Output Voltage (VDC)<br>(range if CC) | Catalog Number | Nominal Input Voltage (Vac) | Max Output Power (Watts) | Efficiency | In Stock (typical) |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|---------|--------------------------------------|---------------------------------------|----------------|-----------------------------|--------------------------|------------|--------------------|
| <b>250W</b><br>• Value TRV Series<br>• Aluminum Case<br>• OA: 9.88" x 3.46" x 1.32"  | V                           | No      | 0-18.33                              | 12                                    | TRV-250S012ST  | 100-277                     | 220                      | 92%        |                    |
|                                                                                                                                                                        |                             |         | 0-10.41                              | 24                                    | TRV-250S024ST  |                             | 250                      | 93%        | ●                  |
|                                                                                                                                                                        |                             |         | 0-6.94                               | 36                                    | TRV-250S036ST  |                             | 250                      | 94%        |                    |
|                                                                                                                                                                        |                             |         | 0-5.95                               | 42                                    | TRV-250S042ST  |                             | 250                      | 94%        |                    |
|                                                                                                                                                                        |                             |         | 0-5.20                               | 48                                    | TRV-250S048ST  |                             | 250                      | 94%        |                    |
|                                                                                                                                                                        |                             |         | 0-4.80                               | 52                                    | TRV-250S052ST  |                             | 250                      | 94%        |                    |
|                                                                                                                                                                        |                             |         | 0-4.62                               | 54                                    | TRV-250S054ST  |                             | 250                      | 94%        |                    |
|                                                                                                                                                                        |                             |         | 0-4.46                               | 56                                    | TRV-250S056ST  |                             | 250                      | 94%        |                    |
|                                                                                                                                                                        |                             |         | 0-4.16                               | 60                                    | TRV-250S060ST  |                             | 250                      | 94%        |                    |
|                                                                                                                                                                        |                             |         | 0-2.97                               | 84                                    | TRV-250S084ST  |                             | 250                      | 94%        |                    |
|                                                                                                                                                                        |                             |         | 0-2.38                               | 105                                   | TRV-250S105ST  |                             | 250                      | 94%        |                    |
|                                                                                                                                                                        |                             |         | 0-1.66                               | 150                                   | TRV-250S150ST  |                             | 250                      | 94%        |                    |

| Series                                                                                                                                                                      | Constant Current or Voltage | Dimming | Output Current (mA)<br>(range if CV) | Output Voltage (VDC)<br>(range if CC) | Catalog Number | Nominal Input Voltage (Vac) | Max Output Power (Watts) | Efficiency | In Stock (typical) |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|---------|--------------------------------------|---------------------------------------|----------------|-----------------------------|--------------------------|------------|--------------------|
| <b>300W</b><br>• Value TRV Series, Aluminum<br>• OA: 9.88" x 3.86" x 1.75"                | V                           | No      | 0-22.90                              | 12                                    | TRV-300S012ST  | 100-277                     | 275                      | 91.5%      |                    |
|                                                                                                                                                                             |                             |         | 0-12.50                              | 24                                    | TRV-300S024ST  |                             | 300                      | 91%        | ●                  |
|                                                                                                                                                                             |                             |         | 0-10.71                              | 28                                    | TRV-300S028ST  |                             | 300                      | 91.5%      |                    |
|                                                                                                                                                                             |                             |         | 0-8.33                               | 36                                    | TRV-300S036ST  |                             | 300                      | 92%        |                    |
|                                                                                                                                                                             |                             |         | 0-6.25                               | 48                                    | TRV-300S048ST  |                             | 300                      | 94%        |                    |
|                                                                                                                                                                             |                             |         | 0-5.55                               | 54                                    | TRV-300S054ST  |                             | 300                      | 94%        |                    |
| <b>300W</b><br>• TSV Series, Aluminum<br>• 277-480V Input<br>• OA: 9.88" x 3.69" x 1.75"  | V                           | No      | 0-12.5                               | 24                                    | TSV-300S024ST  | 277-480                     | 300                      | 90%        |                    |
|                                                                                                                                                                             |                             |         | 0-10.7                               | 28                                    | TSV-300S028ST  |                             | 300                      | 91%        |                    |
|                                                                                                                                                                             |                             |         | 0-8.33                               | 36                                    | TSV-300S036ST  |                             | 300                      | 91%        |                    |
|                                                                                                                                                                             |                             |         | 0-6.25                               | 48                                    | TSV-300S048ST  |                             | 300                      | 91%        |                    |

# LED ACCESSORIES

## SURGE PROTECTORS

TRP surge protectors are designed for use in conjunction with LED Drivers and electronic fluorescent or HID ballasts to provide an additional level of protection from dangerous powerline disturbances in industrial and commercial applications. Perfect for critical 24/7 applications.

- Three-leaded devices protect Line-Ground, Line-Neutral, and Neutral-Ground in accordance with IEEE / ANSI C62.41.2 guidelines
- High-temp, flameproof plastic enclosure with 85°C max surface rating
- Surge Location Rated Category C3
- IP65

| BSP3 Model   | Clamping Voltage | Surge Rating (2ms) | UL1449 Recognized |
|--------------|------------------|--------------------|-------------------|
| BSP3-120     | 395              | 120 Joules         |                   |
| BSP3-208/240 | 710              | 190 Joules         |                   |
| BSP3-277     | 840              | 270 Joules         | ✓                 |
| BSP3-347     | 1120             | 320 Joules         | ✓                 |
| BSP3-480     | 1500             | 360 Joules         | ✓                 |

| BSP3 Pulse Rating |          |
|-------------------|----------|
| Strikes           | Surge    |
| 1                 | 10,000 A |
| 2                 | 6,500 A  |
| 10                | 3,000 A  |
| 100               | 1,500 A  |
| 1,000             | 700 A    |

| BSP3 (LC) Model   | Clamping Voltage | Surge Rating (2ms) | UL1449 Recognized |
|-------------------|------------------|--------------------|-------------------|
| BSP3-120 (LC)     | 395              | 120 Joules         |                   |
| BSP3-208/240 (LC) | 710              | 190 Joules         |                   |
| BSP3-277 (LC)     | 840              | 270 Joules         |                   |
| BSP3-347 (LC)     | 1120             | 320 Joules         | ✓                 |
| BSP3-480 (LC)     | 1500             | 360 Joules         | ✓                 |

| BSP3 (LC) Pulse Rating |          |
|------------------------|----------|
| Strikes                | Surge    |
| 1                      | 10,000 A |
| 2                      | 6,500 A  |
| 10                     | 3,000 A  |
| 100                    | 1,500 A  |
| 1,000                  | 700 A    |

| BSP3-20K Model | Clamping Voltage | Surge Rating (2ms) | UL1449 Recognized |
|----------------|------------------|--------------------|-------------------|
| BSP3-277-20K   | 825              | 540 Joules         | ✓                 |
| BSP3-480-20K   | 1475             | 765 Joules         | ✓                 |

| BSP3-20K Pulse Rating |          |
|-----------------------|----------|
| Strikes               | Surge    |
| 1                     | 22,000 A |
| 2                     | 15,000 A |
| 10                    | 6,500 A  |
| 120                   | 3,000 A  |
| 1,000                 | 2,000 A  |



### BSP3 SERIES

- Surge current rating = 10,000 Amps (using 8/20  $\mu$ Sec waveform)
- 1.55"  $\varnothing$  x 2.82" Nom.

### BSP3-LC:

- Same protection in low-cost, compact housing
- 1.55"  $\varnothing$  x 1.51" Nom.

### BSP3-20K:

- 20,000 Amp protection for 277V or 480V power
- 1.55"  $\varnothing$  x 2.25" Nom.
- Available "TN" option includes threaded nipple



## SD SERIES STEP-DIMMING MODULES

The SD Series universal step dimming control modules work with two standard wall switches to provide quick switching between light levels from LED luminaires, eliminating the need for dimming switches. Designed to locate within luminaire.

- Compatible with any industry-standard 0-10V dimmable LED driver
- Same compact case as LED-12W Series Drivers, 3.35" x 1.42" x 0.75"
- Works with occupancy sensors
- Class 2 Output
- IP66

| Model  | Output Levels | Max Pass Current | Max LED Driver Power | Insertion Loss |
|--------|---------------|------------------|----------------------|----------------|
| SD2    | 50-100%       | 1.0 A            | 100W                 | <1.5W          |
| SD3-25 | 25-50-100%    | 1.0 A            | 100W                 | <1.5W          |
| SD3-33 | 33-66-100%    | 1.0 A            | 100W                 | <1.5W          |

Available  
End of 2Q  
2013



## SPECIALTY TRANSFORMERS

TRP's step-down autotransformers allow LED drivers to operate on 480 or 347V mains. They are also typically used in conjunction with 277V T-8 or T-5 Electronic Fluorescent Ballasts or Electronic HID Ballasts in Industrial and Commercial applications. Step-up models also available.

| Model Number          | Input Voltage | Output Voltage | VA Rating | Dimensions            |
|-----------------------|---------------|----------------|-----------|-----------------------|
| 480:347:277-125VA     | 480 or 347    | 277            | 125       | 3.74" x 2.56" x 2.36" |
| 480:347:277:220-245VA | 480 or 347    | 277 & 220      | 245       | 3.39" x 3.07" x 3.34" |
| 480:347:277-460VA     | 480 or 347    | 277            | 460       | 3.82" x 3.34" x 3.74" |



# Thomas Research Products

**SSL Solutions Faster Than The Speed Of Light™**

Thomas Research Products is an industry-leading global supplier of energy-saving electronic lighting components. Founded in 1997, the company focuses on continuous innovation. Operations are based in Huntley, Illinois USA.

We design, manufacture and supply advanced drivers and power solutions for solid state lighting. TRP sets the standard for "cool" in LED Drivers. Offerings include one of the most comprehensive lines of LED Drivers available in North America. TRP designs are optimized for quality, efficiency, longevity, and cost-competitiveness.

Our LED accessories include surge protectors, step dimming controls and step-down transformers. LED Core™ integrated light engine modules combine components and simplify system development for luminaire manufacturers.

TRP also manufactures energy-saving electronic controls, switches and relays for commercial HID and fluorescent lighting, for both indoor and outdoor applications.

We take pride in producing unique standard and custom products tailored to our customers' needs. Our commitment is to provide superior quality and technology to our OEM customers and replacement parts channels.



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