

MAGNETIC FLUORESCENT

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PRODUCT OVERVIEW

Your Premier Lighting Ballast Solution

Ultrasave's line of magnetic ballasts is the ideal choice in T12 lamp applications where a magnetic system is required. All ballasts meet ANSI standard C82.11, and are cULus listed, class P, type 1 outdoor. In addition, our ballasts operate at 60Hz frequency, thus eliminating the possibility of EMI /RFI interference.

Product Profile & Design Highlights

T12 HIGH OUTPUT BALLASTS

- High power factor
- Offer full light output
- Dedicated input voltage
- T12HO 35 to 110 watt lamp types
- Minimum starting temperature -20°F / -29°C

APPLICATIONS

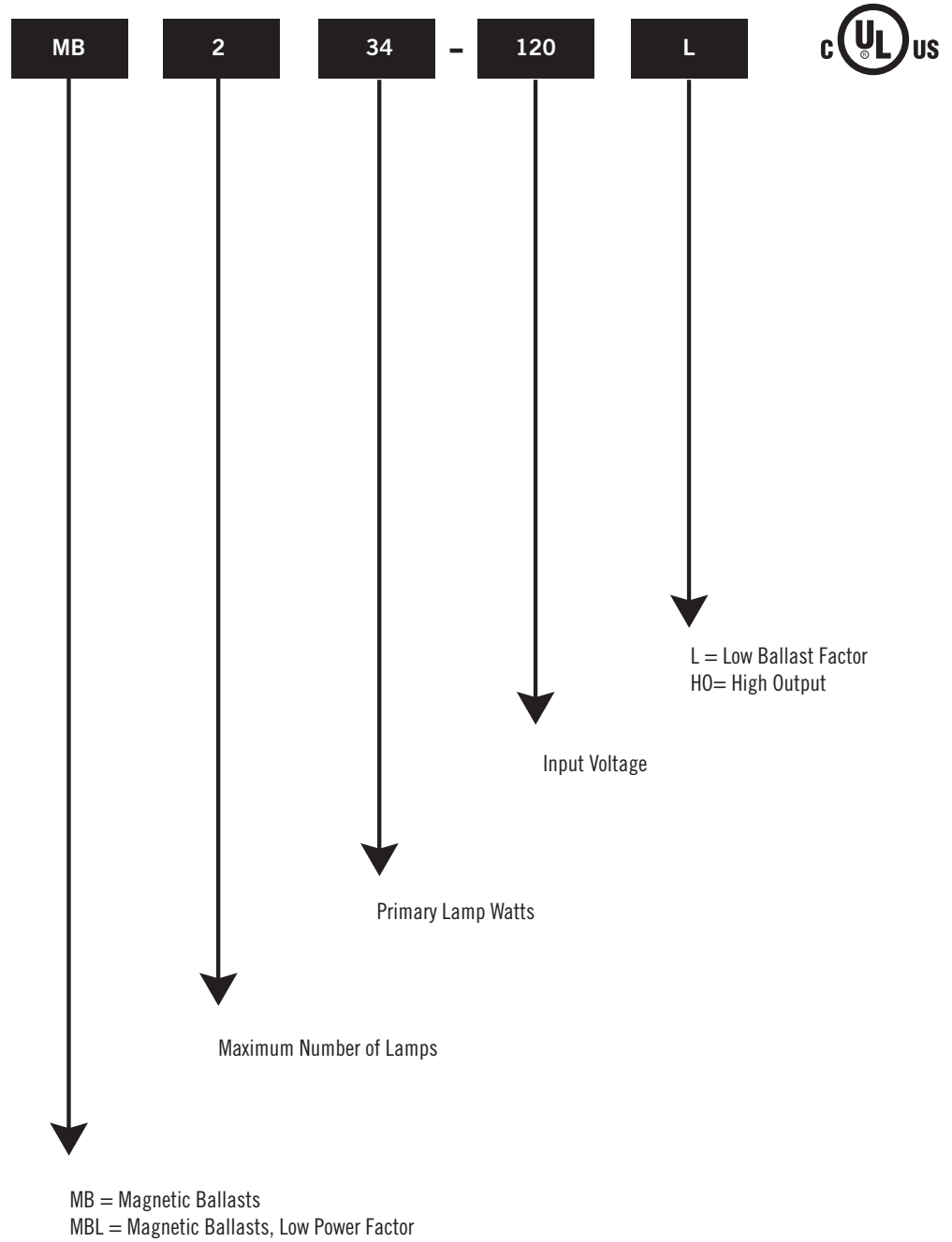
- Parking Garages
- Manufacturing Facilities
- Warehouses
- Outdoor Lighting

CERTIFICATIONS

- Underwriters Laboratories (cULus) Listed
- Complies with ANSI Standard C82.11
- Does not contain Polychlorinated Biphenyl (PCBs)
- Class P Type 1 Outdoor, Type HL



MODEL NUMBER BREAKDOWN



T12HO

For High Output Rapid Start Lamps

LAMP TYPE	INPUT VOLTAGE	MODEL NUMBER	MIN. STARTING TEMP (°F/°C)	INPUT CURRENT (AMPS)	INPUT POWER (WATTS)	BALLAST FACTOR	MAX. THD %	MIN. POWER FACTOR	B.E.F.	DIM.	WIRING DIAG.
1-LAMP RAPID START											
F48T12HO	120 347	MB285120HO MB285347HO	-20 / -29	0.91 0.32	79	0.78	50	0.72	0.99	1	1
F60T12HO	120 347	MB285120HO MB285347HO	-20 / -29	0.94 0.33	90	0.77	40	0.80	0.85 0.86	1	1
F64T12HO	120 347	MB285120HO MB285347HO	-20 / -29	0.99 0.35	99	0.83	40	0.84	0.83 0.84	1	1
F72T12HO	120 347	MB285120HO MB285347HO	-20 / -29	0.98 0.34	100	0.83	35	0.85	0.82 0.83	1	1
F84T12HO	120 347	MB285120HO MB285347HO	-20 / -29	1.03 0.36	113	0.83	30	0.92	0.73	1	1
F96T12HO	120 347	MB285120HO MB285347HO	-20 / -29	1.13 0.40	129 136	0.84	25	0.95 0.94	0.69 0.62	1	1
F96T12HO/ES	120 347	MB285120HO MB285347HO	60 / 16	0.98 0.34	102	0.79	35	0.86	0.77	1	1
2-LAMP RAPID START											
F24T12HO	120 347	MB285120HO MB285347HO	-20 / -29	1.01 0.35	95	0.78	45	0.78	0.83 0.82	1	2
F30T12HO	120 347	MB285120HO MB285347HO	-20 / -29	1.00 0.35	100	0.81	30	0.87	0.81	1	2
F36T12HO	120 347	MB285120HO MB285347HO	-20 / -29	1.00 0.35	107	0.82	35	0.89	0.77	1	2
F42T12HO	120 347	MB285120HO MB285347HO	-20 / -29	1.12 0.39	126	0.92	35	0.94	0.73	1	2
F48T12HO	120 347	MB285120HO MB285347HO	-20 / -29	1.16 0.40	133	0.85	20	0.95	0.64	1	2
F60T12HO	120 347	MB285120HO MB285347HO	-20 / -29	1.39 0.48	163	0.86	20	0.97	0.53	1	2
F64T12HO	120 347	MB285120HO MB285347HO	-20 / -29	1.50 0.52	178	0.90	15	0.99	0.51	1	2
F72T12HO	120	MB2110120HO	-20 / -29	1.60	193	0.95	15	0.98	0.49	1	2
	120	MB285120HO		1.58	188	0.91	15	0.98	0.50	1	2
	347	MB2110347HO		0.57	195	0.95	15	0.98	0.49	1	2
	347	MB285347HO		0.56	193	0.91	15	0.99	0.47	1	2
F84T12HO	120 347	MB285120HO MB285347HO	-20 / -29	1.76 0.61	209	0.90	15	0.99	0.43	1	2
F96T12HO	120	MB2110120HO	-20 / -29	2.00	232	0.93	15	0.98	0.40	1	2
	347	MB2110347HO		0.71	243			0.98	0.38		
F96T12HO /ES	120 347	MB2110120HO MB2110347HO	60 / 16	1.70 0.59	203	0.91	20	0.98	0.45	1	2

Figure 1

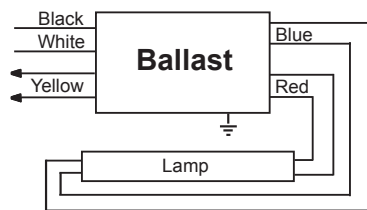
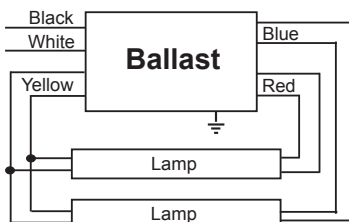


Figure 2



BALLAST DIMENSIONS

DIM. #	LENGTH	WIDTH	HEIGHT	MOUNTING
1	11.73"	3.19"	2.63"	11.14"