

Magnetic Ballasts

For T8 and T12 Straight Lamps and 2 Pin CFL Lamps

68192 – GEM220TS120DIY

Magnetic Ballasts

2 – F20T12, F15T8, F15T12, F14T12, 120V, Magnetic Ballast (447LRVLHTCP)

General characteristics

Ballast Type	Magnetic – Rapid Start
Starting Method	Preheat
Lamp Wiring	Series
Line Voltage Regulation (+/-)	5%
Ambient Temperature (MAX)	105°F (41°C)
Case Temperature (MAX)	90°C (194°F)
Ballast Factor	Normal
Power Factor Correction	
Sound Rating	A (20-24 decibels)
Additional Info	Auto-restart, Thermally protected

Electrical characteristics

Supply Current Frequency	60 Hz
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Order information

Std. pack	Pallet Pack	DIY Pack	IP Pack
		68192	

Specifications by lamp and wattage

Lamp	# of Lamps	Line Volts	System Watts	Nom. Line Current	System Ballast Factor	Ballast Efficacy Factor	Power Factor % (>=)	Crest Factor (<=)	THD (<=)	Min. Starting Temp (°F/°C)
F20T12	2	120	32	0.50 A	0.75	2.05	52	1.7	30	50 / 10
F15T12	2	120	31	0.52 A	0.88	2.51	50	1.7	30	50 / 10
F15T8	2	120	30.5	0.52 A	0.85	2.54	51	1.7	30	50 / 10

- Magnetic ballast construction for all general fluorescent lighting
- Extends lamp life in frequently switched applications
- Color-coded ballast and package labels reduce misapplication errors (120V Yellow, 277V Red)

Dimensions

Wiring diagram – LFL PS2 – see example on page 15-7

Case dimensions – Ref Drawing 9 – see page 15-8

Length (L)	6.5 in (167 mm)
Width (W)	1.75 in (44 mm)
Height (H)	1.38 in (35 mm)
Mounting dimensions	
Bracket Length (BL)	6.5 in (167 mm)
Mount Length (M)	6.0 in (152 mm)
Mount Width (X or F)	
Mount Slots (MS)	0.30 in (8 mm)
Weight	1.55 lbs
Exit Type	Side
Remote Mounting Distance to Lamp	10 ft
Remote Mounting Wire Gauge	18 AWG
Lead lengths	Length (± 1 in)
Black	15 in (381 mm)
Red	15 in (381 mm)
Blue	15 in (381 mm)
Yellow	15 in (381 mm)

Safety and performance



UL Type 1 Outdoor



UL Type HL



UL Class P



US