

Presented By: Candela Corporation
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Customer Name:
Project Name:
Fixture Type:

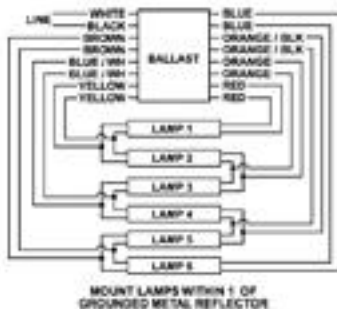


GE
Lighting

88940 - USB-2048-46-IP

GE LFL Magnetic T12 Sign Illuminating Ballast

- High output ballasts for rugged outdoor sign cabinet applications.
- Reliable low-temperature starting-as low as -20F.
- Ideal for high-moisture environments - UL type 2 outdoor and HL rating
- Class P thermal protection.



GENERAL CHARACTERISTICS

Application	4 to 6 lamp - 20 to 48ft, T12 Magnetic Sign Ballast
Category	Linear Fluorescent
Ballast Type	Magnetic - T12 Sign Illuminating
Starting Method	Rapid start
Lamp Wiring	Series
Ambient Temperature (MAX)	105 °F(41 °C)
Case Temperature	90 °C(194 °F)
Ballast Factor	Normal
Additional Info	Thermally protected

PRODUCT INFORMATION

Product Code	88940
Description	USB-2048-46-IP
Standard Package	Master
Standard Package GTIN	30043168889408
Standard Package Quantity	2
Sales Unit	Individual Pack
No Of Items Per Sales Unit	1
No Of Items Per Standard Package	2
UPC	043168889407

DIMENSIONS

Case dimensions		
Length (L)	15.6 in(396.88 mm)	
Width (W)	3.2 in(80.96 mm)	
Height (H)	2.7 in(67.87 mm)	
Mounting dimensions		
Bracket Length (BL)	16.7 in(423.88 mm)	
Mount Length (M)	16.1 in(409.58 mm)	
Weight	18 lb	
Lamp Footage Required (MIN)	20 ft	
Lamp Footage Required (MAX)	48 ft	
Exit Type	Side	
Remote Mounting Distance to Lamp	0	
Remote Mounting Wire Gauge	0	
Lead lengths	Qty	Exit Length (± 1 in.)
Blue/White	1	50 in (NaNmm)
Orange	1	50 in (NaNmm)
Orange/Black	1	50 in (NaNmm)
White	1	24 in (NaNmm)
Brown	1	50 in (NaNmm)
Black	1	24 in (NaNmm)
Red	1	80 in (NaNmm)
Blue	1	80 in (NaNmm)
Yellow	1	70 in (NaNmm)

ELECTRICAL CHARACTERISTICS

Supply Current Frequency	60 Hz
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SAFETY & PERFORMANCE

- CSA
- UL Listed
- UL type 2 Outdoor
- UL Type HL

SPECIFICATIONS BY LAMP & 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)
F96T12	6	120	600	5.0 A	1.00	0.17	9		-20.0 / -29

CAUTIONS & WARNINGS

Warning

- Risk of Electric Shock
 - Properly ground ballast and fixture.
 - Turn power off before servicing--see instructions.

NOTES

For additional information, visit www.gelighting.com

- High Output 800mA RS Lamps
- System Watts refers to Maximum Watts

WARRANTY INFORMATION

GE Lighting warrants to the purchaser that each ballast will be free from defects in material or workmanship for period as defined in the attached documents from the date of manufacture when properly installed and under normal conditions of use.