GE Lighting

87198 - GES40048TAA4-5

GE HID Distributor Replacement Kit Magnetic High Pressure Sodium Core and Coil Ballast

- Magnetic ballast construction ideal for a wide variety of lighting applications.
- Precision-wound aluminum coils, ensuring even heat dissipation and the highest electrical integrity
- Distributor replacement kit contains the appropriate core & coil with color coded leads, a properly rated capacitor and ignitor (if required) and all other components required for ballast replacement
- • 480 Volt ballast

GENERAL CHARACTERISTICS

Application	1- 400w HPS S51 480V
Category	High Intensity Discharge
Ballast Type	Magnetic - High Pressure Sodium Core and Coil
Type	Replacement kit
Dimming Type	N/A
Starting Method	Pulse start
Lamp Wiring	Series
Line Voltage Regulation (+/-) (NOM)	10.0 %
Ambient Temperature (MIN)	-40.0 °C
Ambient Temperature (MAX)	105.0 °C (41 °C)
Ballast Factor	1
Circuit Type	CWA
Insulation Class	UL Class H 180
Enclosure Type	Core and Coil
Capacitance (NOM)	55.0 µF
Capacitor Temperature Rating (NOM)	105.0 °C
Distance to Lamp (MAX)	10.0 ft

PRODUCT INFORMATION

Product Code	87198
Description	GES40048TAA4-5
Standard Package	Master
Standard Package GTIN	
Standard Package Quantity	3
Sales Unit	Distributor Kit
No Of Items Per Sales Unit	1
No Of Items Per Standard Package	3
UPC	043168871983

DIMENSIONS

Case dimensions	
Length (L)	4.8 in(120.65 mm)
Width (W)	4.2 in(107.95 mm)
Height (H)	NaN in(NaN mm)
Mounting dimensions	
Bracket Length (BL)	7.2 in(184.15 mm)
Mount Length (M)	4.4 in(111.12 mm)
Mount Width (X or F)	3.9 in(98.42 mm)
Mount Slots (MS)	0.2 in(4.95 mm)
Weight (NOM)	13.5 lb
Exit Type	Side
Diameter (NOM)	1.75 in
Nominal Length (NOM)	4.25 in
Frame size (H x L)	4.25 x 4.75 in

ELECTRICAL CHARACTERISTICS

Lamp Operating Frequency (NOM)	60.0 Hz
Supply Current Frequency (NOM)	60.0 Hz
Voltage (MIN)	240.0

SAFETY & PERFORMANCE

- UL Listed
- cUL Listed

SPECIFICATIONS BY LAMP & LINE VOLTAGE

Lamp	# of Lamps	Specifications by Line Voltage	System Wattage	Nominal Current	Ballast Factor	Ballast Efficiency	Max.Input Current	Starting Current	Open Circuit Voltage	Drop Out Voltage	Power factor	Min.starting temperature	Fuse rating	UL bench top rise
S51	1	480	475.0	1.0 A A	1.0	0.842	NaN A	NaN A	NaN V	NaN V	0.9	-40.0 °F °F	5.0	D

CAUTIONS & WARNINGS

Warning

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

ACCESSORIES

Ignitors

Product Code	86641
Description	HPS400-3A

Oil-Filled Capacitor

Product Code	75423
Description	GECAP-55/240V-O

NOTES

- Kit contains the appropriate core & coil with color coded leads, a properly rated capacitor and ignitor (if required) and all other components required for ballast replacement

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.