

Presented By: iLightDepot/GELightingDepot
Contact Phone: 513-272-0800
Contact E-mail: sales@ilightdepot.com

Customer Name:
Project Name:
Fixture Type:

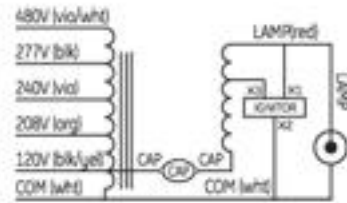
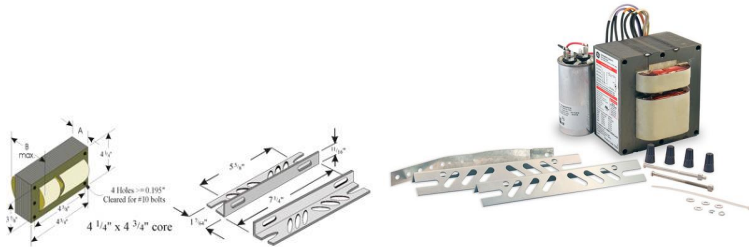


GE
Lighting

87214 - GES250ML5AA4-5

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
- 5-Tap ballast (120, 208, 240, 277,480)



GENERAL CHARACTERISTICS

Application	1- 250w HPS S50 5-Tap (120/208/240/277/480V)
Category	High Intensity Discharge
Ballast Type	Magnetic - High Pressure Sodium Core and Coil Replacement kit
Type	N/A
Dimming Type	Pulse start
Starting Method	Series
Lamp Wiring	10.0 %
Line Voltage Regulation (+/-)	-40.0 °C
Ambient Temperature (MIN)	105.0 °C(41 °C)
Ambient Temperature (MAX)	1
Ballast Factor	CWA
Circuit Type	UL Class H 180
Insulation Class	Core and Coil
Enclosure Type	35.0 µF
Capacitance	100.0 °C(212 °F)
Capacitor Temperature Rating	10.0 ft
Distance to Lamp (MAX)	

PRODUCT INFORMATION

Product Code	87214
Description	GES250ML5AA4-5
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	043168872140

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	10.7 lb		
Exit Type	Side		
Diameter	1.75 in		
Nominal Length	3.75 in		
Frame size (H x L)	4.25 x 4.75 in		
Lead lengths	Qty	Exit	Length (± 1 in.)
Black	1		12 in (NaNmm)
Black/Yellow	1		12 in (NaNmm)
Orange	1		12 in (NaNmm)
Red	1		12 in (NaNmm)
Violet	1		12 in (NaNmm)
Violet/White	1		12 in (NaNmm)
Yellow	2		12 in (NaNmm)

ELECTRICAL CHARACTERISTICS

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

SAFETY & PERFORMANCE

- UL Listed
- cUL Listed

SPECIFICATIONS BY LAMP & LINE VOLTAGE

Lamp # of Lamps by Line	Specifications 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
S50	1 120	292.0	2.5 AA	1.0	0.856	NaNA	NaNA	NaNV	NaNV	0.9	-40.0 °F°F	8.0	C
S50	1 208	292.0	1.5 AA	1.0	0.856	NaNA	NaNA	NaNV	NaNV	0.9	-40.0 °F°F	5.0	C

S50	1	240	292.0	1.3 AA	1.0	0.856	NaNA	NaNA	NaNV	NaNV	0.9	-40.0 °F°F	4.0	B
S50	1	277	292.0	1.1 AA	1.0	0.856	NaNA	NaNA	NaNV	NaNV	0.9	-40.0 °F°F	4.0	B
S50	1	480	292.0	0.6 AA	1.0	0.856	NaNA	NaNA	NaNV	NaNV	0.9	-40.0 °F°F	4.0	B

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
Dry Film Capacitor	
Product Code	75422
Description	GECAP-35/240V-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.