



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	3
Package	
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 ( NaN mm)
Black/Yellow	1	12 in ( NaN mm)
Orange	1	12 in ( NaN mm)
Red	1	12 in ( NaN mm)
Violet	1	12 in ( NaN mm)
Violet/White	1	12 in ( NaN mm)
Yellow	2	12 in ( NaN mm)

## 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	Specifications	System	Nominal	Ballast	Ballast	Max.Input	Starting	Open	Drop Out	Power	Min.starting	Fuse	UL bench
Lamps by Line	Wattage	Current	Factor	Efficiency	Current	Current	Current	Circuit	Voltage	factor	temperature	rating	top rise
Voltage								Voltage					

S50	1	120	292.0	2.5 A A	1.0	0.856	NaN A	NaN A	NaN V	NaN V	0.9	-40.0 °F °F	8.0	C
S50	1	208	292.0	1.5 A A	1.0	0.856	NaN A	NaN A	NaN V	NaN V	0.9	-40.0 °F °F	5.0	C
S50	1	240	292.0	1.3 A A	1.0	0.856	NaN A	NaN A	NaN V	NaN V	0.9	-40.0 °F °F	4.0	B
S50	1	277	292.0	1.1 A A	1.0	0.856	NaN A	NaN A	NaN V	NaN V	0.9	-40.0 °F °F	4.0	B
S50	1	480	292.0	0.6 A A	1.0	0.856	NaN A	NaN A	NaN V	NaN V	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.

## 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.