



GE
Lighting

87218 - GES1000ML5AA5-5

GE HID Distributor Replacement Kit Magnetic Core & 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- 1000w HPS S52 5-Tap (120/208/240/277/480V)
Category	High Intensity Discharge
Ballast Type	Magnetic - Core & 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)	26.0 µF
Capacitor Temperature Rating (NOM)	105.0 °C
Distance to Lamp (MAX)	10.0 ft

PRODUCT INFORMATION

Product Code	87218
Description	GES1000ML5AA5-5
Standard Package	Master
Standard Package GTIN	
Standard Package Quantity	2
Sales Unit	Distributor Kit
No Of Items Per Sales Unit	1
No Of Items Per Standard Package	2
UPC	043168872188

DIMENSIONS

Case dimensions			
Length (L)		6.0 in(152.40 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)		5.4 in(136.52 mm)	
Mount Width (X or F)		3.9 in(98.42 mm)	
Mount Slots (MS)		0.2 in(4.95 mm)	
Weight (NOM)		26.0 lb	
Exit Type		Side	
Diameter (NOM)		2.0 in	
Nominal Length (NOM)		4.75 in	
Frame size (H x L)		4.25 x 6.0 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 (NOM)	60.0 Hz
Supply Current Frequency (NOM)	60.0 Hz
Voltage (MIN)	525.0

SAFETY & PERFORMANCE

- UL Listed
- cUL Listed

SPECIFICATIONS BY LAMP & LINE VOLTAGE

For additional information, visit www.gelighting.com

Lamp # of	Specifications	System	Nominal	Ballast	Ballast	Max.Input	Starting	Open	Drop Out	Power	Min.starting	Fuse	UL bench
Lamps by Line	Voltage	Wattage	Current	Factor	Efficiency	Current	Current	Circuit	Voltage	factor	temperature	rating	top rise
S52	1 120	1102.0	9.5 A A	1.0	0.907	NaN A	NaN A	NaN V	NaN V	0.9	-40.0 °F °F	20.0	D
S52	1 208	1102.0	5.5 A A	1.0	0.907	NaN A	NaN A	NaN V	NaN V	0.9	-40.0 °F °F	15.0	D
S52	1 240	1102.0	4.7 A A	1.0	0.907	NaN A	NaN A	NaN V	NaN V	0.9	-40.0 °F °F	10.0	D
S52	1 277	1102.0	4.1 A A	1.0	0.907	NaN A	NaN A	NaN V	NaN V	0.9	-40.0 °F °F	10.0	D
S52	1 480	1102.0	2.4 A A	1.0	0.907	NaN A	NaN A	NaN V	NaN V	0.9	-40.0 °F °F	8.0	D

CAUTIONS & WARNINGS

Warning

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

ACCESSORIES

Oil-Filled Capacitor	
Product Code	75437
Description	GECAP-26/525V-O
Ignitors	
Product Code	75439
Description	HPS1000-4B

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.