



GE
Lighting

86718 - GEM150MLTLA3D-5

GE HID Distributor Replacement Kit Magnetic Metal Halide 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
- Quad ballast (120, 208, 240, 277)

GENERAL CHARACTERISTICS

Application	1- 150w MH M102 or M14 Quad (120/208/240/277V)
Category	High Intensity Discharge
Ballast Type	Magnetic - Metal Halide Core and Coil
Type	Replacement kit
Dimming Type	N/A
Starting Method	Pulse start
Lamp Wiring	Series
Line Voltage Regulation (+/-)	10.0 %
Ambient Temperature (MIN)	-30.0 °C
Ambient Temperature (MAX)	105.0 °C (41 °C)
Ballast Factor	1
Circuit Type	HX-HPF
Insulation Class	UL Class H 180
Enclosure Type	Core and Coil
Capacitance	16.0 µF
Capacitor Temperature Rating	100.0 °C (212 °F)
Distance to Lamp (MAX)	5.0 ft

PRODUCT INFORMATION

Product Code	86718
Description	GEM150MLTLA3D-5
Standard Package	Master
Standard Package GTIN	
Standard Package Quantity	6
Sales Unit	Distributor Kit
No Of Items Per Sales Unit	1
No Of Items Per Standard Package	6
UPC	043168867184

DIMENSIONS

Case dimensions	
Length (L)	4.0 in(101.60 mm)
Width (W)	2.8 in(71.45 mm)
Height (H)	NaN in(NaN mm)
Mounting dimensions	
Bracket Length (BL)	5.5 in(139.70 mm)
Mount Length (M)	3.5 in(88.90 mm)
Mount Width (X or F)	2.4 in(61.93 mm)
Mount Slots (MS)	0.2 in(4.95 mm)
Weight	6.8 lb
Exit Type	Side
Diameter	1.6 in
Nominal Length	2.7 in
Frame size (H x L)	2.82 x 3.939 in

ELECTRICAL CHARACTERISTICS

Lamp Operating Frequency	60.0 Hz
Supply Current Frequency	60.0 Hz
Voltage (MIN)	300.0

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	by Line	Wattage	Current	Factor	Efficiency	Current	Current	Circuit	Voltage	factor	temperature	rating	top rise
	Voltage							Voltage			°F °F		
M142	1	120	186.0	1.6 A A	1.0	0.806	NaN A	NaN V	NaN V	0.9	-22.0 °F °F	10.0	A
M142	1	208	186.0	1.0 A A	1.0	0.806	NaN A	NaN V	NaN V	0.9	-22.0 °F °F	5.0	B
M142	1	240	186.0	0.8 A A	1.0	0.806	NaN A	NaN V	NaN V	0.9	-22.0 °F °F	5.0	A
M142	1	277	186.0	0.7 A A	1.0	0.806	NaN A	NaN V	NaN V	0.9	-22.0 °F °F	4.0	A
M102	1	120	186.0	1.6 A A	1.0	0.806	NaN A	NaN V	NaN V	0.9	-22.0 °F °F	10.0	A
M102	1	208	186.0	1.0 A A	1.0	0.806	NaN A	NaN V	NaN V	0.9	-22.0 °F °F	5.0	B
M102	1	240	186.0	0.8 A A	1.0	0.806	NaN A	NaN V	NaN V	0.9	-22.0 °F °F	5.0	A
M102	1	277	186.0	0.7 A A	1.0	0.806	NaN A	NaN V	NaN V	0.9	-22.0 °F °F	4.0	A

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.