

Presented By: iLightDepot/GELightingDepot
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Customer Name:
Project Name:
Fixture Type:

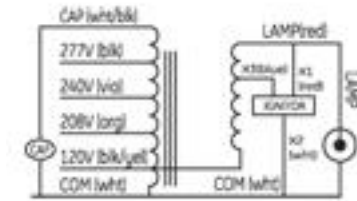
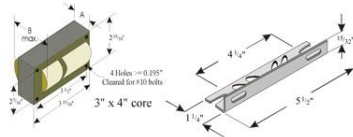
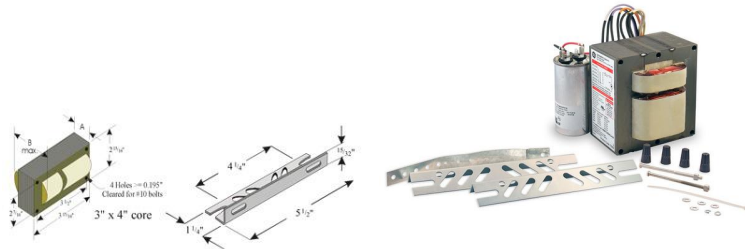


**GE
Lighting**

86675 - GEM100MLTLA3D-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- 100w MH M 90 or M140 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	12.0 µF
Capacitor Temperature Rating	100.0 °C(212 °F)
Distance to Lamp (MAX)	5.0 ft

PRODUCT INFORMATION

Product Code	86675
Description	GEM100MLTLA3D-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	043168866750

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	4.8 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)	280.0

SAFETY & PERFORMANCE

- UL Listed
- cUL Listed

SPECIFICATIONS BY LAMP & LINE VOLTAGE

Lamp # of Lamps	# of Lamps by Line Voltage	Specifications	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
M92	1	208	119.0	0.6 AA	1.0		NaN	NaN	NaN	NaN	0.9	-22.0 °F°F	4.0	D
M92	1	240	119.0	0.5 AA	1.0		NaN	NaN	NaN	NaN	0.9	-22.0 °F°F	3.0	D
M92	1	277	119.0	0.5 AA	1.0		NaN	NaN	NaN	NaN	0.9	-22.0 °F°F	3.0	D
M92	1	120	119.0	1.1 AA	1.0		NaN	NaN	NaN	NaN		-22.0 °F°F	5.0	D
M90	1	208	119.0	0.6 AA	1.0	0.84	NaN	NaN	NaN	NaN	0.9	-22.0 °F°F	4.0	D
M90	1	240	119.0	0.5 AA	1.0	0.84	NaN	NaN	NaN	NaN	0.9	-22.0 °F°F	3.0	D
M90	1	277	119.0	0.5 AA	1.0	0.84	NaN	NaN	NaN	NaN	0.9	-22.0 °F°F	3.0	D
M90	1	120	119.0	1.1 AA	1.0	0.84	NaN	NaN	NaN	NaN		-22.0 °F°F	5.0	D
M140	1	277	119.0	0.5 AA	1.0	0.84	NaN	NaN	NaN	NaN	0.9	-22.0 °F°F	3.0	D
M140	1	240	119.0	0.5 AA	1.0	0.84	NaN	NaN	NaN	NaN	0.9	-22.0 °F°F	3.0	D

M140	1	208	119.0	0.6 AA	1.0	0.84	NaNA	NaNA	NaNV	NaNV	0.9	-22.0 °F°F	4.0	D
M140	1	120	119.0	1.1 AA	1.0	0.84	NaNA	NaNA	NaNV	NaNV		-22.0 °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	86864
Description	MH100-3A
Dry Film Capacitor	
Product Code	75427
Description	GECAP-12/280V-D
Ignitors	
Product Code	75440
Description	MH350-1A

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.