

**Presented By:** iLightDepot/GE Lighting Depot  
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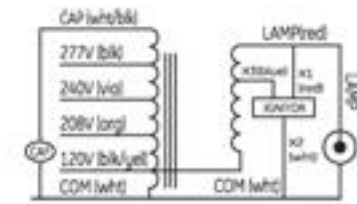
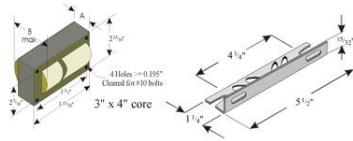
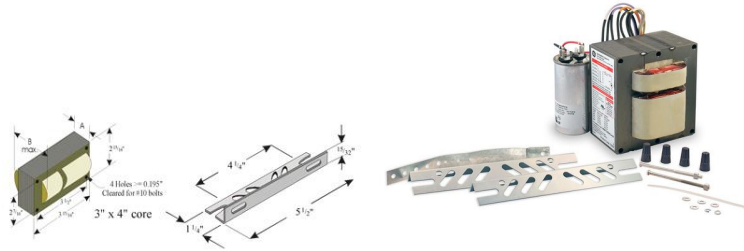
**Customer Name:**  
**Project Name:**  
**Fixture Type:**



## 86824 - GEM50MLTLC3D-5

### GE HID Distributor Replacement Kit Magnetic Core & Coil Ballast

- Magnetic ballast construction ideal for a wide variety of lighting applications.
- Precision-wound 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- 50w MH M110 or M148
	Quad
Category	High Intensity Discharge
Ballast Type	Magnetic - Core & Coil
Type	Replacement kit
Line Voltage Regulation (+/-)	5.0 %
Ballast Factor	Normal
Circuit Type	HX-HPF
Insulation Class	180C
Enclosure Type	None
Capacitance	6.0 µF
Capacitor Temperature Rating	100.0 °C(212 °F)
Distance to Lamp (MAX)	5.0 ft

### PRODUCT INFORMATION

Product Code	86824
Description	GEM50MLTLC3D-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	043168868242

### 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	3.4 lb
Exit Type	Side
Diameter	1.2 in
Nominal Length	2.7 in
Frame size (H x L)	2.813 x 3.939 in

### ELECTRICAL CHARACTERISTICS

Supply Current Frequency	60.0 Hz
Voltage (MIN)	280.0

### SAFETY & PERFORMANCE

- cUL Listed
- UL Listed

### SPECIFICATIONS BY LAMP & LINE VOLTAGE

Lamp # of Lamps by Line	Specifications by Line 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
M110	1 120	61.0	0.6 AA	1.0	0.82	NaNA	NaNA	NaNV	NaNV	0.9	-22.0 °F°F	3.0	C
M110	1 208	61.0	0.3 AA	1.0	0.82	NaNA	NaNA	NaNV	NaNV	0.9	-22.0 °F°F	3.0	C
M110	1 240	61.0	0.3 AA	1.0	0.82	NaNA	NaNA	NaNV	NaNV	0.9	-22.0 °F°F	2.0	C
M110	1 277	61.0	0.2 AA	1.0	0.82	NaNA	NaNA	NaNV	NaNV	0.9	-22.0 °F°F	2.0	C

### CAUTIONS & WARNINGS

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

### ACCESSORIES

Dry Film Capacitor	
Product Code	75425
Description	GE CAP-6/280V-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.