



GE
Lighting

78519 - GEM100TRILC3-5

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
- Tri-Tap ballast (120, 277, 347)

GENERAL CHARACTERISTICS

Application	1- 100w MH M 90 or M140 Tri Tap (120/277/347V)
Category	High Intensity Discharge
Ballast Type	Magnetic - Core & Coil
Type	Replacement kit
Starting Method	Pulse start
Line Voltage Regulation (+/-) (NOM)	10.0 %
Ambient Temperature (MAX)	200.0 °C (93 °C)
Case Temperature (MAX)	105.0 °C
Ballast Factor	Normal
Circuit Type	HX-HPF
Insulation Class	200C
Enclosure Type	None
Type of Capacitor	Oil filled
Capacitance (NOM)	12.0 µF
Capacitor Temperature Rating (NOM)	105.0 °C
Distance to Lamp (MAX)	5.0 ft

PRODUCT INFORMATION

Product Code	78519
Description	GEM100TRILC3-5
Standard Package	Master
Standard Package GTIN	10043168785195
Standard Package Quantity	6
Sales Unit	Distributor Kit
No Of Items Per Sales Unit	1
No Of Items Per Standard Package	6
UPC	043168785198

DIMENSIONS

Case dimensions	
Length (L)	NaN in(NaN mm)
Width (W)	NaN in(NaN mm)
Height (H)	NaN in(NaN mm)
Mounting dimensions	
Bracket Length (BL)	NaN in(NaN mm)
Mount Length (M)	NaN in(NaN mm)
Mount Width (X or F)	NaN in(NaN mm)
Mount Slots (MS)	NaN in(NaN mm)
Weight (NOM)	5.43 lb
Exit Type	Side
Diameter (NOM)	1.75 in
Nominal Length (NOM)	2.7 in
Frame size (H x L)	3.0 x 4.0 in

ELECTRICAL CHARACTERISTICS

Supply Current Frequency (MIN)	60.0 Hz
Supply Current Frequency (NOM)	60.0 Hz
Voltage (MIN)	300.0

SAFETY & PERFORMANCE

- cUL Listed
- UL 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	System	Wattage	Current	Factor	Efficiency	Current	Current	Circuit	Voltage	factor	temperature	rating	top rise	
Voltage								Voltage			°F °F			
M90	1	277	128.0	0.5 A A	1.0	0.781	NaN A	NaN A	NaN V	NaN V	0.9	40.0 °F °F	1.5	A
M90	1	120	128.0	1.16 A A	1.0	0.781	NaN A	NaN A	NaN V	NaN V	0.9	40.0 °F °F	3.5	A
M90	1	347	128.0	0.4 A A	1.0	0.781	NaN A	NaN A	NaN V	NaN V	0.9	40.0 °F °F	1.0	A
M140	1	277	128.0	0.5 A A	1.0	0.781	NaN A	NaN A	NaN V	NaN V	0.9	40.0 °F °F	1.5	A
M140	1	120	128.0	1.16 A A	1.0	0.781	NaN A	NaN A	NaN V	NaN V	0.9	40.0 °F °F	3.5	A
M140	1	347	128.0	0.4 A A	1.0	0.781	NaN A	NaN A	NaN V	NaN V	0.9	40.0 °F °F	1.0	A

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 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.