GE Lighting

87531 - GEMH70-MSF-120

GE HID UltraMax™ eHID Electronic Low Frequency Ballast

GENERAL CHARACTERISTICS

Category	High Intensity Discharge
Ballast Type	Electronic - Low Frequency
Line Voltage Regulation (+/-) (NOM)	10.0 %
Ambient Temperature (MAX)	55.0 °C (13 °C)
Case Temperature (MAX)	90.0 °C
Ballast Factor	Normal
Sound Rating	A (20-24 decibels)
Enclosure Type	Plastic
Distance to Lamp (MAX)	8.0 ft
Additional Info	End of Life Protection (EOL) / Thermally protected

PRODUCT INFORMATION

Product Code	87531
Description	GEMH70-MSF-120
ANSI Code	C139/M98
Standard Package	Case
Standard Package GTIN	10043168875315
Standard Package Quantity	10
Sales Unit	Case
No Of Items Per Sales Unit	1
No Of Items Per Standard Package	10
UPC	043168875318

DIMENSIONS

Case dimensions	
Length (L)	3.7 in(95.00 mm)
Width (W)	3.0 in(75.69 mm)
Height (H)	1.2 in(30.73 mm)
Mounting dimensions	
Bracket Length (BL)	NaN in(NaN mm)
Mount Length (M)	3.4 in(86.11 mm)
Mount Width (X or F)	2.5 in(63.75 mm)
Mount Slots (MS)	0.2 in(4.32 mm)
Weight (NOM)	0.38 lb
Exit Type	Side
Remote Mounting Distance (NOM)	8.0 ft
Remote Mounting Wire Gauge (NOM)	18.0 AWG

Lead lengths	Qty	Exit	Length (± 1 in.)
Red	1	Right	10.0 (254 mm)
White	1	Left	10.0 (254 mm)
Black	1	Left	10.0 (254 mm)
Brown	1	Right	10.0 (254 mm)

ELECTRICAL CHARACTERISTICS

Lamp Operating Frequency (NOM)	130.0 Hz

SAFETY & PERFORMANCE

- ANSI - C62.41
- cUL Listed
- FCC - CLASS A Non-Consumer
- UL Listed
- UL Type 1 Outdoor
- Housing meets UL94V0 flame retardant
- UL 1029 Listed
- Suitable for recessed use
- Product is compliant with material restriction requirements of RoHS

SPECIFICATIONS BY LAMP & LINE VOLTAGE

Lamp	# of Lamps	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
M98	1	120	77.0	0.68 A A	1.0	0.909					0.99	0.0 °F °F	3.0	
M143	1	120	77.0	0.68 A A	1.0	0.909					0.99	0.0 °F °F	3.0	

NOTES

- 200C rated lead wires
- Do not connect brown or red wires to ground

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.