

70, 100 and 150 Watt Slim Line Electronic HID Ballast

GE's line of ultra cool UltraMax® eHID electronic ballasts provide up to 70% energy savings and 2-4 times the life of standard halogen. End users get the cost savings and the advantages offered in meeting strict watts per square foot requirements with these systems. UltraMax® eHID is a high energy efficiency ballast that uses less wattage to provide full light output.

The UltraMax® multi-volt slim line eHID ballast is designed for recessed can down lighting and outdoor landscape lighting requiring high efficiency energy savings, long life, cool ballast operation and maximum performance with ceramic metal halide lamps.

You can count on GE to answer your lamp and ballast questions at 1-888-GEBALLAST.

Performance Features

- 15-22% energy savings when replacing an HID electromagnetic ballast with UltraMax® eHID. Reduce energy costs up to \$100 per fixture* over the 5-year warranty period..
- Over 90% energy efficient ballasts.
- Low watts per square foot and long lamp life provide lower cost of ownership compared to halogen.
- Low frequency square wave electronic ballast maximizes ceramic metal halide performance and lamp life.
- Industry standard mini-square can size.
- Ultra cool operation ensures maximum ballast life and maintained warranty.
- 2% output regulation over accepted ANSI lamp voltages reduces visual flicker and maintains consistent lamp color. EM lag ballasts have up to 20% change in output power over the same lamp variation range which results in an increase in power (watts) to the lamp as the voltage increases over the life of the lamp.

Applications

- Replacement of electromagnetic HID ballasts.
- Replacement of 100W halogen or higher.
- High ceiling heights requiring high point source lumens.
- Any recessed down light application where watts per square foot are critical.



Benefits of Electronic Systems

System- Recessed Downlight @ 277 V	Ballast	Performance				% Savings (W)
		Initial Lumens	Watts	LPW	Lamp Life (hrs)	
CMH70PAR38SP	70W HX-HPF Magnetic UltraMax eHID 70W	4800	94	51	-	-22%
		4800	77	62	10000	
CMH100PAR38SP	100W HX-HPF Magnetic UltraMax eHID 100W	6500	129	50	-	-21%
		6500	107	61	10000	
MXR150/C/U/MED/O	150W CWA Magnetic UltraMax eHID 150W	12000	189	63	-	-15%
		12000	164	73	15000	

UltraMax® 100W eHID ballasts provide 22% energy savings and improvement in Lumens Per Watt when replacing a 100W HX-HPF electromagnetic ballast.

Specifications: 70, 100 and 150 Watt Slim Line Electronic HID Ballast

Product Code 12 Pack	Description	ANSI Designation	Line Voltage	System Watts	Nominal Current (Amps)	Power Factor	THD%	Ballast Efficiency
87546	GEMH70-SLF-MV	M98, M/C143	120	77	.66	> 99%	4.9%	91%
			277	77	.30	>97%	7.7%	91%
87561	GEMH100-SLF-MV	M90, M/C140	120	110	.93	> 99%	4.7%	91%
			277	107	.41	> 99%	7.8%	93.5%
87576	GEMH150-SLF-MV	M102, M/C142	120	167	1.44	> 99%	4.2%	90%
			277	164	.62	> 99%	10.6%	91.5%

Specifications

- Line Voltage 120VAC, +/- 10%, 50-60Hz
- Short Circuit Protection
- End of Life lamp protection
- Low Frequency Square Wave
- Lamp operating frequency: 130Hz
- OCV - 500 Vrms (Vpk-4.0kV)
- Lamp current crest factor <1.4
- Remote mounting distance = 8ft (18AWG)
- Meets ANSI Standard C62.41-1991
- ANSI approved pulse starting ensures high voltage reliable starting
- Bottom leads with mounting studs
- Meets FCC Part 18 (Class A) for EMI and RFI, Non-Consumer Limits
- UL C-UL 1029 listed, UL listed suitable for recessed use
- RoHS Compliant (Reduction in Hazardous Substances)
- Durable metal housing
- Inherent Thermal Protection
- Minimum Starting Temp: 0F, -18C
- 10 +2"/-0" lead wires 18AWG 200C
- Max Case Temp 70-100W -194F/90C 3yr, 167F/75C 5yr
150W - 185F/85C 3yr @ 277V
176F/80C 3yr @ 120V
158F/70C 5yr

Lamp Operation

M98, M/C143, M90, M/C140, M102, M/C142 Pulse Arc or Ceramic Metal Halide lamps

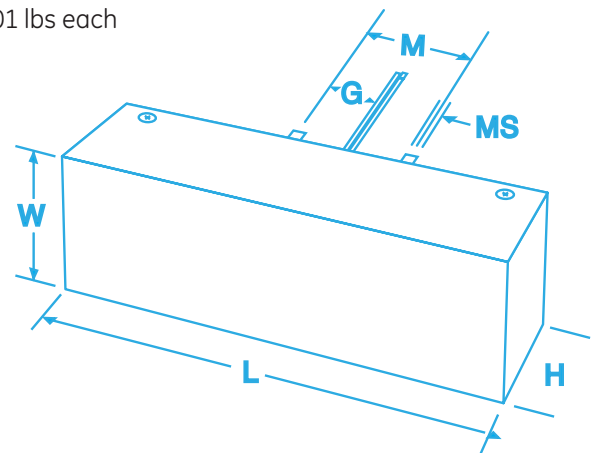
The Power Behind the Power

UltraMax® eHID electronic ballasts are custom-manufactured to our demanding Six Sigma specifications for dependable performance with 100% burn in all ballasts at the factory to ensure every ballast is ready to go on-site.



Packaging

2.01 lbs each



Case Dimensions						
Length	Width	Height	Mount Offset	Mount Length	Mount Width	Mount Slot
(L)	(W)	(H)	(G)	(M)	(X)	(MS)
7.28 in	2.58 in	2.2 in	1 in	.43 in	-	-
185 mm	65.5 mm	56 mm	25.4 mm	50.8 mm	-	#8-32 x .43

Transforming
the **POWER**
of light™

National Customer Service Center
1-888-GEBALLAST (432-2552)

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