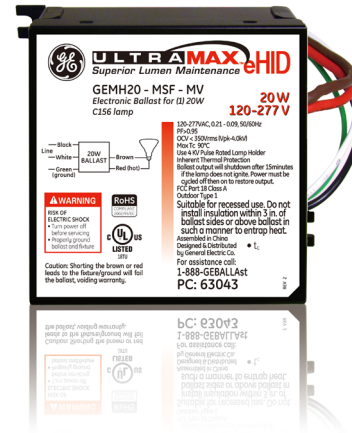


20W



A Perfect Match

ConstantColor® CMH® Lamps and UltraMax® eHID Ballasts

This package delivers premium benefits for your track, can and recessed can designs. Your customers will reap the rewards of these quality energy saving systems by realizing:

- **Long life:** 12,000 hour rated life means fewer lamp replacements and lower maintenance with a 5-year ballast limited warranty
- **Great performance:** low frequency ballast maximizes lamp performance and life
- **Great support:** GE's Express Lamp and Ballast Warranty Services, providing replacement products, dedicated phone support and on-site service support.

UltraMax® 20W micro electronic HID ballasts are designed to fit today's smallest HID track heads. These ballasts are not only ultra small, but they deliver the light output you need with incredible efficiency, all without sacrificing energy savings or thermal management.



GE Lamp and Ballast Systems Express Warranty Services

GE lamps and ballasts operating in our HID systems are backed with valuable advantages including:

- 5-year ballast limited warranty*
- Toll-free dedicated technical support at:
1-800-GELAMPS and 1-888-GEBALLAST
- High priority shipping status for warranty replacement
- Access to our national service network for replacement service
- Online technical and warranty information
- Claim-tracking status**

For more information about our Express Warranty Services visit:
www.gelighting.com/warranty

* Contingent upon maximum rated case temperature. See GE's warranty document for details.
** Some restrictions apply



ConstantColor CMH Lamps - 20 Watt

Code	Description	ANSI Code	Color Temp	CRI	Initial Lumens	Mean Lumens	Base	Rated Life
85101	CMH20MR16/830/SP	C156/M156	3000	81	1000		GX10	12,000
85110	CMH20MR16/830/FL	C156/M156	3000	81	1000		GX10	12,000
97638	CMH20MR16/830/SWFL	C156/M156	3000	81	1000		GX10	12,000
29485	CMH20PAR20/SP	C156/M156	3000	81	1000		E26	12,000
29486	CMH20PAR20/FL	C156/M156	3000	81	1000		E26	12,000
29487	CMH20PAR30/SP10	C156/M156	3000	81	1200		E26	12,000
29488	CMH20PAR30/SP15	C156/M156	3000	81	1200		E26	12,000
29489	CMH20PAR30/FL25	C156/M156	3000	81	1200		E26	12,000
29703	CMH20T/U/830/G12	C156/M156	3000	81	1600	1200	G12	12,000
85086	CMH20T/U830GU6.5	C156/M156	3000	81	1615	1066	GU6.5	12,000
92696	CMH20TCU830/G8.5	C156/M156	3000	81	1650	1090	GU6.5	12,000



UltraMax eHID Ballasts - 20 Watt

Code	Description	ANSI Code	Line Voltage	System Watts	Nominal Current	Power Factor	THD%	Ballast Efficiency
63042	GEMH20-MSJ-MV	M156/C156	120	23	0.21	> 95%	7.0%	86.0%
			277	23	0.09	> 95%	11.0%	86.0%
63043	GEMH20-MSF-MV	M156/C156	120	23	0.21	> 95%	7.0%	86.0%
			277	23	0.09	> 95%	11.0%	86.0%
74115	GEMH20-MC-120	M156/C156	120	23	0.20	> 95%	< 10.0%	87.0%



Specifications

- Line Voltage 120VAC, or 277 +/-10%, 50-60Hz
- Short Circuit Protection
- End of Life lamp protection
- Low Frequency Square Wave
- Lamp operating frequency: 130Hz
- OCV- 350Vrms (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
- Side lead wires with mounting feet – MSF
- Bottom lead wire with mounting stud – MSJ
- Metal housing for outdoor applications 63042, 63043
- No ground wire required
- Meets FCC Part 18 (Class A) for EMI and RFI, Non-Consumer Limits
- UL C-UL 1029 listed
- RoHS Compliant (Reduction in Hazardous Substances)
- Inherent Thermal Protection
- Minimum Starting Temp: 0°F, -18°C
- 10" +/-0" lead wires 18AWG 200C
- Max Case Temp 194°F/90°C 3yr, 167°F/75°C 5yr
- UL listed suitable for recessed use

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Warning: This lamp can cause serious skin burn and eye inflammation from shortwave ultraviolet radiation if outer envelope of the lamp is broken or punctured. Do not use where people will remain for more than a few minutes unless adequate shielding or other safety precautions are used. Lamps that will automatically extinguish when the outer envelope is broken or punctured are commercially available.

All values are design or typical values when measured under laboratory conditions, and GE makes no warranty or guarantee, express or implied, that such performance will be obtained under end-user conditions.