



CODE•MASTER™ LED FACTORY SEALED LUMINAIRES

FEATURES

- Fixture operates safely in high ambient temperatures
 - 70 W equivalent: -40 °C to +65 °C (-40 °F to +149 °F)
 - 100, 150, 400 W equivalent: -40 °C to +55 °C (-40 °F to +131 °F)
 - 175, 250, 350 W equivalent: -40 °C to +50 °C (-40 °F to +122 °F)
- 60,000 hours rated life eliminates the need for frequent relamping.
- Arrangement of heat-producing components results in more efficient heat dissipation for cooler fixture operation.
- All threaded joints are flame-tight.
- Aluminum body utilizes the same Code • Master HID mounting hoods, and is an easy retrofit for existing Code • Master HID installations; can be pendant, ceiling, wall, or stanchion mounted.
- Acme double-lead threads speed installation and fixture removal from mounting hood – only half as many turns are required as for single-lead threads. The threads do not stick or gall, eliminating the troublesome problems often encountered with single lead threads during fixture unit removal.
- Safe, easy servicing without disconnecting any wiring. “Wireless” fixture unit easily threads off mounting hood for convenient servicing or for immediate replacement with a “stand-by” unit.
- Factory sealed. External seals not required.

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- Lens, driver, and LED array are all field replaceable.
- LED arrays generate light outputs from 2,300 to 12,850 lumens (an equivalent of 70 W HID to 400 W HID lamps) providing exceptional efficacy
- Universal, high efficiency, drivers cover voltage requirements for 120-277 Vac and 347-480 Vac, 50/60 Hz, Volts +/- 10%.
- Standard surge suppression:
 - 3KV for 347-480 Vac input
 - 4KV for 120-277 Vac input

SUITABLE LOCATIONS

- Explosionproof fixtures suitable for use in:
 - A wide range of hazardous areas where ignitable vapors, dust, moisture and corrosive elements are present
 - Areas where access to relamp is difficult, reliability is essential, and environment is costly to maintain. Consistent light levels maintained regardless of cold temperatures
 - Areas requiring frequent on-and-off of lights or power cycling- no warm up time required
 - Type 4X, marine, wet locations and hose-down environments
 - Areas with high energy costs- Code • Master LED consumes 50% less power than its HID equivalent

- Typical applications include:
 - Chemical
 - Oil, Gas, and Petrochemical
 - Pulp and Paper
 - Foundries
 - Manufacturing
 - Waste and sewage treatment
 - Pharmaceutical
 - Mining
 - Power Generation

NEC/CEC RATINGS

- Class I, Division 1 and 2, Groups B, C, D *
- Class I, Zone 1, Group IIB + H₂
- Class II, Division 1, Group E, F, G
- Class II, Division 2, Group F, G
- Class III
- Simultaneous Exposure
- Type 3R, 4X
- IP66/67
- Suitable for Use in Wet Locations
- Marine Outside Type (Salt Water) *

* Use of a fuse voids Marine Outside Type (Salt Water) rating.



For product information:
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STANDARD MATERIALS

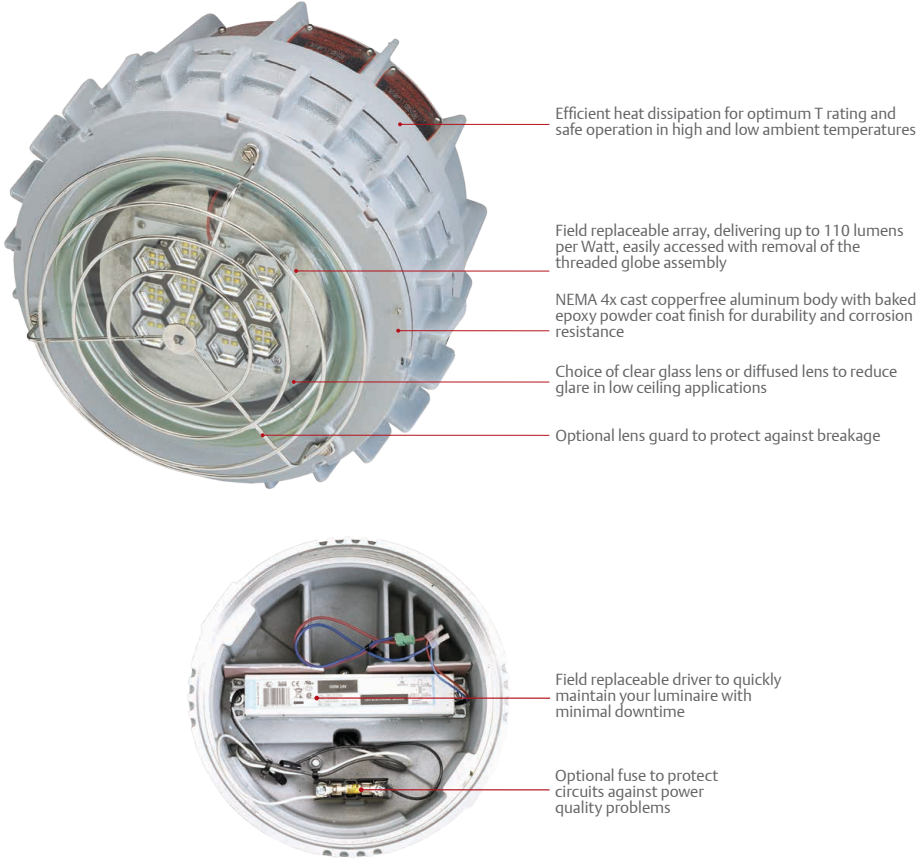
- Housing: copperfree (4/10 of 1% max.) aluminum
- Mounting hoods and bodies: cast copperfree (4/10 of 1% max.) aluminum
- All hardware and catch assemblies: stainless steel
- Gaskets: silicone
- Globe: explosionproof glass

STANDARD FINISHES

- Mounting hoods, bodies, and guards: baked gray epoxy clad finish, electrostatically applied for complete uniform protection

NEC/CEC CERTIFICATIONS AND COMPLIANCES

- UL Standard: UL 50, UL 50E, UL 844, UL 1598, UL 1598A, UL 8750
- CSA Standard: CAN/CSA-C22.2 No. 94.1-07 (R2012), CAN/CSA-C22.2 No. 94.2-07 (R2012), CAN/CSA-C22.2 No. 137-M1981 (R2009), CAN/CSA-C22.2 No. 250.0-08 (R2013), CAN/CSA-C22.2 No. 250.13, CAN/CSA-C22.2 No. 60529-05 (R2010)
- ANSI Standard: ANSI/IEC 60529
- cCSAus Certified: 70030675



	CMLED70	CMLED10	CMLED15	CMLED17	CMLED25	CMLED35	CMLED40
Equivalent to HPS/PSMH	70W	100W	150W	175W	250W	350W	400w
Voltage Range	BU: 120-277Vac, 50/60Hz					BH: 347-480Vac, 50/60Hz	BU: 120-277Vac, 50/60Hz
	BH: 347-480Vac, 50/60Hz						
LED Lumens	2582	3976	4838	6294	8982	11830	13732
Input Power (W)	35/33	47.5/46	61/62	74/72	97/92	107/103	127/128
	35/33	47.5/46	61/62	74/72	97/92		
Efficacy	74	84	79	85	93	111	108
T-Rating	T6 @ 55°C			T6 @ 50°C			T6 @ 55°C
Ambient Temperature	-40°C to +65°C	-40°C to +55°C	-40°C to +55°C	-40°C to +50°C	-40°C to +50°C	-40°C to +50°C	-40°C to +55°C
	(-40°F to +149°F)	(-40°F to +131°F)	(-40°F to +131°F)	(-40°F to +122°F)	(-40°F to +122°F)	(-40°F to +122°F)	(-40°F to +131°F)
CCT/CRI	5650K/70						
Fixture Weight	17 kg (38 lbs)						
Standard Materials	Baked gray epoxy clad finish, electrostatically applied for complete, uniform protection						
Lifetime	60,000+ hours						