

**Commercial Emergency**

**CPM Series**  
Die Formed LED  
Steel Recessed  
12 VDC Power Supply



**Specifier's Reference**

Project
Type
Model No.
Comments

**codes and standards**

- UL listed to Standard 924
- NFPA 70 (National Electric Code)
- NFPA 101 (Life Safety Code)
- IBC, BOCA, and OSHA illumination standard
- UL 924 damp location listed optional (50 W models only) 50°F to 104°F
- NFPA 101, NEC, IBC, BOCA, and OSHA illumination standard

**construction**

- The CPM power module rough-in enclosure is fabricated from 20 gauge die formed galvanized steel.
- The trim plate is fabricated from 12 gauge steel and is painted with a matte white powder coat finish.
- The trim plate is offered with an optional matte black finish.
- Knockouts for conduit as well as screw hole knockouts for mounting to joist are conveniently located on the back box.

**installation**

- The CPM, when installed in a mechanical ceiling system, utilizes a metal rough in enclosure that can be secured to the ceiling structure via an optional bar hanger kit or via support cables suspending the unit from permanent building structures.
- Sheetrock ceiling installations allow the rough-in enclosure to attach to ceiling joists via screw hole knockouts in the enclosure.
- The trim plate is secured to the rough in enclosure via four oval head screws.
- A safety hook device is supplied to support the trim plate during installation.

**electronics**

- 120/277 VAC, 60 Hz, dual input.
- The CPM power module utilizes an automatic voltage regulated charging system.
- The 2 state charger eliminates the need for periodic battery exercising.

- A momentary test switch and normal power indicator lamp are located on the trim plate to assist testing and visual inspection of the product.
- A pre-wired plug in receptacle is provided within the enclosure for routing 12 VDC emergency power to remote emergency luminaires.
- Power consumption
  - CPM50 - (120 VAC) .22 A, (277 VAC) .11 A.
  - CPM75 - (120 VAC) .21 A, (277 VAC) .11 A.
  - CPM50DL - (120 VAC) .22 A, (277 VAC) .11 A.
- Standard unit: 65°F (19°C) to 85°F (30°C).
- Damp location: 50°F (10°C) to 104°F (40°C). (CPM50 models only)

**lamps**

- The CPM is a suggested emergency power source for the PathMaster interior/exterior low level LED Luminaire, the CEF MR16 exterior wall/soffit remote, and the CRE recessed MR16 exterior remote (see back).
- Any 12 VDC remote emergency luminaire can also be powered by the CPM power module.
- The connected remote load must not exceed the capacity rating of the CPM product.

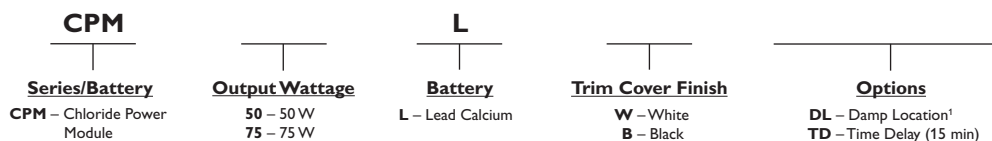
**battery**

- Maintenance free sealed lead calcium with 5 year life.

**warranty**

- Five full year warranty on electronics and unit.

**Green Product Choice: CPM50LW**



**Accessories (order separately)**

**BHK1** – Bar hanger kit for mechanical ceilings

**Footnotes**

<sup>1</sup> Damp location available on 50 W version only.

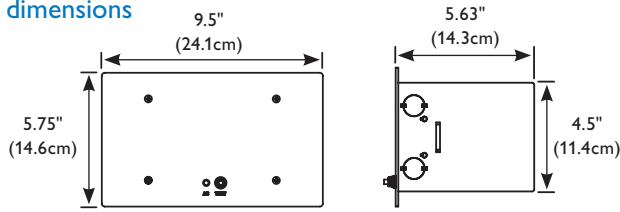


options

- DL – Damp location listed products include various levels of corrosion protection on printed circuit board assemblies and other metallic parts. Environmental testing throughout a range of ambient temperature and 88% relative humidity.

- TD – The time delay circuit causes the emergency lighting equipment to remain under battery power for a period of 15 minutes after the utility power has been restored.

dimensions



recommended product selection to be used with the CPM

Maximum of 75 W of connected luminaires can be operated by the CPM.

CEF Series



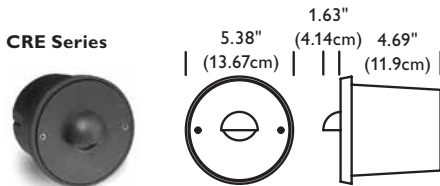
CEF

Series/Battery	# of Heads	Mounting Plate	Finish	Lamp Type
CEF – Indoor/Outdoor Remote Head	1 – Single Remote Head 2 – Double Remote Head	R – 4" Round S – Single Gang Rectangular	BK – Black BZ – Bronze	MR16 Halogen Lamps Blank – No Lamps Installed 20WF – 12 V, 20 W Wide Flood 40° 35FL – 12 V, 35 W Flood 25° 35WF – 12 V, 35 W Wide Flood 40° 50FL – 12 V, 50 W Flood 25° 50WF – 12 V, 50 W Wide Flood 40° MR16 LED Lamp 7F – 12 V, 7 W Flood 35°

Accessories (Order Separately)

- ORBBK – Outdoor 4" Round Surface Mount Junction Box, Black
- ORBBZ – Outdoor 4" Round Surface Mount Junction Box, Bronze
- OSBBK – Outdoor Single Gang, Surface/Recessed 2-3/4" x 4-1/2" Junction Box, Black
- OSBBZ – Outdoor Single Gang, Surface/Recessed 2-3/4" x 4-1/2" Junction Box, Bronze

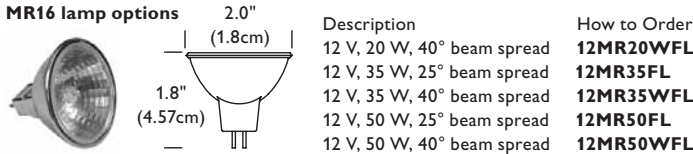
CRE Series



Series

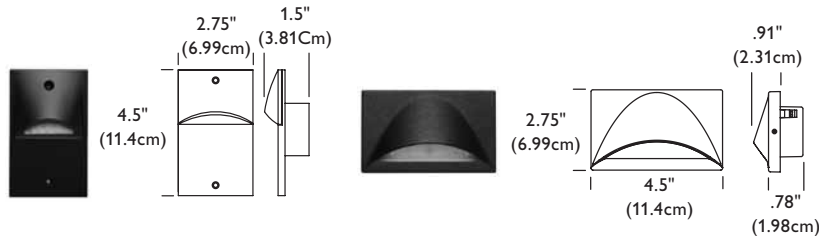
- CREBK – Outdoor Remote Head Recessed, Black
- CREBZ – Outdoor Remote Head Recessed, Bronze
- \*Lamps sold separately.

MR16 lamp options



PathMaster

Maximum of 8 luminaires on high setting can be operated by the CPM50.  
Maximum of 13 luminaires on high setting can be operated by the CPM75.  
Consult factory for custom colors.



Series

- P1SBK – Outdoor LED Luminaire, Black
- P1SWH – Outdoor LED Luminaire, White
- P1SIV – Outdoor LED Luminaire, Ivory
- PH1SBK – Outdoor LED Luminaire, Black
- PH1SWH – Outdoor LED Luminaire, White
- PH1SIV – Outdoor LED Luminaire, Ivory



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