



MasterColor CDM 70W/830 830WW Med PAR38 CL 1CT

Product family description

Range of high-efficiency, ceramic metal halide reflector lamps with a stable color over lifetime and a crisp, sparkling light.

Features/Benefits

- Excellent color rendering.
- Superior color stability over life within $\pm 200\text{K}$.
- Lamp to lamp color consistency over life.
- Warm (3K) or fresh white (4K) color impression.
- High lamp efficacy (up to 93 lumens per watt) for energy saving and low heat.
- Universal operating position, suitable for open fixtures.
- High beam intensities from unique reflector design.
- FadeBlock for reduced fading risks.
- No shut off required in 24-hour-a-day/7-day-a-week operations (relamp fixtures at or before the end of rated life).
- Long lamp life compared to incandescent and halogen lamps.
- 12,500 hours lamp life.

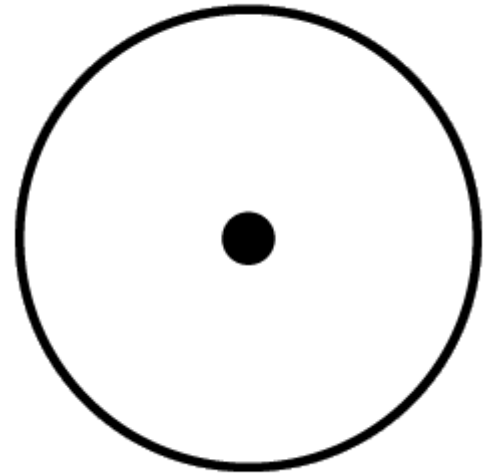
Applications

- Ideal for retail accent and display lighting; architectural lighting.

Notes

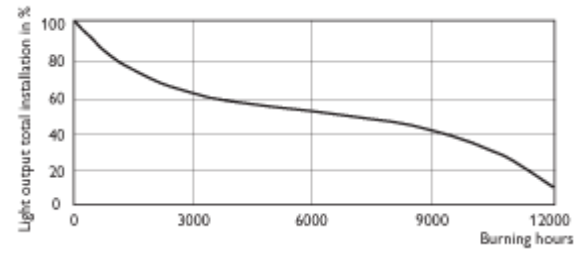
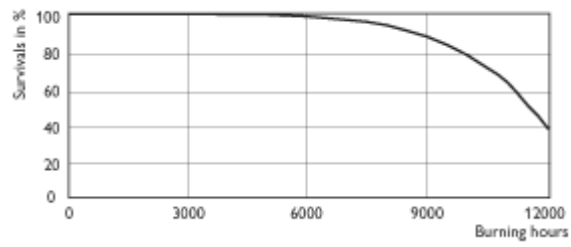
- Requires a ballast specified or approved for Philips Metal Halide lamp or one designed to the indicated ANSI Standard. A pulse ignitor is required. Sockets and wiring must withstand starting pulse. (391)
- Supply volts must be $\pm 5\%$ of rated ballast line volts for reactor type and $\pm 10\%$ for CWA or electronic ballasts. (392)
- UV filtered design (FadeBlock™). (396)
- This product utilizes ALTO® Lamp Technology. ALTO products pass the US EPA's Toxicity Characteristic Leaching Procedure (TCLP) for non-hazardous waste status. (399)
- MasterColor® Metal Halide Lamps are not recommended for use on dimmers and are not warranted if used on dimmer systems. (401)
- Rated average life is the life obtained, on the average, from large representative groups of lamps in laboratory tests under controlled conditions at 10 or more operating hours per start. It is based on survival of at least 50% of the lamps and allows for individual lamps or groups of lamps to vary considerably from the average. For lamps with a rated average life of 24,000 hours, life is based on survival of 67% of the lamps. (351)
- Approximate lumen values listed are for vertical operation of the lamp. (352)
- Means Lumens is the approximate lumen output at 40% of lamp rated average life. (353)
- Heat resisting glass bulb.

Product data	
Product Number	222497
Full product name	MasterColor CDM 70W/830 830WW Med PAR38 CL 1CT
Ordering Code	222497
Pack type	1 Lamp in a Folding Carton
Pieces per Sku	1
Skus/Case	12
Pack UPC	046677222499
EAN2US	
Case Bar Code	50046677222494
Successor Product number	
Base	Medium [Single Contact Medium Screw]
Bulb	PAR38 [PAR 4.75 inch/121mm]
Bulb Finish	Clear
Operating Position	Universal [Any or Universal (U)]
Packing Type	1CT [1 Lamp in a Folding Carton]
Packing Configuration	12
Ordering Code	CDM70/PAR38/FL/3K ALTO
Pack UPC	046677222499
Case Bar Code	50046677222494
System Power EL	82 W
Watts	70W
Lamp Wattage EL	70 W
Lamp Voltage	95 V
Beam Description	Flood [Flood]
Beam Angle	25D
Approx. MBCP	18000 cd
Color Code	830 [CCT of 3000K]
Color Rendering Index	83 Ra8
Color Designation	Warm White
Color Description	830 Warm White
Color Temperature	3000 K
Initial Lumens	4100 Lm
Initial Lumens	4100 Lm
Overall Length C	138.112 mm
Diameter D	
Product Number	222497



Base Medium

Operating Position Universal



CDM 70W/830/940

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