



# MasterColor CDM 100W/ 830 Med PAR38 CL ICT

## Product family description

Philips MasterColor® Ceramic Metal Halide PAR38 Lamps offer high-efficiency, ceramic metal halide reflector lamps with a stable color over lifetime and a crisp, sparkling light.

## Features

- Superior color stability— within  $\pm 200\text{K}$ .
- Lamp to lamp color consistency over life higher lumen maintenance.
- Improved lumen maintenance over standard metal halide.
- Feature ALTO lamp technology with reduced mercury.
- Operate on existing ballasts.
- Lamps feature integrated UV blocking medium for reduced fading of fabrics and paintings.
- 70 and 100 watt flood and spot, 3000, and 4000K versions

## Benefits

- Philips MC PAR38 lamps deliver improved lumen maintenance over standard metal halide PAR lamps.
- Philips MC PAR38 lamps reduce lighting cost of ownership - they are an energy efficient alternative to incandescent or halogen PAR lamps.

## Application

- Ideal for retail accent and display lighting and architectural lighting for interior and exterior applications.

## Notes

- R "WARNING: These lamps can cause serious skin burn and eye inflammation from short wave 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. Certain lamps that

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will automatically extinguish when the outer envelope is broken or punctured are commercially available."

This lamp complies with FDA radiation performance standard 21 CFR subchapter J. (USA:21 CFR 1040.30 Canada: SOR/DORS/80-381)

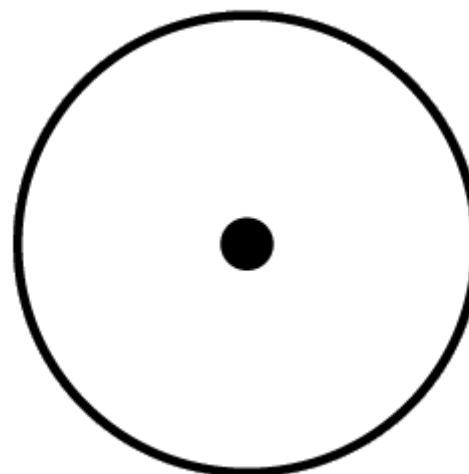
- Requires a ballast specified or approved for Philips Metal Halide lamp or one designed to the indicated ANSI Standard. A pulse ignitor is required. Sockets and wiring must withstand starting pulse. (391)
- Supply volts must be +/- 5% of rated ballast line volts for reactor type and +/- 10% for CWA 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)
- Heat resisting glass bulb.

Product data	
Product Number	244772
Full product name	MasterColor CDM 100W/830 Med PAR38 CL ICT
Ordering Code	244772
Pack type	1 Lamp in a Folding Carton
Pieces per Sku	1
Skus/Case	12
Pack UPC	046677244774
EAN2US	
Case Bar Code	50046677244779
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	ICT [1 Lamp in a Folding Carton]
Packing Configuration	12

Product data	
Ordering Code	CDM100/PAR38/SP/3K ALTO
Pack UPC	046677244774
Case Bar Code	50046677244779
System Power EL	112 W
Watts	100W
Lamp Wattage EL	100 W
Lamp Voltage	90 V
Beam Description	Spot
Beam Angle	15D
Approx. MBCP	65000 cd
Color Code	830 [CCT of 3000K]
Color Rendering Index	82 Ra8
Color Designation	Warm White
Color Description	830 Warm White
Color Temperature	3000 K
Initial Lumens	6200 Lm
Initial Lumens	6200 Lm
Overall Length C	138.112 mm
Diameter D	
Product Number	244772



Base Medium



Operating Position Universal



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Document order number : 0000 000 00000