PHILIPS Lighting



MasterColor CDM PAR38

MasterColor CDM100/PAR38/FL/3K ALTO ELITE 12PK

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.

Warnings and Safety

- 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 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)
- Lamp contains mercury. Manage in Accord with Disposal Laws. See: www.lamprecycle.org or 1-800-555-0050

Product data

General Information		Luminous Intensity (Nom)	20000 cd
Base	E26 [Single Contact Medium Screw]	Beam Description	Flood [Flood]
Operating Position	Universal [Universal]	Color Designation	Warm White (WW)
Life to 50% Failures (Nom)	16000 h	Chromaticity Coordinate X (Nom)	0.430
ANSI Code HID	C90/O	Chromaticity Coordinate Y (Nom)	0.402
		Correlated Color Temperature (Nor	n) 3000 K
Light Technical		Color Rendering Index (Nom)	92
Beam Angle (Max)	31°		
Beam Angle (Min)	19	Operating and Electrical	
Color Code	830 [CCT of 3000K]	Power (Rated) (Nom)	100 W
Beam Angle (Nom)	25 °	Lamp Current (EM) (Nom)	1.1 A
Luminous Flux (Rated) (Nom)	6800 lm	Ignition Supply Voltage (Min)	235 V
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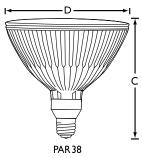
Re-Ignition Time (Min) (Max)	8 min	
Ignition Time (Max)	10 s	
Voltage (Max)	110 V	
Voltage (Min)	85 V	
Voltage (Nom)	90 V	
Controls and Dimming		
Dimmable	No	
Run-Up Time 90% (Max)	2 min	
Mechanical and Housing		
Bulb Finish	Clear	
Luminaire Design Requirements		

350 °C

Cap-Base Temperature (Max)	190 °C		
Product Data			
Order product name	MasterColor CDM100/PAR38/FL/3K ALTO ELITE		
	12PK		
EAN/UPC - Product	046677456511		
Order code	456517		
Numerator - Quantity Per Pack	1		
Numerator - Packs per outer box	12		
Material Nr. (12NC)	928494030901		
Net Weight (Piece)	0.307 kg		

Dimensional drawing

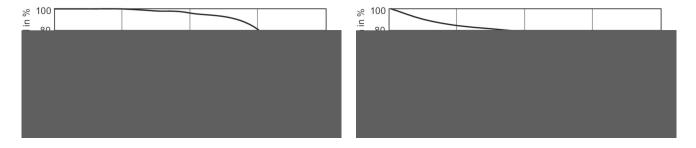
Bulb Temperature (Max)



ProductDDC (max)MasterColor CDM100/PAR38/FL/3K ALTO4.76 in121.0 mm134.0 mmELITE 12PK5.0 mm5.0 mm5.0 mm5.0 mm

CDM 100W/830 E26 PAR38 FL 25D ALTO Elite

Lifetime



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www.lighting.philips.com 2021, January 5 - data subject to change