



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)	
Base	E26 [Single Contact Medium Screw]		20000 cd
Operating Position	Universal [Universal]	Beam Description	Flood [Flood]
Life to 50% Failures (Nom)	16000 h	Color Designation	Warm White (WW)
ANSI Code HID	C90/O	Chromaticity Coordinate X (Nom)	0.430
		Chromaticity Coordinate Y (Nom)	0.402
		Correlated Color Temperature (Nom)	3000 K
		Color Rendering Index (Nom)	92
Light Technical		Operating and Electrical	
Beam Angle (Max)	31°	Power (Rated) (Nom)	100 W
Beam Angle (Min)	19	Lamp Current (EM) (Nom)	1.1 A
Color Code	830 [CCT of 3000K]	Ignition Supply Voltage (Min)	235 V
Beam Angle (Nom)	25°		
Luminous Flux (Rated) (Nom)	6800 lm		

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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
Bulb Shape	PAR38 [PAR 4.75 inch/121mm]

Luminaire Design Requirements

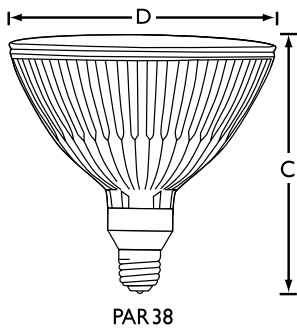
Bulb Temperature (Max)	350 °C
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Cap-Base Temperature (Max)	190 °C
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Product Data

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

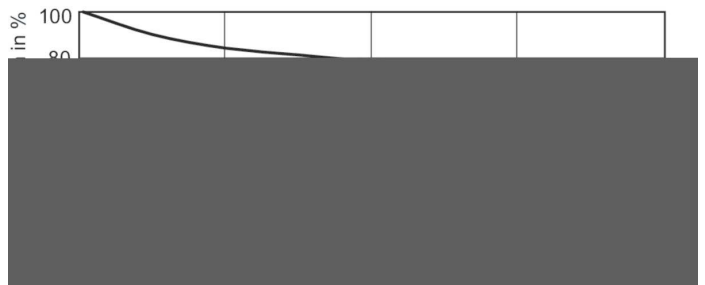
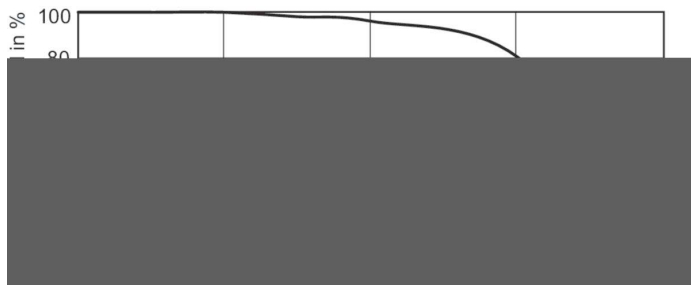
Dimensional drawing



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

Product	D	D	C (max)
MasterColor CDM100/PAR38/FL/3K ALTO ELITE 12PK	4.76 in	121.0 mm	134.0 mm

Lifetime



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