



MasterColor CDM PAR38

MasterColor CDM 100/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.

PHILIPS

Product data

• General Information

Cap-Base	Medium [Medium]
Bulb Shape	PAR38 [PAR 4.75 inch/121mm]
Operating Position	Universal [Universal]
Life To 50% Failures (Nom)	16000 h
ANSI Code HID	C90/O

• Light Technical

Beam Angle (Max)	31 °
Beam Angle (Min)	19 °
Color Code	830 [CCT of 3000K]
Beam Angle (Nom)	25 °
Luminous Flux (Rated) (Nom)	6800 lm
Luminous Intensity (Nom)	20000 cd
Beam Description	Flood [Flood]
Color Designation	Warm White (WW)
Chromaticity Coordinate X (Nom)	0.430
Chromaticity Coordinate Y (Nom)	0.402
Correlated Color Temperature (Nom)	3000 K
Color Rendering Index (Nom)	92

• Operating and Electrical

Power (Rated) (Nom)	100 W
Lamp Current (EM) (Nom)	1.1 A
Ignition Supply Voltage (Min)	235 V

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 (CL)
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• Luminaire Design Requirements

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

• Product Data

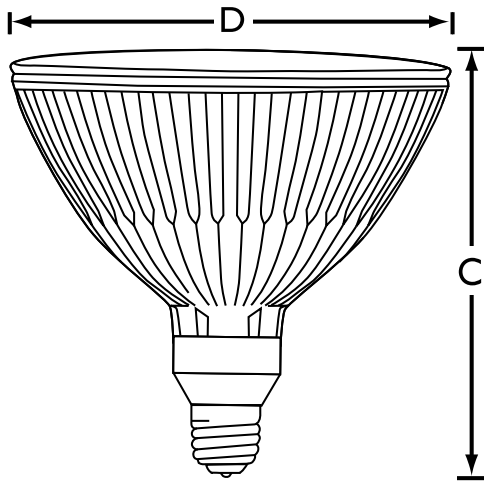
Order product name	MasterColor CDM 100/PAR38/FL/3K ALTO ELITE 12PK
EAN/UPC - Product	046677456511
Order code	456517
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928494030901
Net Weight (Piece)	0.307 kg

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)

Dimensional drawing

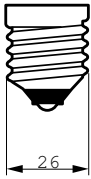


PAR 38

E26/E27, PAR38

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

Product	D	D	C
MasterColor: CDM 100/PAR38/FL/3K ALTO ELITE 12PK	4.76 in	121.0 mm	134.0 mm



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data subject to change