

PHILIPS

Lighting



MasterColor CDM PAR38

MasterColor CDM 100/PAR38/SP/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.

Product data

General Information	
Cap-Base	E26 [Single Contact Medium Screw]
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)	19 °
Beam Angle (Min)	11
Color Code	830 [CCT of 3000K]
Beam Angle (Nom)	15 °
Luminous Flux (Rated) (Nom)	6600 lm
Luminous Intensity (Nom)	50000 cd
Beam Description	Spot
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

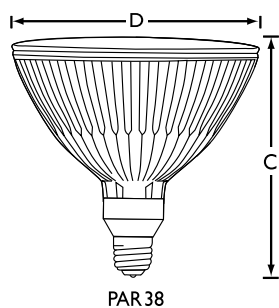
Bulb Temperature (Max)	350 °C
Cap-Base Temperature (Max)	190 °C

Product Data

Order product name	MasterColor CDM 100/PAR38/SP/3K ALTO ELITE 12PK
EAN/UPC - Product	046677456504

Order code	456509
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928493930901
Net Weight (Piece)	0.307 kg

Dimensional drawing



CDM 100W/830 E26 PAR38 SP 15D ALTO Elite

Product	D	D	C
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