



# MasterColor CDM PAR38

## MasterColor CDM100/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]
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)
Luminaire Design Requirements	
Bulb Temperature (Max)	350 °C
Cap-Base Temperature (Max)	190 °C

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## Product Data

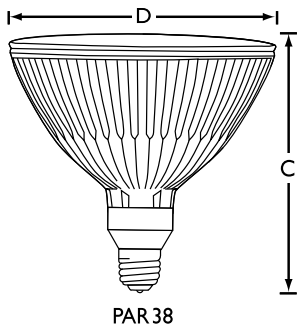
Order product name	MasterColor CDM100/PAR38/SP/3K ALTO ELITE 12PK
EAN/UPC - Product	046677456504
Order code	456509
Numerator - Quantity Per Pack	1

Numerator - Packs per outer box	12
Material Nr. (12NC)	928493930901
Net Weight (Piece)	0.307 kg

## 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](http://www.lamprecycle.org) or 1-800-555-0050

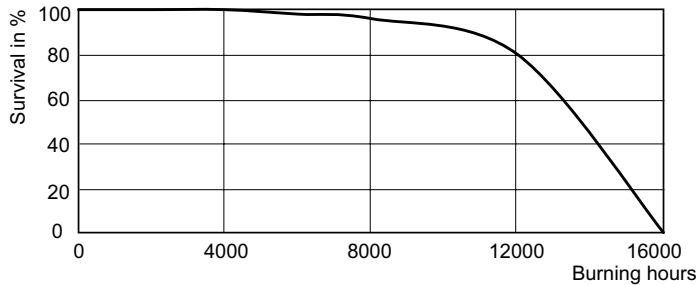
## Dimensional drawing



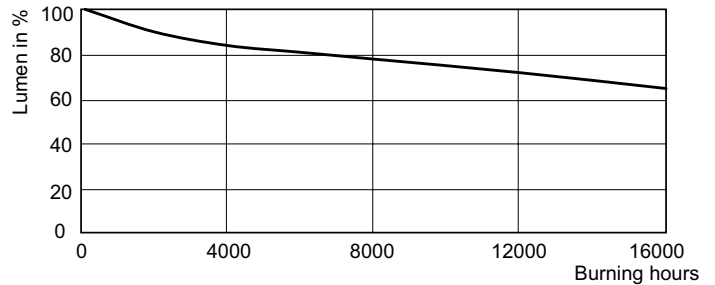
CDM 100W/830 E26 PAR38 SP 15D ALTO Elite

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

## Lifetime



ALTO Elite PAR38 70 W, 100 W /830, /940



ALTO Elite PAR38 70 W, 100 W /830

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