

**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.

### Product data

General Information		Lamp Current (EM) (Nom)	
Cap-Base	E26 [ Single Contact Medium Screw]		1.1 A
Operating Position	Universal [ Universal]	Ignition Supply Voltage (Min)	235 V
Life to 50% Failures (Nom)	16000 h	Re-Ignition Time (Min) (Max)	8 min
ANSI Code HID	C90/O	Ignition Time (Max)	10 s
		Voltage (Max)	110 V
		Voltage (Min)	85 V
		Voltage (Nom)	90 V
Light Technical		Controls and Dimming	
Beam Angle (Max)	31 °	Dimmable	No
Beam Angle (Min)	19	Run-Up Time 90% (Max)	2 min
Color Code	830 [ CCT of 3000K]	Mechanical and Housing	
Beam Angle (Nom)	25 °	Bulb Finish	Clear (CL)
Luminous Flux (Rated) (Nom)	6800 lm	Luminaire Design Requirements	
Luminous Intensity (Nom)	20000 cd	Bulb Temperature (Max)	350 °C
Beam Description	Flood [ Flood]	Cap-Base Temperature (Max)	190 °C
Color Designation	Warm White (WW)	Product Data	
Chromaticity Coordinate X (Nom)	0.430	Order product name	MasterColor CDM100/PAR38/FL/3K ALTO ELITE 12PK
Chromaticity Coordinate Y (Nom)	0.402	EAN/UPC - Product	046677456511
Correlated Color Temperature (Nom)	3000 K		
Color Rendering Index (Nom)	92		
Operating and Electrical			
Power (Rated) (Nom)	100 W		

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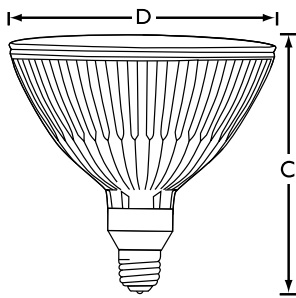
Order code	456517
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928494030901

Net Weight (Piece)	0.307 kg
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## 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

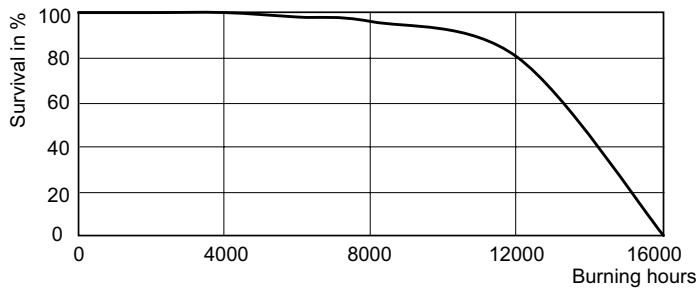


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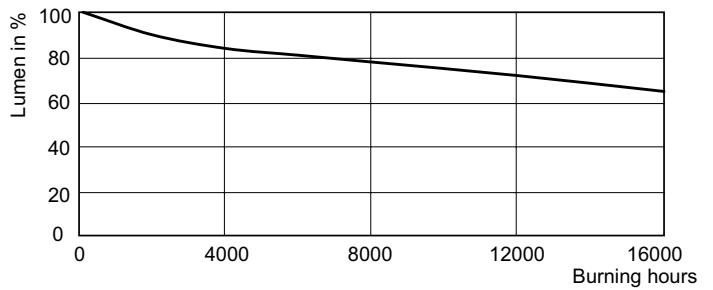
CDM 100W/830 E26 PAR38 FL 25D ALTO Elite

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

## Lifetime



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



ALTO Elite PAR38 70 W, 100 W /830

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