



MasterColor CDM PAR38

MasterColor CDM100/PAR38/FL/4K 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)

Product data

General Information		Beam Description	
Cap-Base	E26 [Single Contact Medium Screw]	Beam Description	Flood
Operating Position	UNIVERSAL [Any or Universal (U)]	Color Designation	Cool White (CW)
Life to 50% Failures (Nom)	16000 h	Chromaticity Coordinate X (Nom)	0.380
ANSI Code HID	C90/O	Chromaticity Coordinate Y (Nom)	0.375
Light Technical		Correlated Color Temperature (Nom)	4200 K
Beam Angle (Max)	31°	Color Rendering Index (Nom)	92
Beam Angle (Min)	19	Operating and Electrical	
Color Code	940 [CCT of 4000K]	Power (Nom)	95.0 W
Beam Angle (Nom)	25°	Lamp Current (EM) (Nom)	1.10 A
Luminous Flux (Rated) (Nom)	6400 lm	Ignition Supply Voltage (Min)	235 V
Luminous Intensity (Nom)	20000 cd	Re-Ignition Time (Min) (Max)	8 min
		Ignition Time (Max)	10 s

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Voltage (Max)	122 V
Voltage (Min)	97 V
Voltage (Nom)	102 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

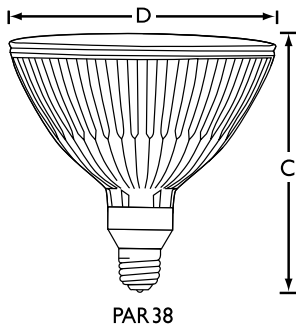
Bulb Temperature (Max)	350 °C
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Cap-Base Temperature (Max)	190 °C
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Product Data

Order product name	MasterColor CDM100/PAR38/FL/4K ALTO ELITE 12PK
EAN/UPC - Product	046677456535
Order code	928494230901
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928494230901
Net Weight (Piece)	0.307 kg

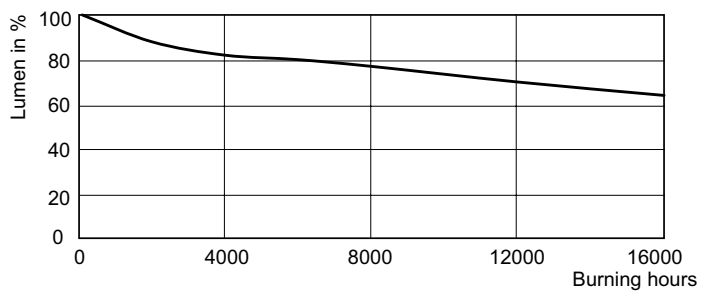
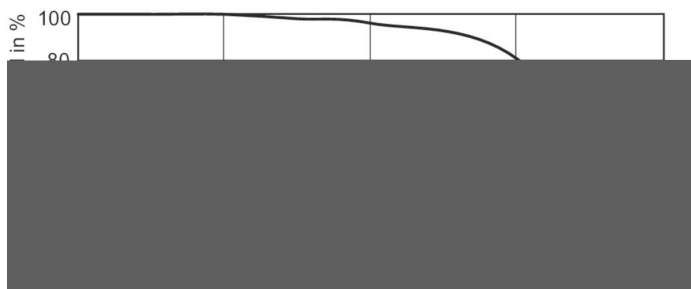
Dimensional drawing



CDM 100W/940 E26 PAR38 FL 25D ALTO Elite

Product	D	D	C (max)
MasterColor CDM100/PAR38/FL/4K ALTO ELITE 12PK	4.76 in	121.0 mm	134.0 mm

Lifetime



LDLM_ICDMPAR_0001-Lumen maintenance diagram

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