

MasterColor CDM PAR38

MasterColor CDM 100W PAR38 SP ALTO Elite

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 Characteristics

Base	Medium [Single Contact Medium Screw]
Bulb	PAR38 [PAR 4.75 inch/121mm]
Bulb Finish	Clear
Operating Position	Universal [Any or Universal (U)]
RatedAvgLife(See Family Notes)	16000 hr

• Light Technical Characteristics

Beam Description	Spot
Beam Angle	15 D
Beam Angle Technical	11 (min), 15 (nom), 19 (max) D
Approx. MBCP	50000 cd
Color Code	940 [CCT of 4000K]
Color Rendering Index	90 Ra8
Color Designation	Cool White
Color Temperature	4200 K
Color Temperature technical	4200 K
Initial lumen	5500 Lm
Chromaticity Coordinate X	0.380 -
Chromaticity Coordinate Y	0.375 -

• Electrical Characteristics

Watts	100 W
Lamp Wattage	95.0 W
Lamp Voltage	102 V
Lamp Current EM	1.1 A

Ignition Time	10 (max) s
Run-up time 90%	2 (max) min
Re-ignition Time [min]	8 (max) min
Dimmable	No

• Luminaire Design Requirements

Cap-Base Temperature	190 (max) C
Bulb Temperature	350 (max) C

• Product Dimensions

Overall Length C	134.0 (max) mm
Diameter D	121.0 mm
Max Overall Length (MOL) - C	5.28 (max) in
Diameter D	4.76 in

• Product Data

Product number	456525
Full product name	MasterColor CDM 100W PAR38 SP ALTO Elite
Short product name	CDM100/PAR38/SP/4K ALTO ELITE 12PK
Pieces per Sku	1
eop_pck_cfg	12
Skus/Case	12
Bar code on pack	46677456528
Bar code on case	50046677456523
Logistics code(s)	928494130901
eop_net_weight_pp	0.307 kg

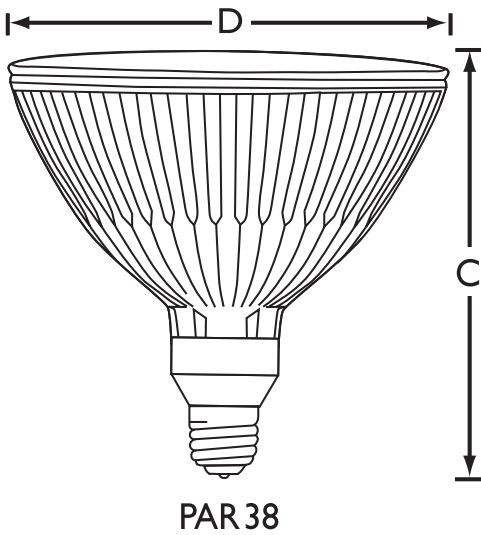
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Warnings and Safety

- 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)

Dimensional drawing



E26

MasterColor CDM 100W PAR38 SP ALTO Elite

Product	C (Max)	D (Norm)
CDM 100W/940 E26 PAR38 SP 15D ALTO Elite	134.0	121.0



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