



MasterColor® CDM PAR38

MasterColor CDM 70W/940 Med PAR38 CL 1CT

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.

PHILIPS
sense and simplicity

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)	12500 hr

• Light Technical Characteristics

Beam Description	Spot
Beam Angle	15 D
Beam Angle Technical	11 (min), 15 (nom), 19 (max) D
Approx. MBCP	40000 cd
Color Code	940 [CCT of 4000K]
Color Rendering Index	90 (min), 92 (nom) Ra8
Color Designation	Cool White
Color Temperature	4000 K
Color Temperature technical	4000 K
Chromaticity Coordinate X	0.382 -
Chromaticity Coordinate Y	0.373 (min), 0.379 (nom), 0.391 (max) -
Initial Lumens	3700 Lm
Initial Lumens	3700 Lm

• Electrical Characteristics

System Power EM	90 W
System Power EL	82 W
Watts	70 W
Lamp Wattage	70 W

Lamp Wattage EL	70 W
Mains Voltage Stable Operation	120 V
Lamp Voltage	102 V
Lamp Current EM	0.8 A
Lamp Current EL	0.8 A
Ignition Time	10 (max) s
Re-ignition Time	8 (max) min [min]

• Luminaire Design Requirements

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

• Product Dimensions

Overall Length C	138.112 (max) mm
Diameter D	120.65 mm

• Product Data

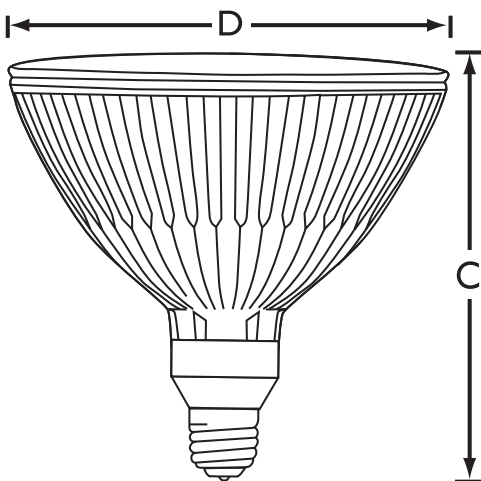
Product number	288720
Full product name	MasterColor CDM 70W/940 Med PAR38 CL 1CT
Short product name	CDM70/PAR38/SP/4K ALTO 12PK
Pieces per Sku	1
eop_pck_cfg	12
Skus/Case	12
Bar code on pack	46677288723
Bar code on case	50046677288728
Logistics code(s)	928601129603
tpd_ilcos_cd	MR-70/40/1A-H-E26-121/15
eop_net_weight_pp	307.000 gr

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



PAR 38

E26/E27, PAR38

Product	C (Max)	D (Norm)
CDM 70W/940 E26 PAR38 Spot 15D	138.112	120.65

Dimensional drawing



E26



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data subject to change