



MasterColor® CDM PAR38

MasterColor CDM 100W/830 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	Flood [Flood]
Beam Angle	25 D
Beam Angle Technical	19 (min), 25 (nom), 31 (max) D
Approx. MBCP	24000 cd
Color Code	830 [CCT of 3000K]
Color Rendering Index	80 (min), 82 (nom) Ra8
Color Designation	Warm White
Color Temperature	3000 K
Color Temperature technical	3000 K
Chromaticity Coordinate X	0.435 -
Chromaticity Coordinate Y	0.389 (min), 0.395 (nom), 0.401 (max) -
Initial Lumens	6200 Lm
Initial Lumens	6200 Lm

• Electrical Characteristics

System Power EM	129 W
System Power EL	112 W
Watts	100 W
Lamp Wattage	100 W

Lamp Wattage EL	100 W
Mains Voltage Stable Operation	120 V
Lamp Voltage	90 V
Lamp Current EM	1.1 A
Lamp Current EL	1.1 A
Ignition Time	10 (max) s
Re-ignition Time [min]	8 (max) 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

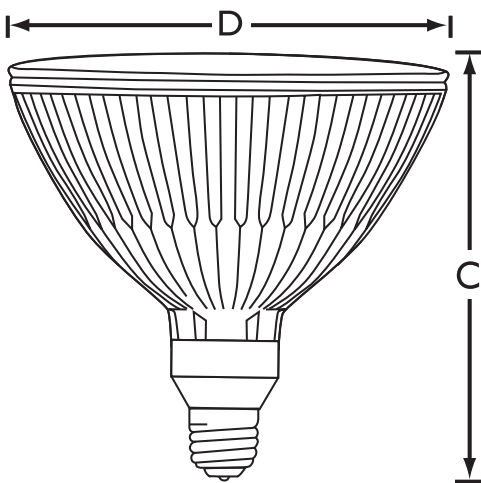
Product number	244764
Full product name	MasterColor CDM 100W/830 Med PAR38 CL 1CT
Short product name	CDM100/PAR38/FL/3K ALTO 12PK
Pieces per Sku	1
eop_pck_cfg	12
Skus/Case	12
Bar code on pack	46677244767
Bar code on case	50046677244762
Logistics code(s)	928601129803
tpd_ilcos_cd	MR-100/30/1B-H-E26-121/25
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 100W/830 E26 PAR38 Flood 25D	138.112	120.65

Dimensional drawing



E26



© 2012 Koninklijke Philips Electronics N.V.
All rights reserved.

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips Electronics N.V. or their respective owners.

www.philips.com/lighting

2012, August 4
data subject to change