

PHILIPS

Lighting



MasterColor CDM PAR38

MasterColor CDM70/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.

Product data

General Information		Operating and Electrical	
Cap-Base	E26 [Single Contact Medium Screw]	Power (Rated) (Nom)	70 W
Operating Position	Universal [Universal]	Lamp Current (EM) (Nom)	0.8 A
Life To 50% Failures (Nom)	16000 h	Ignition Supply Voltage (Min)	235 V
ANSI Code HID	C98/O	Re-Ignition Time (Min) (Max)	8 min
		Ignition Time (Max)	10 s
Light Technical		Voltage (Max)	120 V
Beam Angle (Max)	31 °	Voltage (Min)	92 V
Beam Angle (Min)	19	Voltage (Nom)	102 V
Color Code	940 [CCT of 4000K]	Controls and Dimming	
Beam Angle (Nom)	25 °	Dimmable	No
Luminous Flux (Rated) (Nom)	4600 lm	Run-Up Time 90% (Max)	2 min
Luminous Intensity (Nom)	15000 cd	Mechanical and Housing	
Beam Description	Flood [Flood]	Bulb Finish	Clear (CL)
Color Designation	Cool White (CW)	Luminaire Design Requirements	
Chromaticity Coordinate X (Nom)	0.370	Bulb Temperature (Max)	350 °C
Chromaticity Coordinate Y (Nom)	0.372	Cap-Base Temperature (Max)	190 °C
Correlated Color Temperature (Nom)	4200 K		
Color Rendering Index (Nom)	90		

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Product Data

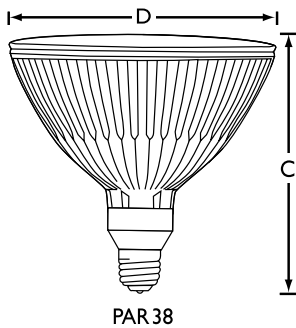
Order product name	MasterColor CDM70/PAR38/FL/4K ALTO ELITE 12PK
EAN/UPC - Product	046677456498
Order code	456491
Numerator - Quantity Per Pack	1

Numerator - Packs per outer box	12
Material Nr. (12NC)	928493830901
Net Weight (Piece)	0.307 kg

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



CDM 70W/940 E26 PAR38 FL 25D ALTO Elite

Product	D	D	C
MasterColor CDM 70/PAR38/FL/4K ALTO ELITE 12PK	4.76 in	121.0 mm	134.0 mm

