



High efficiency with a crisp, sparkling light

MasterColor CDM PAR38

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.

Benefits

- Philips MC PAR38 lamps deliver improved lumen maintenance over standard metal halide PAR lamps.
- Philips MC PAR38 lamps reduce lighting cost of ownership – they are an energy efficient alternative to incandescent or halogen PAR lamps.

Features

- Superior color stability— within $\pm 200\text{K}$.
- Lamp to lamp color consistency over life higher lumen maintenance.
- Improved lumen maintenance over standard metal halide.
- Feature ALTO lamp technology with reduced mercury.
- Operate on existing ballasts.
- Lamps feature integrated UV blocking medium for reduced fading of fabrics and paintings.
- 70 and 100 watt flood and spot, 3000, and 4000K versions

Application

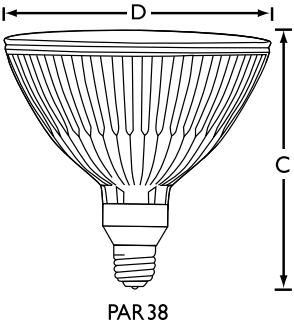
- Ideal for retail accent and display lighting and architectural lighting for interior and exterior applications.

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)

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Dimensional drawing



Product	D	D	C (max)
CDM100/PAR38/FL/3K ALTO ELITE 12PK	4.76 inch	121.0 mm	134.0 mm
CDM100/PAR38/FL/4K ALTO ELITE 12PK	4.76 inch	121.0 mm	134.0 mm
CDM70/PAR38/FL/3K ALTO ELITE 12PK	4.76 inch	121.0 mm	134.0 mm

General Information	
Cap-Base	E26
Operating Position	UNIVERSAL
Light Technical	
Beam Angle (Nom)	25 degree(s)
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	PAR38

Light Technical

Order Code	Full Product Name	Chromaticity	Chromaticity	Correlated Color		Color rendering index (CRI)	Luminous Intensity (Nom)
		Coordinate X (Nom)	Coordinate Y (Nom)	Color Designation	Temperature (Nom)		
928493630901	CDM70/PAR38/FL/3K ALTO ELITE 12PK	0.430	0.403	Warm White (WW)	3000 K	87	15,000 cd
928494030901	CDM100/PAR38/FL/3K ALTO ELITE 12PK	0.430	0.402	Warm White (WW)	3000 K	92	20,000 cd
928494230901	CDM100/PAR38/FL/4K ALTO ELITE 12PK	0.380	0.375	Cool White (CW)	4200 K	92	20,000 cd

Operating and Electrical

Order Code	Full Product Name	Voltage (Nom)	Power Consumption
928493630901	CDM70/PAR38/FL/3K ALTO ELITE 12PK	95 V	70 W
928494030901	CDM100/PAR38/FL/3K ALTO ELITE 12PK	90 V	100 W

Order Code	Full Product Name	Voltage (Nom)	Power Consumption
928494230901	CDM100/PAR38/FL/4K ALTO ELITE 12PK	102 V	95.0 W

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