

PHILIPS

Lighting



MasterColor CDM PAR30L

MasterColor CDM70 PAR30L/M/FL/4K (942)

Philips MasterColor® Ceramic Metal Halide PAR30L Lamps offer high-efficiency, ceramic metal halide reflector lamps with a stable color over lifetime and a crisp, sparkling light.

Product data

General Information	
Cap-Base	E26 [Single Contact Medium Screw]
Operating Position	Universal [Universal]
Main Application	General Lighting (G)
Life to 50% Failures (Nom)	9000 h
ANSI Code HID	M139/O
Features	FADEBLOCKTM [FadeBlock™]
Footnotes HID 1	Operate only on thermally protected ballasts. (397)

Light Technical	
Color Code	942 [CCT of 4200K]
Beam Angle (Nom)	40 °
Luminous Flux (Rated) (Nom)	4300 lm
Luminous Intensity (Nom)	9000 cd
Beam Description	Flood [Flood]
Color Designation	Cool White (CW)
Lumen Maintenance 5000 h (Nom)	65 %
Design Mean Lumens	3010 lm
Chromaticity Coordinate X (Nom)	0.371
Chromaticity Coordinate Y (Nom)	0.366

Correlated Color Temperature (Nom)	4200 K
Luminous Efficacy (rated) (Nom)	61.4 lm/W
Color Rendering Index (Min)	89
Color Rendering Index (Nom)	94

Operating and Electrical	
Power (Rated) (Nom)	73 W
Lamp Current (Nom)	0.83 A
Ignition Supply Voltage (Max)	198 V
Re-Ignition Time (Min) (Max)	10 min
Ignition Time (Max)	30 s
Voltage (Max)	100 V
Voltage (Min)	75 V
Voltage (Nom)	88 V

Mechanical and Housing	
Bulb Finish	Reflector
Cap-Base Information	Nic/Brass
Bulb Material	Hard Glass

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UV	
Pet (Niosh) (Nom)	100 h.klx
Damage Factor D/fc (Nom)	0.40

Luminaire Design Requirements	
Bulb Temperature (Max)	300 °C
Cap-Base Temperature (Max)	200 °C

Product Data	
Order product name	MasterColor CDM70 PAR30L/M/FL/4K (942)

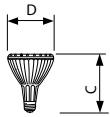
EAN/UPC - Product	046677151430
Order code	151431
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	928601158601
Net Weight (Piece)	0.001 kg

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)
- Lamp contains mercury. Manage in Accord with Disposal Laws. See: www.lamprecycle.org or 1-800-555-0050

Dimensional drawing

Product	D	C (max)
MasterColor CDM 0 PAR30L/M/FL/4K (942)	3.82 in	4.750 in



CDM 70W/942 E26 PAR30L FL 40D U FB

