



MasterColor CDM PAR30L

MasterColor CDM 70W/942 Med PAR30L FL 1CT

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 Characteristics

Base	Medium [Single Contact Medium Screw]
Base Information	Nic/Brass [Nickel/Brass Base]
Bulb	PAR30L [PAR 3.75 inch/95mm Long]
Bulb Material	Hard Glass
Bulb Finish	Reflector
Operating Position	Universal [Any or Universal (U)]
Main Application	General Lighting
RatedAvgLife(See Family Notes)	9000 hr

• Light Technical Characteristics

Beam Description	Flood [Flood]
Beam Angle	40 D
Approx. MBCP	9000 cd
Color Code	942 [CCT of 4200K]
Color Rendering Index	89 (min), 94 (nom) Ra8
Color Designation	Cool White
Color Temperature	4200 K
Color Temperature technical	4200 K
Initial Lumens	4300 Lm
Luminous Efficacy Lamp	61.4 Lm/W
Lumen Maintenance 5000h	65 %
Design Mean Lumens	3010 Lm
Chromaticity Coordinate X	0.371 -
Chromaticity Coordinate Y	0.366 -

• Electrical Characteristics

Watts	70 W
Lamp Wattage Technical	73 W
Lamp Voltage	88 V
Lamp Current	0.83 A
Ignition Time	30 (max) s
Re-ignition Time [min]	10 (max) min

• UV-related Characteristics

PET (NIOSH)	100 h.klx
Damage Factor D/fc	0.40 -

• Luminaire Design Requirements

Cap-Base Temperature	200 (max) C
Bulb Temperature	300 (max) C

• Product Dimensions

Max Overall Length (MOL) - C	4.750 (max) in
Diameter D	3.82 in

• Footnotes

Footnotes HID	397 [Operate only on thermally protected ballasts. (397)]
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• Product Data

Product number	151431
Full product name	MasterColor CDM 70W/942 Med PAR30L FL 1CT

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MasterColor CDM PAR30L

Short product name	CDM70 PAR30L/M/FL/4K (942)
Pieces per Sku	1
eop_pck_cfg	6
Skus/Case	6

Bar code on pack	46677151430
Bar code on case	50046677151435
Logistics code(s)	928601158601
eop_net_weight_pp	0.001 kg

Warnings and Safety

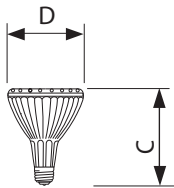
- R "WARNING: These lamps can cause serious skin burn and eye inflammation from short wave ultraviolet radiation if outer envelope of the lamp is broken or punctured. Do not use where people will

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)

Dimensional drawing

MasterColor CDM 70W/942 Med PAR30L FL 1CT

Product	C (Max)	D (Norm)
CDM 70W/942 E26 PAR30L FL 40D U FB	4.750	3.82



E26



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2014, February 1
data subject to change