



MasterColor® CDM PAR30L

MasterColor CDM 35W/830 Med PAR30L SP 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	Spot
Beam Angle	10 D
Approx. MBCP	44000 cd
Color Code	830 [CCT of 3000K]
Color Rendering Index	75 (min), 81 (nom) Ra8
Color Temperature	3000 K
Color Temperature technical	3000 K
Chromaticity Coordinate X	431 -
Chromaticity Coordinate Y	400 -
Initial Lumens	2200 Lm
Luminous Efficacy Lamp	62.9 Lm/W
Lumen Maintenance 2000h	70 %
Lumen Maintenance 5000h	55 %
Design Mean Lumens	1600 Lm

• Electrical Characteristics

Watts	35 W
Lamp Wattage Technical	38 W
Lamp Voltage	88 V
Lamp Current	0.525 A
Ignition Time	30 (max) s
Re-ignition Time [min]	15 (max) min

• Environmental Characteristics

Mercury (Hg) Content	2.84 (max) mg
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• UV-related Characteristics

PET (NIOSH)	100 h.klx
Damage Factor D/fc	0.20 -

• 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	3.740 in

• Footnotes

Footnotes HID	397 [Operate only on thermally protected ballasts. (397)]
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sense and simplicity

• Product Data

Product number	223297
Full product name	MasterColor CDM 35W/830 Med PAR30L SP 1CT
Short product name	CDM 35W/830 Med PAR30L SP 1CT

Pieces per Sku	1
eop_pck_cfg	6
Skus/Case	6
Bar code on pack	46677223298
Bar code on case	50046677223293
Logistics code(s)	928601133601
eop_net_weight_pp	0.001 kg

Warnings and Safety

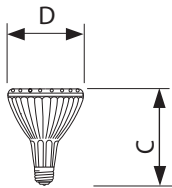
- R "WARNING: These lamps can cause serious skin burn and eye inflammation from short wave ultraviolet radiation if outer envelope of the lamp is broken or punctured. Do not use where people will

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

E26, PAR30L

Product	C (Max)	D (Norm)
CDM 35W/830 E26 PAR30L SP 10D U FB	4.750	3.740



E26



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data subject to change