



MasterColor CDM-R Elite

MASTERColor CDM-R Elite 35W/930 E26/24 PAR20 10D

The Elite family is at the very top of the MasterColor CDM range, and gives a unique combination of unbeatable light quality and consistent performance over lifetime, while keeping running costs low. MasterColor metal halide lamps deliver consistent white light and higher color rendering than any standard metal halide source for architectural lighting. MasterColor CDM Elite PAR30L lamps deliver similar performance as the MasterColor Elite family lamps in the familiar PAR30L shape.

Product data

General Information			
Cap-Base	E26 [Single Contact Medium Screw]	Lumen Maintenance 12000 h (Nom)	82 %
Operating Position	Universal [Universal]	Lumen Maintenance 2000 h (Nom)	94 %
Life to 5% Failures (Nom)	9000 h	Lumen Maintenance 4000 h (Nom)	90 %
Life to 10% Failures (Nom)	10000 h	Design Mean Lumens	2040 lm
Life to 20% Failures (Nom)	12000 h	Chromaticity Coordinate X (Nom)	0.437
Life to 50% Failures (Nom)	15000 h	Chromaticity Coordinate Y (Nom)	0.400
ANSI Code HID	C130/E	Correlated Color Temperature (Nom)	3000 K
Switching Cycle	1350X	Luminous Efficacy (rated) (Nom)	61 lm/W
Light Technical		Color Rendering Index (Min)	88
Color Code	930 [CCT of 3000K]	Color Rendering Index (Nom)	91
Beam Angle (Nom)	10 °	LLMF At End Of Nominal Lifetime (Nom)	80 %
Beam Angle Technical (Nom)	12 °	Luminous Flux in 90° Cone (Rated)	2100 lm
Luminous Intensity (Nom)	26000 cd	Operating and Electrical	
Beam Description	Spot	Power (Rated) (Nom)	39.0 W
Color Designation	Warm White (WW)	Ignition Supply Voltage (Min)	198 V
		Re-Ignition Time (Min) (Max)	15 min

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Warm Up Time to 60% Light (Nom)	120 s
Ignition Time (Max)	30 s
Voltage (Max)	96 V
Voltage (Min)	80 V
Voltage (Nom)	88 V

Controls and Dimming

Dimmable	No
Run-Up Time 90% (Max)	3 min

Mechanical and Housing

Bulb Finish	Clear (CL)
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Approval and Application

Energy Efficiency Label (EEL)	-
Mercury (Hg) Content (Nom)	4.7 mg
Energy Consumption kWh/1000 h	43 kWh

Luminaire Design Requirements

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

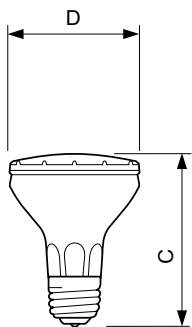
Product Data

Order product name	MASTERColor CDM-R Elite 35W/930 E26 PAR20
	10D
EAN/UPC - Product	046677434182
Order code	434183
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928050000615
Net Weight (Piece)	0.112 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

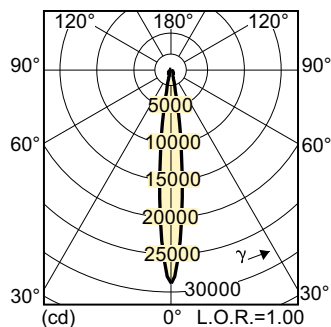


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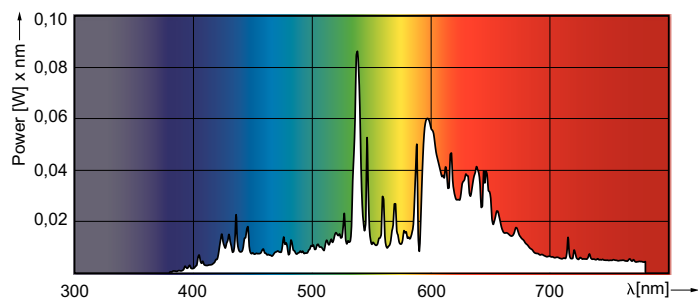
Product	D (max)	C (max)
MASTERColor CDM-R Elite 35W/930 E26 PAR20 10D	65 mm	95 mm

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Photometric data

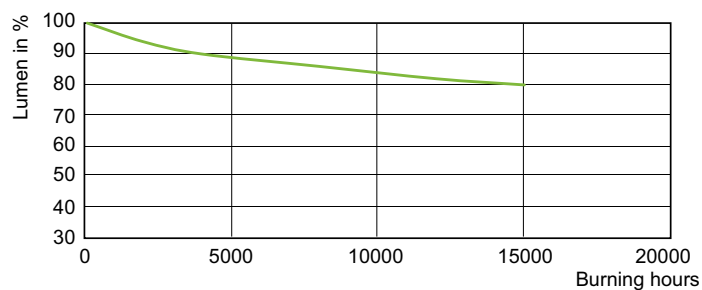


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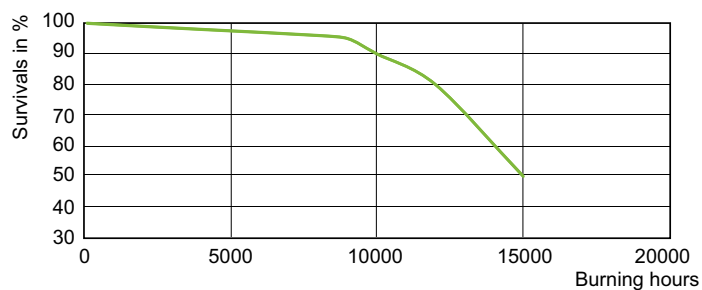


CDM-R Elite 35W /930 PAR20 E27

Lifetime



CDM-R Elite 35W Lumen Maintenance /930 PAR20



CDM-R Elite 35W Life Expectancy /930 PAR20

