



MasterColor CDM-R Elite

MASTERColor CDM-R Elite 35W/930 E26/24 PAR20 30D

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.

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

Product data

General Information Base E26 [Single Contact Medium Screw] Operating Position Universal [Universal] Life to 5% Failures (Nom) 9000 h Life To 10% Failures (Nom) 10000 h		
Operating Position Universal [Universal] Life to 5% Failures (Nom) 9000 h		
Life to 5% Failures (Nom) 9000 h	E26 [Single Contact Medium Screw]	
	Universal [Universal]	
Life To 10% Failures (Nom) 10000 h		
Life to 20% Failures (Nom) 12000 h		
Life to 50% Failures (Nom) 15000 h		
ANSI Code HID C130/E		
Switching Cycle 1350X		

Light Technical	
Color Code	930 [CCT of 3000K]
Beam Angle (Nom)	30 °
Beam Angle Technical (Nom)	28.5 °
Luminous Intensity (Nom)	5800 cd
Beam Description	Flood [Flood]
Color Designation	Warm White (WW)
Lumen Maintenance 12000 h (Nom)	82 %
Lumen Maintenance 2000 h (Nom)	94 %
Lumen Maintenance 4000 h (Nom)	90 %

Datasheet, 2021, January 5 data subject to change

MasterColor CDM-R Elite

Design Mean Lumens	2040 lm
Chromaticity Coordinate X (Nom)	0.437
Chromaticity Coordinate Y (Nom)	0.400
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	61 lm/W
Color Rendering Index (Min)	88
Color Rendering Index (Nom)	91
LLMF At End Of Nominal Lifetime (Nom	n) 80 %
Luminous Flux in 90° Cone (Rated)	2100 lm
Operating and Electrical	
Power (Rated) (Nom)	39 W
Ignition Supply Voltage (Min)	198 V
Re-Ignition Time (Min) (Max)	15 min
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	
Approval and Application		
Energy Efficiency Label (EEL)	Not applicable	
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 30D	
EAN/UPC - Product	046677434199	
Order code	434191	
Numerator - Quantity Per Pack	1	
Numerator - Packs per outer box	12	
Material Nr. (12NC)	928050100615	
Net Weight (Piece)	0.112 kg	

Dimensional drawing

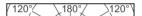
. D .

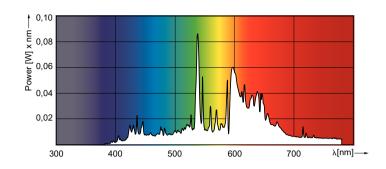
Product	D (max)	C (max)
MASTERColor CDM-R Elite 35W/930 E26 PAR20 30D	65 mm	95 mm

CDM-R Elite 35W/930 E26 PAR20 30D

MasterColor CDM-R Elite

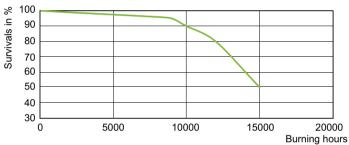
Photometric data





Lifetime







© 2021 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.