



# MasterColor CDM Elite MW Mogul Base

MasterColor CDM Elite CDM 315/U/O/4K ED37 6PK

Philips MasterColor CDM Elite MW Mogul Base Lamps. A high-performing protected “O” rated ceramic lamp is now available in familiar bulb shapes, without sacrificing lamp performance.

## Product data

### • General Information

Cap-Base	EX39 [ EX39 Exclusionary Mogul Screw]
Bulb Shape	ED-37
Operating Position	UNIVERSAL [ Any or Universal (U)]
Life To 50% Failures (Nom)	30000 h
ANSI Code HID Features	C182/O Protected

### • Light Technical

Color Code	942 [ CCT of 4200K]
Luminous Flux (Rated) (Min)	31200 lm
Luminous Flux (Rated) (Nom)	34300 lm
Color Designation	Cool White (CW)
Lumen Maintenance 2000 h (Nom)	93 %
Lumen Maintenance 5000 h (Nom)	87 %
Saturated Red	90
Photosynthetic Photon Flux (PPF)	1.82 $\mu\text{mol/s}$
Design Mean Lumens	30780 lm
Chromaticity Coordinate X (Nom)	0.378
Chromaticity Coordinate Y (Nom)	0.385
Correlated Color Temperature (Nom)	3950 K
Luminous Efficacy (rated) (Min)	99 lm/W
Luminous Efficacy (rated) (Nom)	109 lm/W

Color Rendering Index (Min)	89
Color Rendering Index (Nom)	92

### • Operating and Electrical

Power (Rated) (Nom)	315.0 W
Lamp Current Run-Up (Nom)	4.15 A
Ignition Supply Voltage (Max)	4000 V
Ignition Peak Voltage (Max)	161 V
Ignition Supply Voltage (Min)	3000 V
Re-Ignition Time (Min) (Max)	15 min
Ignition Time (Max)	3 s
Voltage (Max)	115 V
Voltage (Min)	90 V
Voltage (Nom)	100 V

### • Controls and Dimming

Run-Up Time 90% (Max)	3 min
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### • Mechanical and Housing

Bulb Finish	Clear
Overall Length (Max)	11.3 in

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## • Approval and Application

Picogram Per Lumen Hour	39 pg/lm.h
Mercury (Hg) Content (Max)	24 mg
Mercury (Hg) Content (Nom)	23.4 mg

## • UV

Pet (Niosh) (Nom)	146 h/500lx
Damage Factor D/fc (Nom)	0.37

## • Luminaire Design Requirements

Bulb Temperature (Max)	400 °C
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Cap-Base Temperature (Nom) 210 °C

## • Product Data

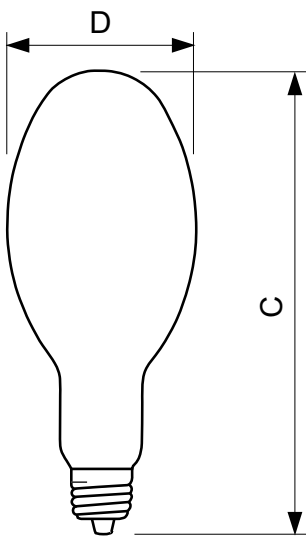
Order product name	MasterColor CDM Elite CDM 315/U/O/4K ED37 6PK
EAN/UPC - Product	046677427047
Order code	928601175506
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	928601175506
Net Weight (Piece)	0.001 kg

## 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)

## Dimensional drawing

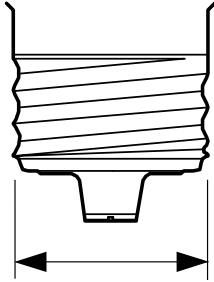
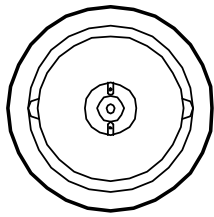


EX39 ED37

## CDM-MW 315W/942 EX39 ED37 CL U P

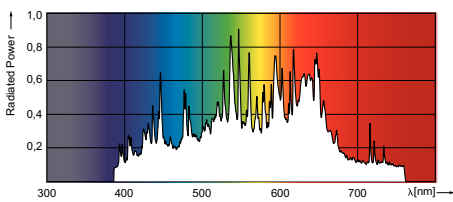
Product	D	D	L	L	L	C
MasterColor CDM Elite CDM 315/U/O/4K ED37 6PK	4.625 in	118 mm	174 mm	182 mm	178 mm	288 mm

Dimensional drawing



Ø 39

Photometric data



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data subject to change