



MasterColor CDM-T T6 Elite

MC CDM-T Elite 20W830 G12 T6 CL 1CT/12

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.

Product data

General Information	
Cap-Base	G12 [G12]
Operating Position	Universal [Universal]
Life to 5% Failures (Nom)	12000 h
Life to 10% Failures (Nom)	14000 h
Life to 20% Failures (Nom)	16000 h
Life to 50% Failures (Nom)	20000 h
ANSI Code HID	C156/E
Light Technical	
Color Code	830 [CCT of 3000K]
Luminous Flux (Rated) (Min)	1620 lm
Luminous Flux (Rated) (Nom)	1800 lm
Color Designation	Warm White (WW)
Lumen Maintenance 12000 h (Nom)	77 %
Lumen Maintenance 10000 h (Nom)	78 %
Lumen Maintenance 2000 h (Nom)	87 %
Lumen Maintenance 5000 h (Nom)	83 %
Chromaticity Coordinate X (Nom)	0.434
Chromaticity Coordinate Y (Nom)	0.391

Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	90 lm/W
Color Rendering Index (Nom)	84
Operating and Electrical	
Power (Rated) (Min)	20.0 W
Power (Rated) (Nom)	20.0 W
Lamp Current Run-Up (Max)	0.5 A
Re-Ignition Time (Min) (Max)	15 min
Ignition Time (Max)	30 s
Voltage (Max)	100 V
Voltage (Min)	90 V
Voltage (Nom)	95 V
Controls and Dimming	
Dimmable	No
Run-Up Time 90% (Max)	3 min

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Mechanical and Housing

Bulb Finish Clear (CL)

Approval and Application

Energy Efficiency Label (EEL) A+

Mercury (Hg) Content (Nom) 3.5 mg

Energy Consumption kWh/1000 h 22 kWh

UV

Pet (Niosh) (Min) 8 h/500lx

Damage Factor D/fc (Max) 0.4

Luminaire Design Requirements

Bulb Temperature (Max) 250 °C

Product Data

Order product name MC CDM-T Elite 20W830 G12 T6 CL 1CT/12

EAN/UPC - Product 046677410476

Order code 410472

Numerator - Quantity Per Pack 1

Numerator - Packs per outer box 12

Material Nr. (12NC) 928183305115

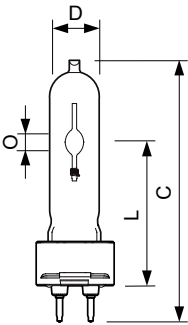
Net Weight (Piece) 0.027 kg

ILCOS Code MT/UB-20/830-H-G12-20/90

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

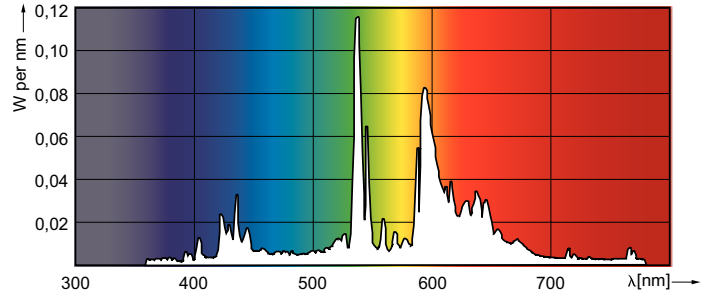
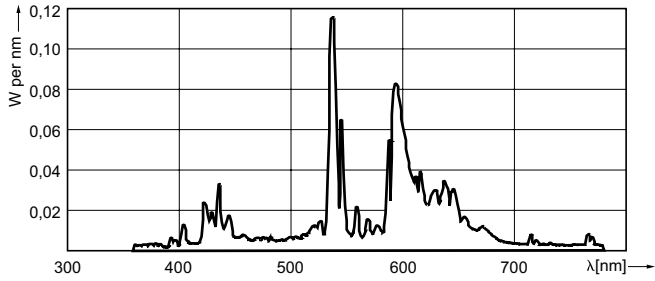


CDM-T Elite 20W/830 G12

Product	D (max)	D O	L (min)	L (max)	L	C (max)
MC CDM-T Elite 20W830 G12 T6 CL 1CT/12	20 mm	4 mm	55 mm	57 mm	56 mm	103 mm

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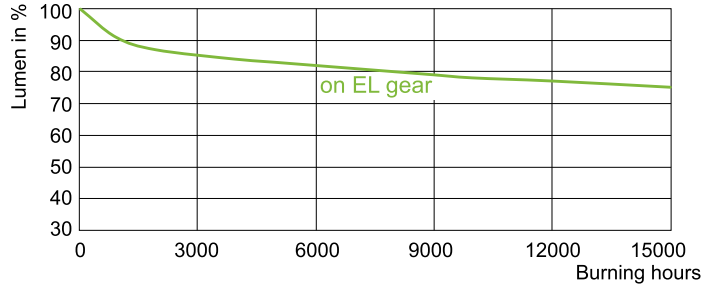
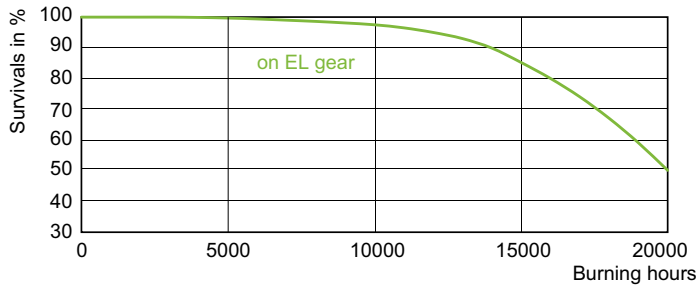
Photometric data



MASTERColour CDM-T 20W /830

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Lifetime



CDM-T Elite 35W, 50W, 70W, 100W Life Expectancy /930

CDM-T 20W Lumen Maintenance /830

