MasterColor CDM-T T6 Elite

CDM-T 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)	9000 h
Life To 10% Failures (Nom)	10000 h
Life To 20% Failures (Nom)	12000 h
Life To 50% Failures (Nom)	15000 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

- 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

PHILIPS

MasterColor CDM-T T6 Elite

- UV

Pet (Niosh) (Min)	8 h/500lx
Damage Factor D/fc (Max)	0.4

- Luminaire Design Requirements

Bulb Temperature (Max)	250 °C

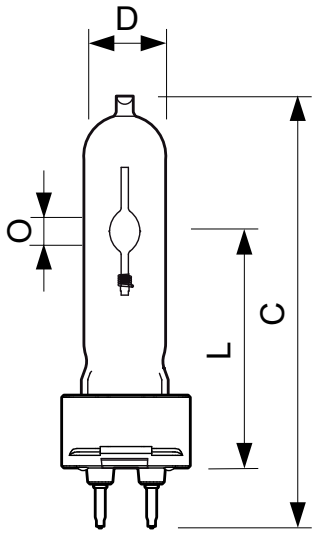
- Product Data

Order product name	CDM-T 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)

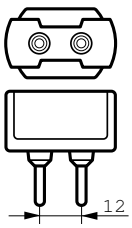
Dimensional drawing



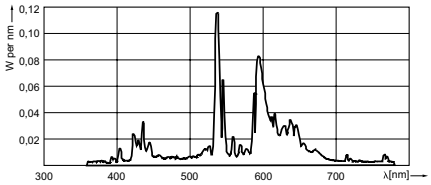
CDM-T, 20W, /830, G12

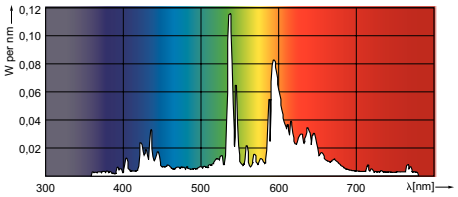
CDM-T 20W/830 G12

Product	D	D	O	L	L	L	C
CDM-T 20W830 G12 T6 CL 1CT/12	20 mm	0.75 in	4 mm	55 mm	57 mm	56 mm	103 mm



Photometric data





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