

MASTERCcolour CDM-T

MASTERCcolour CDM-T 150W/830 G12 1CT

Range of single-ended, compact, high-efficiency, discharge lamps with a stable color over lifetime and a crisp, sparkling light



Product data

• General Characteristics

Cap-Base	G12
Bulb	T19 [T 19mm]
Bulb Finish	Clear
Operating Position	any [Any or Universal (U)]
Life to 5% failures EM	9000 hr
Life to 5% failures EL	9000 hr
Life to 10% failures EM	10000 hr
Life to 10% failures EL	10000 hr
Life to 20% failures EM	11000 hr
Life to 20% failures EL	11000 hr
Life to 50% failures EM	12000 hr
Life to 50% failures EL	12000 hr

• Light Technical Characteristics

Color Code	830 [CCT of 3000K]
Color Rendering Index	88 Ra8
Color Designation (text)	Warm White
Color Temperature	3000 K
Color Temperature Technical	2950 K
Luminous Flux Lamp EM	14000 Lm
Luminous Flux Lamp EL	14000 Lm
Luminous Efficacy Lamp EM	95 Lm/W

Luminous Efficacy Lamp EL	95 Lm/W
Lumen Maintenance EM 2000h	75 %
Lumen Maintenance EL 2000h	75 %
Lumen Maintenance EM 5000h	65 %
Lumen Maintenance EL 5000h	70 %
Lumen Maintenance EM 10000h	50 %
Lumen Maintenance EL 10000h	60 %
Design Mean Lumens EL	9600 Lm
Design Mean Lumens EM	8900 Lm
Chromaticity Coordinate X	0.436 -
Chromaticity Coordinate Y	0.396 -

• Electrical Characteristics

System Power EM	165 W
System Power EL	167 W
Lamp Wattage	150 W
Lamp Wattage EM	147.0 W
Lamp Wattage EL	150 W
Lamp Voltage	96 V
Lamp Current EM	1.8 A
Lamp Current EL	1.62 A
Ignition Time	30 (max) s
Run-up time 90%	3 (max) min
Ignition Peak Voltage	3500 (min) V

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sense and simplicity

MASTERColour CDM-T

Re-ignition Time 15 (max) min
[min]
Dimmable No

• Environmental Characteristics

Mercury (Hg) Content 14.25 mg

• UV-related Characteristics

PET (NIOSH) 110 h.klx
Damage Factor D/fc 0.19 -

• Luminaire Design Requirements

Cap-Base Temperature 280 (max) C
Pinch Temperature 350 (max) C
Bulb Temperature 650 (max) C

• Product Dimensions

Reference Length A 96 (max) mm
Overall Length C 110 (max) mm
Diameter D 20 (max) mm
Light Center Length L 55 (min), 56 (nom), 57 (max) mm

Arc Length O 9 mm
Light Center Length L [inch] 2.21875 in
Overall Length C [inch] 4.34375 (max) in
Diameter D [inch] 0.75 in

• Product Data

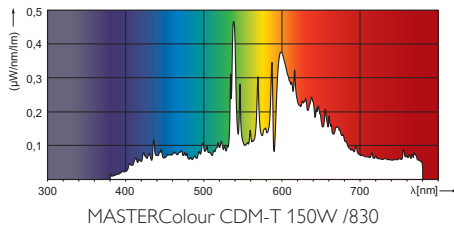
Order code 928083705125
Full product code 928083705125
Full product name MASTERColour CDM-T 150W/830 G12 1CT
Order product name MASTERC CDM-T 150W/830 G12 1CT
Pieces per pack 1
Packing configuration 12
Packs per outerbox 12
Bar code on pack - EAN1 8711500197801
Bar code on outerbox - EAN3 8711500197818
Logistic code(s) - 12NC 928083705125
ILCOS code MT-150/30/1B-H-G12
Net weight per piece 0.033 kg

Warnings and Safety

- Use only in totally enclosed luminaire, even during testing (IEC61167, IEC 62035, IEC60598)
- The luminaire must be able to contain hot lamp parts if the lamp ruptures

- Control gear must include end-of-life protection (IEC61167, IEC 62035)
- Lamps may use electronic or electromagnetic control gear, except 35W/942 and 20W lamps, which must use electronic control gear.

Photometric data





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data subject to change