



MasterColor CDM-T T6 Elite

MasterColor CDM-T Elite 100W/930 T6 1CT

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 Characteristics

Base	G12
Bulb	T6 [Diameter: 6/8 inch /19mm]
Bulb Finish	Clear
Operating Position	Universal [Any or Universal (U)]
Life to 5% failures EL	8000 hr
Life to 10% failures EL	10000 hr
Life to 20% failures EL	12000 hr
Avg. Hrs. Life	15000 hr

• Light Technical Characteristics

Color Code	930 [CCT of 3000K]
Color Rendering Index	88 (min), 91 (nom) Ra8
Color Designation	Warm White
Color Temperature technical	3000 K
Initial Lumens	11000 Lm
Luminous Efficacy Lamp EL	110 Lm/W
Lumen Maintenance EL 2000h	95 %
Lumen Maintenance EL 5000h	88 %
Lumen Maintenance EL 10000h	83 %
Lumen Maintenance EL 12000h	80 %
Design Mean Lumens EL	9700 Lm
Chromaticity Coordinate X	0.432 -

Chromaticity Coordinate Y 0.399 -

• Electrical Characteristics

System Power EL	109 W
Watts	100 W
Lamp Wattage EL	100 W
Lamp Voltage	88 V
Lamp Current EL	1.140 A
Ignition Time	30 (max) s
Run-up time 90%	3 (max) min
Re-ignition Time [min]	15 (max) min
Dimmable	No

• Environmental Characteristics

Mercury (Hg) Content	10.1 mg
----------------------	---------

• UV-related Characteristics

Damage Factor D/fc	0.2 -
--------------------	-------

• Luminaire Design Requirements

Cap-Base Temperature	250 (max) C
Pinch Temperature	350 (max) C
Bulb Temperature	550 (max) C

• Product Dimensions

Reference Length A	96 (max) mm
Overall Length C	110 (max) mm
Diameter D	20 (max) mm

MasterColor CDM-T T6 Elite

Light Center Length L	55 (min), 56 (nom), 57 (max) mm
Arc Length O	8.5 mm
Light Center Length L	2.16 (min), 2.20 (nom), 2.24 (max) in
Max Overall Length (MOL) - C	4.34375 (max) in
Diameter D	0.79 (max) in

• **Product Data**

Product number	408294
----------------	--------

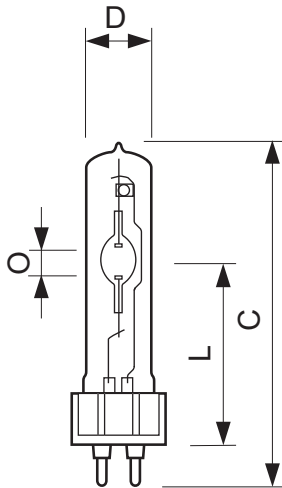
Full product name	MasterColor CDM-T Elite 100W/930 T6 1CT
Short product name	MASTERColor CDM-T Elite 100W/930.1CT/12
Pieces per Sku	1
eop_pck_cfg	12
Skus/Case	12
Bar code on pack	46677408299
Bar code on case	50046677408294
Logistics code(s)	928183205117
tpd_ilcos_cd	MT-100/30/1A-H-G12
eop_net_weight_pp	0.030 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

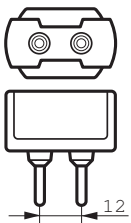
remain for more than a few minutes unless adequate shielding or other safety precautions are used. Certain lamps that will automatically extinguish when the outer envelope is broken or punctured are commercially available." This lamp complies with FDA radiation performance standard 21 CFR subchapter J. (USA:21 CFR 1040.30 Canada: SOR/DORS/80-381)

Dimensional drawing



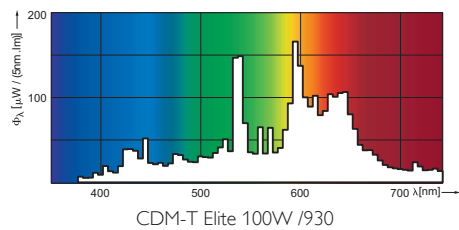
MasterColor CDM-T Elite 100W/930 T6 1CT

Product	C (Max)	D (Max)	L (Min)	L (Norm)	L (Max)	O (Norm)
CDM-T ACCENT 100W/930 G12	110	20	55	56	57	8.5



G12

Photometric data



© 2013 Koninklijke Philips Electronics N.V.
All rights reserved.

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips Electronics N.V. or their respective owners.

www.philips.com/lighting

2013, March 6
data subject to change