



MasterColor® CDM-T T6 Elite

MasterColor CDM-T Elite 35W/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)]
Avg. Hrs. Life	15000 hr
Life to 5% failures EL	9000 hr
Life to 20% failures EL	12000 hr
Life to 10% failures EL	10000 hr

• Light Technical Characteristics

Color Code	930 [CCT of 3000K]
Color Rendering Index	87 (min), 90 (nom) Ra8
Color Designation	Warm White
Color Temperature	3000 K
Color Temperature technical	2970 K
Chromaticity Coordinate X	0.435 -
Chromaticity Coordinate Y	0.395 -
Initial Lumens	3700 Lm
Initial Lumens	4000 Lm
Luminous Efficacy Lamp EM	98 Lm/W
Luminous Efficacy Lamp EL	102 Lm/W
Lumen Maintenance EL 2000h	94 %
Lumen Maintenance EL 5000h	88 %
Lumen Maintenance EL 10000h	83 %

Lumen Maintenance EL 12000h	82 %
Design Mean Lumens EL	3390 Lm

• Electrical Characteristics

System Power EL	43 W
Watts	35 W
Lamp Wattage	38 W
Lamp Wattage EL	39 W
Lamp Voltage	84 V
Lamp Current EM	0.500 A
Lamp Current EL	0.470 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	4.7 mg
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• UV-related Characteristics

Damage Factor D/fc PET (NIOSH)	0.2 (nom), 0.3 (max) - 8 (min), 64 (nom) h500lx
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• Luminaire Design Requirements

Cap-Base Temperature	250 (max) C
Pinch Temperature	350 (max) C
Bulb Temperature	500 (max) C

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sense and simplicity

• Product Dimensions

Reference Length A	90 (max) mm
Overall Length C	103 (max) mm
Diameter D	20 (max) mm
Light Center Length L	55 (min), 56 (nom), 57 (max) mm
Arc Length O	4.8 mm
Light Center Length L	2.16 (min), 2.20 (nom), 2.24 (max) in
Max Overall Length (MOL) - C	4 (max) in
Diameter D	0.79 (max) in

• Product Data

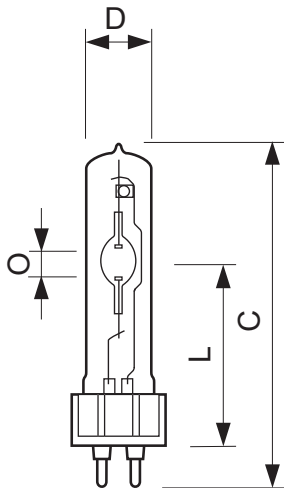
Product number	409144
Full product name	MasterColor CDM-T Elite 35W/930 T6 1CT
Short product name	CDM35/T6/930 ELITE 12PK
Pieces per Sku	1
eop_pck_cfg	12
Skus/Case	12
Bar code on pack	46677409142
Bar code on case	50046677409147
Logistics code(s)	928185205117
eop_net_weight_pp	0.028 kg

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

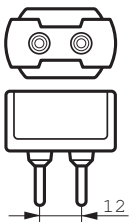
remain for more than a few minutes unless adequate shielding or other safety precautions are used. Certain lamps that will automatically extinguish when the outer envelope is broken or punctured are commercially available." This lamp complies with FDA radiation performance standard 21 CFR subchapter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

Dimensional drawing



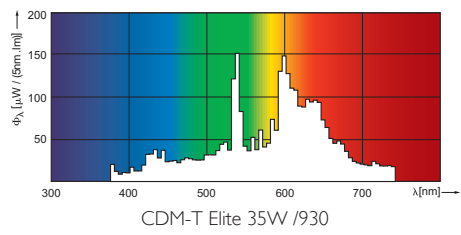
CDM-T Elite 35W - 100W G12

Product	C (Max)	D (Max)	L (Min)	L (Norm)	L (Max)	O (Norm)
CDM-T ACCENT 35W/930 G12	103	20	55	56	57	4.8



G12

Photometric data



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www.philips.com/lighting

2012, August 4
data subject to change