

MasterColor CDM-T T6

MasterColor CDM-T 150W/830 T6 1CT



MasterColor CDM lamp gives a unique combination of unbeatable light quality and consistent performance over lifetime while keeping running costs low. The Philips MasterColor Tubular Single-Ended T6 lamp is a compact, energy efficient, ceramic metal halide lamp that provides crisp, sparkling light.

Product data

• General Characteristics

Base	G12
Bulb	T6 [Diameter: 6/8 inch /19mm]
Bulb Finish	Clear
Operating Position	Universal [Any or Universal (U)]
Avg. Life	12000 hr
Avg. Hrs. Life	12000 hr
Life to 10% failures EM	10000 hr
Life to 5% failures EL	9000 hr
Life to 5% failures EM	9000 hr
Life to 20% failures EL	11000 hr
Life to 20% failures EM	11000 hr
Life to 10% failures EL	10000 hr

• Light Technical Characteristics

Color Code	830 [CCT of 3000K]
Color Rendering Index	88 Ra8
Color Designation	Warm White
Color Temperature	3000 K
Color Temperature technical	2950 K
Chromaticity Coordinate X	0.436 -
Chromaticity Coordinate Y	0.396 -
Initial Lumens	14000 Lm
Initial Lumens	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

• Electrical Characteristics

System Power EM	165 W
System Power EL	167 W
Watts	150 W
Lamp Wattage	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
Re-ignition Time [min]	15 (max) min
Dimmable	No

PHILIPS

sense and simplicity

MasterColor CDM-T T6

• 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 2.21875 in
Max Overall Length (MOL) - C 4.34375 (max) in
Diameter D 0.75 in

• Product Data

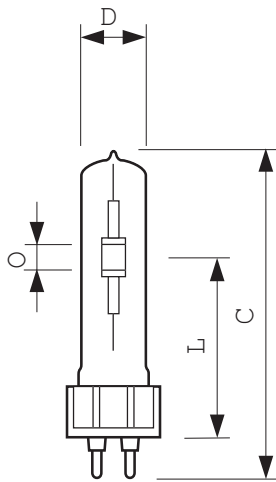
Product number 232728
Full product name MasterColor CDM-T 150W/830 T6 1CT
Short product name CDM150/T6/830 12PK
Pieces per Sku 1
eop_pck_cfg 12
Skus/Case 12
Bar code on pack 46677232726
Bar code on case 50046677232721
Logistics code(s) 928083705116
tpd_ilcos_cd MT-150/30/1B-H-G12
eop_net_weight_pp 0.033 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)

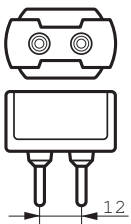
Dimensional drawing



CDM-T

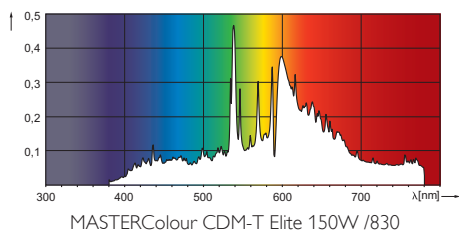
Product	C (Max)	D (Max)	L (Min)	L (Norm)	L (Max)	O (Norm)
CDM-T 150W/830 G12	110	20	55	56	57	9

Dimensional drawing



G12

Photometric data



© 2012 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

2012, August 4
data subject to change