PHILIPS Lighting



MasterColor CDM-T T6

CDM150/T6/830 12PK

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 Information	
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)	11000 h
Life to 50% Failures (Nom)	12000 h
ANSI Code HID	C142/E
Light Technical	
Color Code	830 [CCT of 3000K]
Luminous Flux (Rated) (Min)	11700 lm
Luminous Flux (Rated) (Nom)	13000 lm
Color Designation	Warm White (WW)
Lumen Maintenance 10000 h (Nom)	60 %
Lumen Maintenance 2000 h (Min)	65 %
Lumen Maintenance 2000 h (Nom)	75 %
Lumen Maintenance 5000 h (Min)	60 %
Lumen Maintenance 5000 h (Nom)	70 %
Chromaticity Coordinate X (Nom)	0.436

Chromaticity Coordinate Y (Nom)	0.396
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	88 lm/W
Color Rendering Index (Nom)	88
Operating and Electrical	
Power (Rated) (Nom)	147 W
Lamp Current Run-Up (Max)	2.5 A
Lamp Current (EM) (Nom)	1.8 A
Ignition Supply Voltage (Max)	198 V
Ignition Peak Voltage (Max)	5000 V
Ignition Supply Voltage (Min)	198 V
Ignition Peak Voltage (Min)	3500 V
Re-Ignition Time (Min) (Max)	15 min
Ignition Time (Max)	30 s
Voltage (Max)	106 V
Voltage (Min)	86 V
Voltage (Nom)	96 V

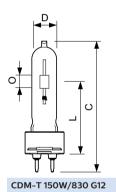
MasterColor CDM-T T6

Controls and Dimming		Lumi
Dimmable	No	Bulb 1
Run-Up Time 90% (Max)	3 min	Cap-E
		Pinch
Mechanical and Housing		
Bulb Finish	Clear	Prod
		Order
Approval and Application		EAN/
Energy Efficiency Label (EEL)	A+	Order
Mercury (Hg) Content (Nom)	14.3 mg	Nume
Energy Consumption kWh/1000 h	162 kWh	Nume
		Mater
UV		Net W
Pet (Niosh) (Min)	8 h/500lx	ILCOS
Damage Factor D/fc (Max)	0.3	

Luminaire Design Requirements		
Bulb Temperature (Max)	650 °C	
Cap-Base Temperature (Max)	280 °C	
Pinch Temperature (Max)	350 ℃	
Product Data		
Order product name	CDM150/T6/830 12PK	
EAN/UPC - Product	046677232726	
Order code	232728	
Numerator - Quantity Per Pack	1	
Numerator - Packs per outer box	12	
Material Nr. (12NC)	928083705115	
Net Weight (Piece)	0.033 kg	
ILCOS Code	MT/UB-150/830-H-G12-21/100	

Warnings and Safety

Dimensional drawing



Photometric data

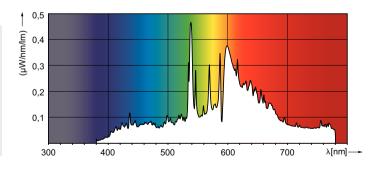
180°

150°

210°

Product

CDM150/T6/830 12PK



LDPO_CDM-T_150W_830-Spectral power distribution Colour

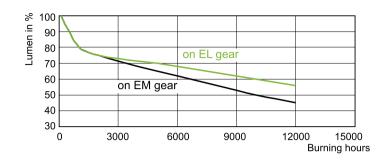
180°

150°

210°

MasterColor CDM-T T6

Lifetime



LDLM_CDM-T_150W_830-Lumen maintenance diagram



© 2019 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.

www.lighting.philips.com 2019, December 11 - data subject to change