



# MasterColor CDM-T T6

# CDM-T 35W/842 T6

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.

## 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)

## **Product data**

General Information		Arc Length O (Nom)	5 mm
Cap-Base	G12 [G12]		
Operating Position	UNIVERSAL [Any or Universal (U)]	Operating and Electrical	
Life to 50% Failures (Nom)	12,000 hour(s)	Power Consumption	35 W
		Voltage (Nom)	85 V
Light Technical		Voltage (Nom)	85 V
Color Code	842 [CCT of 4200K]		
Color Designation	Cool White (CW)	Controls and Dimming	
Chromaticity Coordinate X (Nom)	0.365	Dimmable	No
Chromaticity Coordinate Y (Nom)	0.364		
Correlated Color Temperature (Nom)	4200 K	Mechanical and Housing	
Luminous Efficacy (rated) (Nom)	79 lm/W	Bulb Finish	Clear
Color rendering index (CRI)	84	Bulb Shape	T19 [T 19mm]

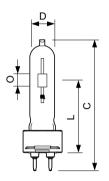
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Approval and Application			
Mercury (Hg) Content (Nom)	2.7 mg		
Energy Consumption kWh/1000 h	41 kWh		
Product Data			

Order product name	CDM-T 35W/842 T6
Full product name	CDM-T 35W/842 T6
Order code	928099805115

Material Nr. (12NC)	928099805115		
Numerator - Quantity Per Pack	1		
EAN/UPC - Product/Case	046677208868		
Numerator - Packs per outer box	12		
EAN/UPC - Case	50046677208863		

#### **Dimensional drawing**



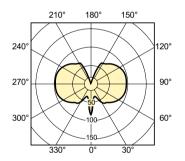
Product	D (max)	D	0	L (min)	L (max)	L	C (max)
CDM-T 35W/842 T6	20 mm	0.75 inch	5 mm	55 mm	57 mm	56 mm	103 mm

#### Photometric data

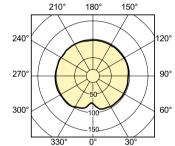
210°

7

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180°

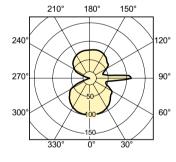


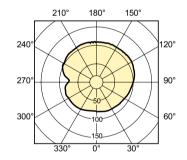
180°

150°

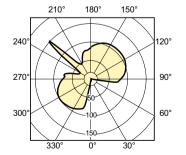
7

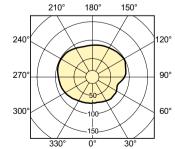
210°





#### Light Distribution Diagram - CDM-T 35W/842 T6





Light Distribution Diagram - CDM-T 35W/842 T6

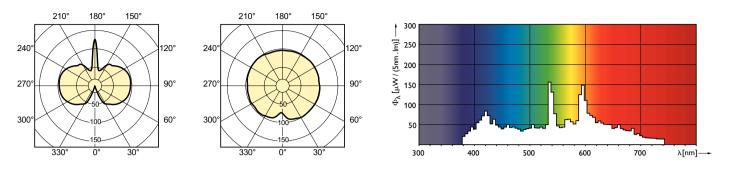
Light Distribution Diagram - CDM-T 35W/842 T6

150°

#### Light Distribution Diagram - CDM-T 35W/842 T6

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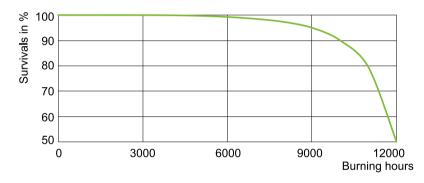
## Photometric data



Light Distribution Diagram - CDM-T 35W/842 T6

Spectral Power Distribution Colour - CDM-T 35W/842 T6

## Lifetime



Life Expectancy Diagram - CDM-T 35W/842 T6



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www.lighting.philips.com 2023, September 4 - data subject to change