



# MASTER CityWhite CDO-TT

## MASTER CityWh CDO-TT Plus 150W/828 E40

Ceramic metal halide lamp with clear tubular outer bulb shape, used in outdoor offering pleasant white light

#### Warnings and Safety

- Use only in totally enclosed luminaire, even during testing (IEC61167, IEC 62035, IEC60598)
- Use only in totally enclosed luminaire, even during testing (IEC61167, IEC 62035, IEC60598)
- $\boldsymbol{\cdot}$  The luminaire must be able to contain hot lamp parts if the lamp ruptures
- The luminaire must be able to contain hot lamp parts if the lamp ruptures
- Lamps may use electromagnetic control gear or electronic gear suitable to drive CDO lamps (e.g. HID-PV Xt CDO)
- Lamps may use electronic or electromagnetic control gear
- Control gear must include end-of-life protection (IEC61167, IEC 62035)
- Control gear must include end-of-life protection (IEC61167, IEC 62035)
- Warm restart time can be up to 15 minutes; T15 ignitors therefore advised
- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

#### **Product data**

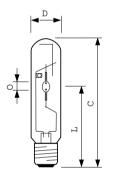
General Information		Colon Destingetion	Marine Malletter (JADAD)
General Information		Color Designation	Warm White (WW)
Cap-Base	E40 [E40]	Chromaticity Coordinate X (Nom)	0.447
Operating Position	UNIVERSAL [Any or Universal (U)]	Chromaticity Coordinate Y (Nom)	0.4
Flux measurement reference	Sphere	Correlated Color Temperature (Nom)	2800 K
Life to 50% Failures (Nom)	27,000 hour(s)	Luminous Efficacy (rated) (Nom)	110 lm/W
		Color rendering index (CRI)	87
Light Technical		Arc Length O (Nom)	10 mm
Color Code	828 [CCT of 2800K]		
Luminous Flux	16,400 lm		

## **MASTER CityWhite CDO-TT**

Operating and Electrical	
Power Consumption	148.5 W
Voltage (Nom)	99 V
Voltage (Nom)	99 V
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	T46 [T 46mm]
Approval and Application	
Energy Efficiency Class	F
Mercury (Hg) Content (Max)	15.8 mg
Mercury (Hg) Content (Nom)	15.8 mg

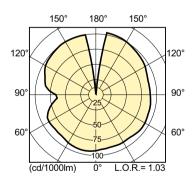
Energy Consumption kWh/1000 h	149 kWh		
EPREL Registration Number	473327		
Product Data			
Order product name	MASTER CityWh CDO-TT Plus 150W/828 E40		
Full product name	MASTER CityWh CDO-TT Plus 150W/828 E40		
Full product code	871829112034600		
Order code	928082219231		
Material Nr. (12NC)	928082219231		
Numerator - Quantity Per Pack	1		
EAN/UPC - Product/Case	8718291120346		
Numerator - Packs per outer box	12		
EAN/UPC - Case	8718291120353		

### **Dimensional drawing**

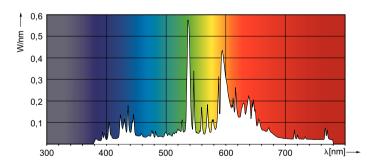


# Product D (max) O L C (max) MASTER CityWh CDO-TT Plus 150W/828 E40 47 mm 10 mm 32 mm 31 mm

### Photometric data



Light Distribution Diagram - MASTER CityWh CDO-TT Plus 150W/828 E40

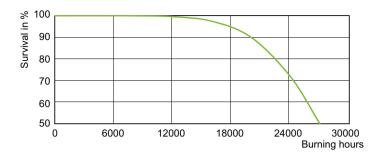


Spectral Power Distribution Colour - MASTER CityWh CDO-TT Plus 150W/828 E40

Datasheet, 2023, April 14

## **MASTER CityWhite CDO-TT**

Lifetime



Life Expectancy Diagram - MASTER CityWh CDO-TT Plus 150W/828 E40

\$° 100 90 80 70 60 50 0 5000 1000 15000 20000 Burning hours

Lumen Maintenance Diagram - MASTER CityWh CDO-TT Plus 150W/828 E40



© 2023 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.