PHILIPS Lighting



F A

MASTER CityWhite CDO-TT

MASTER CityWh CDO-TT Plus 100W/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)
- \cdot 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)
- 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

C 11.6 P				
General Information		Luminous Efficacy (rated) (Nom)	106 lm/W	
Cap-Base	E40	Color rendering index (CRI)	88	
Operating Position	UNIVERSAL [Any or Universal (U)]	Arc Length O (Nom)	8.5 mm	
Flux measurement reference	Sphere			
Life to 50% Failures (Nom)	27,000 hour(s)	Operating and Electrical	Operating and Electrical	
		Power Consumption	99.0 W	
Light Technical		Voltage (Nom)	100 V	
Color Code	828 [CCT of 2800K]	Voltage (Nom)	100 V	
Luminous Flux	10,450 lm			
Color Designation	Warm White (WW)	Controls and Dimming		
Chromaticity Coordinate X (Nom)	0.447	Dimmable	Yes	
Chromaticity Coordinate Y (Nom)	0.4			
Correlated Color Temperature (Nom)	2800 K			

MASTER CityWhite CDO-TT

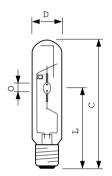
Mechanical and Housing				
Bulb Finish	Clear			
Bulb Shape	T46			
Approval and Application				
Energy Efficiency Class	F			
Mercury (Hg) Content (Max)	12 mg			
Mercury (Hg) Content (Nom)	11.6 mg			
Energy Consumption kWh/1000 h	99 kWh			
EPREL Registration Number	473325			
Product Data				

MASTER CityWh CDO-TT Plus 100W/828 E40

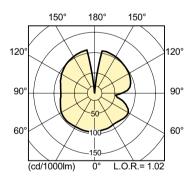
Full product name	MASTER CityWh CDO-TT Plus 100W/828 E40		
Full product code	871829112032200		
Order code	928082119231		
Material Nr. (12NC)	928082119231		
Numerator - Quantity Per Pack	1		
EAN/UPC - Product/Case	8718291120322		
Numerator - Packs per outer box	12		
EAN/UPC - Case	8718291120339		

Dimensional drawing

Order product name

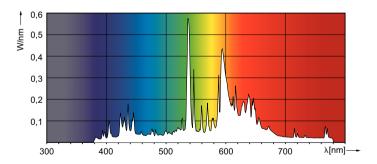


Photometric data



Light Distribution Diagram - MASTER CityWh CDO-TT Plus 100W/828 E40

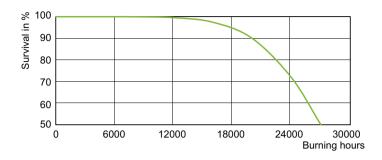
Product	D (max)	0	L	C (max)
MASTER CityWh CDO-TT Plus 100W/828 E40	47 mm	8.5 mm	132 mm	211 mm



Spectral Power Distribution Colour - MASTER CityWh CDO-TT Plus 100W/828 E40

MASTER CityWhite CDO-TT

Lifetime



Life Expectancy Diagram - MASTER CityWh CDO-TT Plus 100W/828 E40

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

Lumen Maintenance Diagram - MASTER CityWh CDO-TT Plus 100W/828 E40



© 2024 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 2024, March 21 - data subject to change