PHILIPS Lighting



F A G

MASTER CityWhite CDO-TT

MASTER CityWhite CDO-TT Plus 50W/828 E27

Ceramic metal halide Outdoor with clear tubular outer bulb

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)
- \cdot 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		Color rendering index (CRI)	84
Cap-Base	E27	Arc Length O (Nom)	5.25 mm
Operating Position	UNIVERSAL [Any or Universal (U)]		
Flux measurement reference	Sphere	Operating and Electrical	
Life to 50% Failures (Nom)	21,000 hour(s)	Power Consumption	53.0 W
		Voltage (Nom)	83 V
Light Technical		Voltage (Nom)	83 V
Color Code	828 [CCT of 2800K]		
Luminous Flux	5,500 lm	Controls and Dimming	
Color Designation	Warm White (WW)	Dimmable	Yes
Chromaticity Coordinate X (Nom)	0.447		
Chromaticity Coordinate Y (Nom)	0.4	Mechanical and Housing	
Correlated Color Temperature (Nom)	2800 K	Bulb Finish	Clear
Luminous Efficacy (rated) (Nom)	104 lm/W		

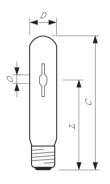
MASTER CityWhite CDO-TT

Bulb Shape	T31
Approval and Application	
Energy Efficiency Class	F
Mercury (Hg) Content (Max)	5.4 mg
Mercury (Hg) Content (Nom)	5.4 mg
Energy Consumption kWh/1000 h	53 kWh
EPREL Registration Number	473330
Product Data	

Full product name	MASTER CityWhite CDO-TT Plus 50W/828 E27		
Full product code	871829118561100		
Order code	18561100		
Material Nr. (12NC)	928082419235		
Numerator - Quantity Per Pack	1		
EAN/UPC - Product/Case	8718291185611		
Numerator - Packs per outer box	12		
EAN/UPC - Case	8718291185628		

Order product name MASTER CityWh CDO-TT Plus 50W/828 B
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Dimensional drawing



MASTER CityWh CDO-TT Plus 50W/828 E27 36 mm 5.25 mm 102 mm 156 mm

D (max) O

C (max)

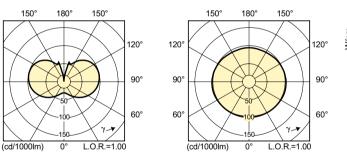
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Photometric data

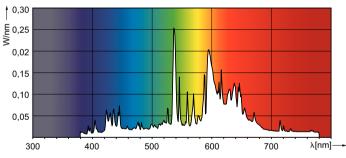
120°

90°

60°



Light Distribution Diagram - MASTER CityWh CDO-TT Plus 50W/828 E27



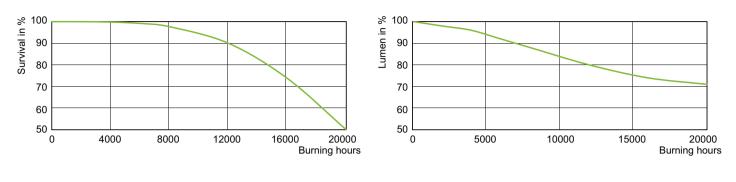
Spectral Power Distribution Colour - MASTER CityWh CDO-TT Plus 50W/828 E27

Product

MASTER CityWhite CDO-TT

Life Expectancy Diagram - MASTER CityWh CDO-TT Plus 50W/828 E27

Lifetime



Lumen Maintenance Diagram - MASTER CityWh CDO-TT Plus 50W/828 E27



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