



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)
- The luminaire must be able to contain hot lamp parts if the lamp ruptures
- Lamps may use electronic or electromagnetic control gear
- Control gear must include end-of-life protection (IEC61167, IEC 62035)

Product data

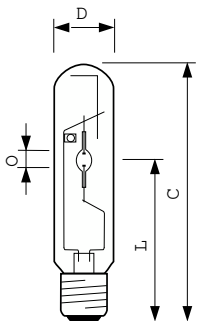
General Information		Operating and Electrical	
Cap base	E40	Power Consumption	99.0 W
Operating position	UNIVERSAL [Any or Universal (U)]	Voltage (nom.)	100 V
Flux measurement reference	Sphere		
Life to 50% failures (nom.)	27,000 h		
Light Technical		Controls and Dimming	
Colour Code	828 [CCT of 2800K]	Dimmable	Yes
Luminous Flux	10,450 lm		
Colour designation	Warm White (WW)		
Chromaticity Coordinate X (Nom)	0.447		
Chromaticity Coordinate Y (Nom)	0.4		
Correlated Colour Temperature (Nom)	2800 K		
Luminous efficacy (rated) (nom.)	106 lm/W		
Colour rendering index (CRI)	88		
Arc Length O (Nom)	8.5 mm		
		Mechanical and Housing	
		Lamp Finish	Clear
		Bulb shape	T46
		Net Weight (Piece)	0.137 kg
		Approval and Application	
		Energy Efficiency Class	F
		Mercury (Hg) content (max.)	12 mg
		Mercury (Hg) content (nom.)	11.6 mg
		Energy consumption kWh/1,000 hours	99 kWh

MASTER CityWhite CDO-TT

EPREL Registration Number	473325
CE mark	Yes
Product Data	
Order product name	MASTER CityWh CDO-TT Plus 100W/828 E40
Full product name	MASTER CityWh CDO-TT Plus 100W/828 E40
Full EOC	871829112032200
Order code	928082119231

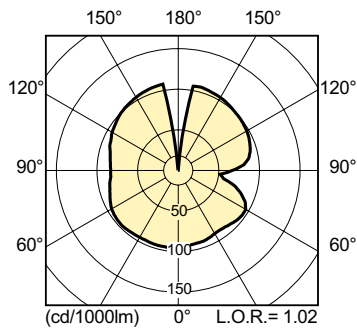
Material no. (12 NC)	928082119231
Local order code	100CDOOTPLUS828
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8718291120322
Numerator – packs per outer box	12
EAN/UPC - Case	8718291120339

Dimensional drawing

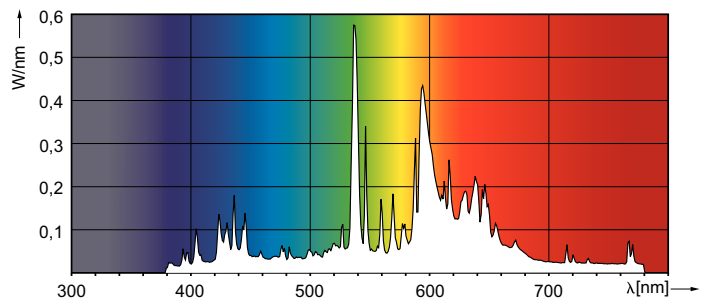


Product	D (max)	O	L	C (max)
MASTER CityWh CDO-TT Plus 100W/828 E40	47 mm	8.5 mm	132 mm	211 mm

Photometric data



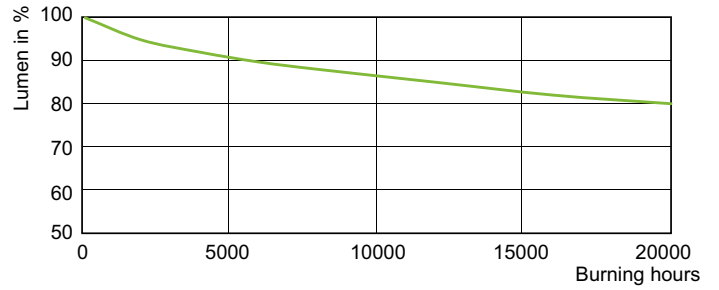
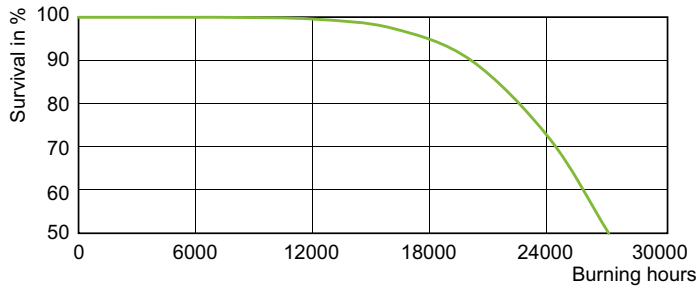
Light Distribution Diagram - MASTER CityWh CDO-TT Plus 100W/828 E40



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

MASTER CityWhite CDO-TT

Lifetime



LDLE_CDO-TT_0002-Life expectancy diagram

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

