

MASTER CityWhite CDO-TT

MASTER CityWhite 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	
Cap base	E40
Operating position	UNIVERSAL [Any or Universal (U)]
Flux measurement reference	Sphere
Life to 50% failures (nom.)	27,000 h

Light Technical	
Colour Code	828 [CCT of 2800K]
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	2800 K
Luminous efficacy (rated) (nom.)	106 lm/W
Colour rendering index (CRI)	88
Arc Length O (Nom)	8.5 mm

Operating and Electrical	
Power Consumption	99.0 W
Voltage (nom.)	100 V
Voltage (nom.)	100 V

Controls and Dimming	
Dimmable	Yes

Mechanical and Housing	
Lamp Finish	Clear
Bulb shape	T46 [T 46 mm]

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

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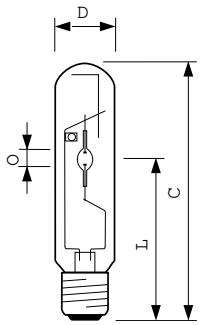
EPREL registration number	473325

Local order code	100CDOTTPLUS828
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718291120322
Numerator – packs per outer box	12
EAN/UPC - Case	8718291120339

Product Data

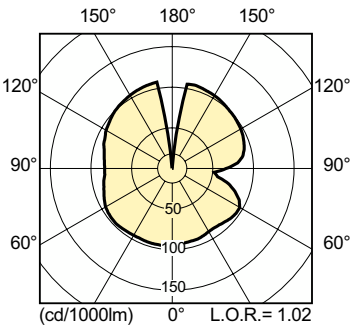
Order product name	MASTER CityWh CDO-TT Plus 100W/828 E40
Full product name	MASTER CityWhite CDO-TT Plus 100W/828 E40
Full EOC	871829112032200
Order code	12032200
Material no. (12 NC)	928082119231

Dimensional drawing

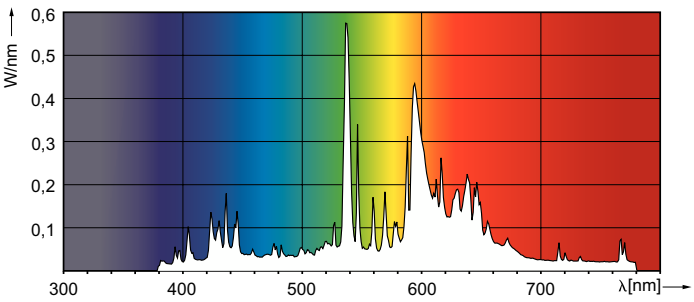


Product	D (max)	O	L	C (max)
MASTER CityWh CDO-TT Plus 100W/828 E40	47 mm	8.5 mm	132 mm	211 mm

Photometric data



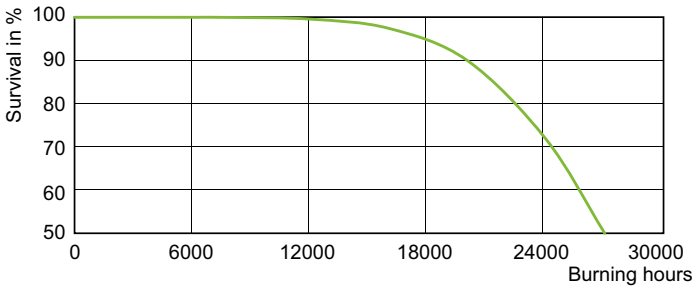
Light Distribution Diagram - MASTER CityWh CDO-TT Plus 100W/828 E40



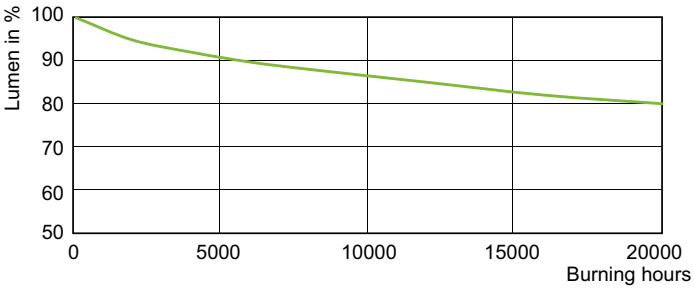
Spectral Power Distribution Colour - MASTER CityWh CDO-TT Plus 100W/828 E40

MASTER CityWhite CDO-TT

Lifetime



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



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

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