PHILIPS

MASTER CityWh CDO-TT Plus 100W/828 E40

928082119231



The easiest switch to comfortable white light



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 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.

General Information

Cap-Base	E40
Operating Position	UNIVERSAL [Any or Universal (U)]
Flux measurement reference	Sphere
Life to 50% Failures (Nom)	27,000 hour(s)

Light Technical

Color Code	828 [CCT of 2800K]
Luminous Flux	10,450 lm
Color Designation	Warm White (WW)
Chromaticity Coordinate X (Nom)	0.447
Chromaticity Coordinate Y (Nom)	0.4
Correlated Color Temperature (Nom)	2800 K
Luminous Efficacy (rated) (Nom)	106 lm/W
Color rendering index (CRI)	88
Arc Length O (Nom)	8.5 mm

Operating and Electrical

Power Consumption	99.0 W
Voltage (Nom)	100 V

Controls and Dimming

Dimmable	Yes

Mechanical and Housing

Bulb Finish	Clear
Bulb Shape	T46
Net Weight (Piece)	0.137 kg

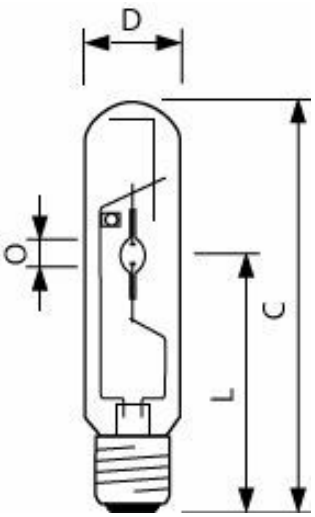
Approval and Application

Energy Efficiency Class	F
Mercury (Hg) Content (Max)	12 mg
Mercury (Hg) Content (Nom)	11.6 mg
Energy Consumption kWh/1000 h	99 kWh
EPREL Registration Number	473325
CE mark	Yes

Product Data

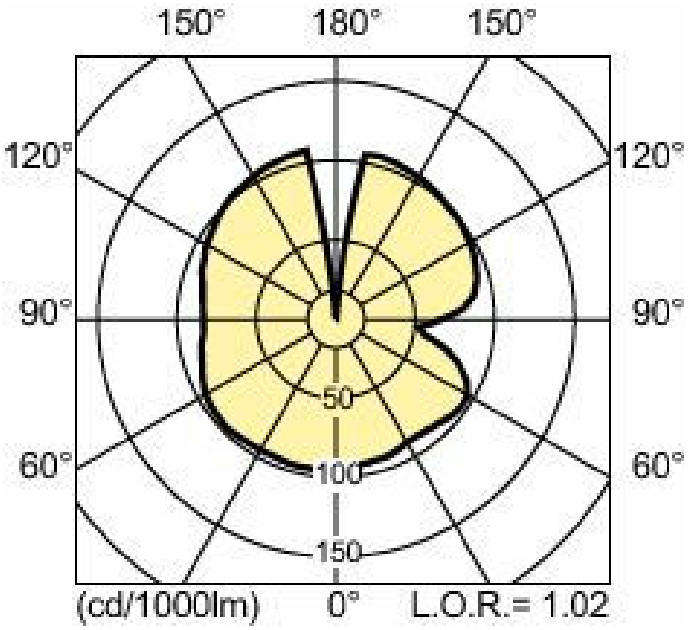
Order product name	MASTER CityWh CDO-TT Plus 100W/828 E40
Full product name	MASTER CityWh CDO-TT Plus 100W/828 E40
Full product code	871829112032200
Order code	928082119231
Material Nr. (12NC)	928082119231
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291120322
Numerator - Packs per outer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

Dimensional drawing

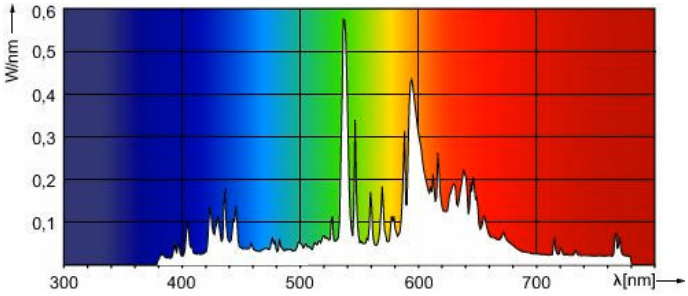


Product	D (max)	O	L	C (max)
MASTER CityWh CDO-TT Plus 100W/828 E40	47 mm	8.5 mm	132 mm	211 mm

Photometric data

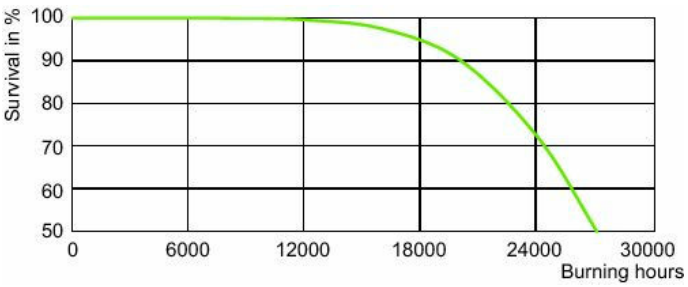


Light Distribution Diagram - MASTER CityWh CDO-TT Plus 100W/828 E40

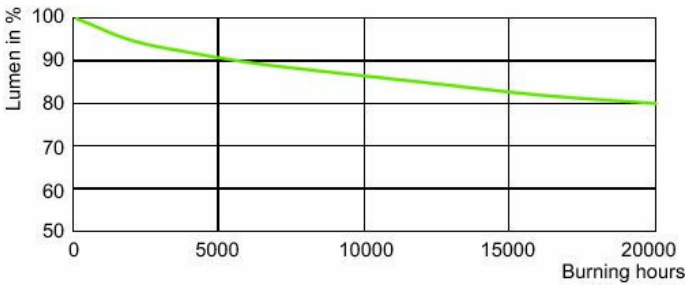


Spectral Power Distribution Colour - MASTER CityWh CDO-TT Plus 100W/828 E40

Lifetime



LDLE_CDO-TT_0002-Life expectancy diagram



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

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