



MASTER CityWhite CDO-ET

MASTER CityWh CDO-ET Plus 100W/828 E40

Ceramic metal halide lamp, with opalized ovoid 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)
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- The luminaire must be able to contain hot lamp parts if the lamp ruptures
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- Lamps may use electronic or electromagnetic control gear
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- Control gear must include end-of-life protection (IEC61167, IEC 62035)
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- 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	
Cap-Base	E40 [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	9,400 lm

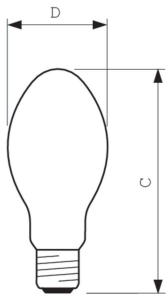
Color Designation	Warm White (WW)
Chromaticity Coordinate X (Nom)	0.447
Chromaticity Coordinate Y (Nom)	0.4
Correlated Color Temperature (Nom)	2800 K
Luminous Efficacy (rated) (Nom)	99 lm/W
Color rendering index (CRI)	87
Operating and Electrical	
Power Consumption	95.0 W

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Voltage (Nom)	90 V
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Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Finish	Coated glass
Bulb Shape	B75 [B 75mm]
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	95 kWh

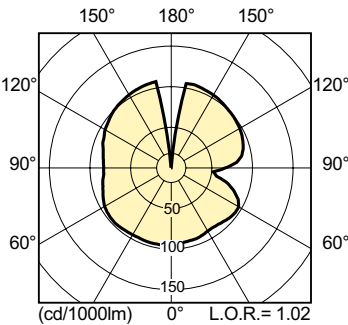
EPREL Registration Number	473399
Product Data	
Order product name	MASTER CityWh CDO-ET Plus 100W/828 E40
Full product name	MASTER CityWh CDO-ET Plus 100W/828 E40
Full product code	871829115877600
Order code	928154808835
Material Nr. (12NC)	928154808835
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291158776
Numerator - Packs per outer box	12
EAN/UPC - Case	8718291158783

Dimensional drawing

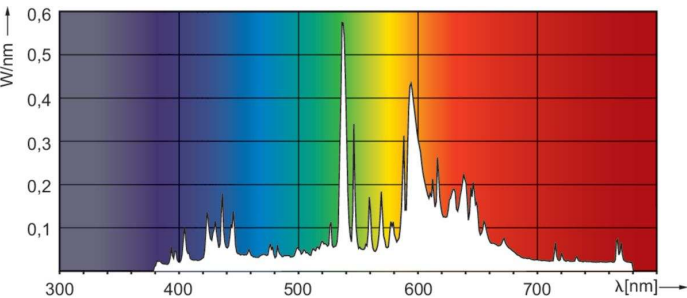


Product	D (max)	C (max)
MASTER CityWh CDO-ET Plus 100W/828 E40	76 mm	186 mm

Photometric data



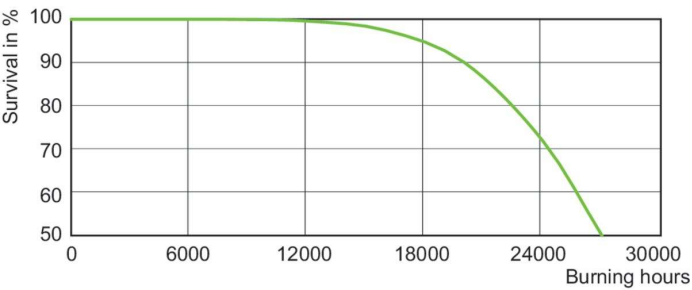
Light Distribution Diagram - MASTER CityWh CDO-ET Plus 100W/828 E40



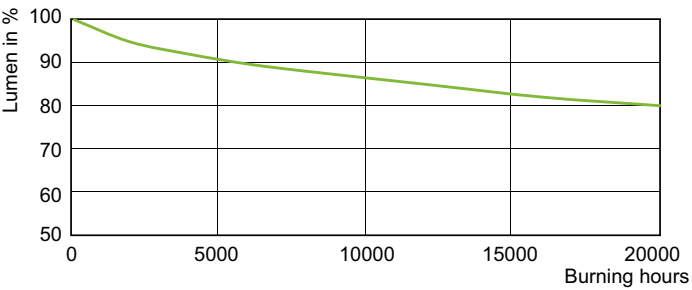
Spectral Power Distribution Colour - MASTER CityWh CDO-ET Plus 100W/828 E40

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Lifetime



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



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

