



MASTER CityWhite CDO-ET



MASTER CityWhite CDO-ET Plus 150W/828 E40

Ceramic metal halide Outdoor with opalized ovoid outer bulb

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)
- 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

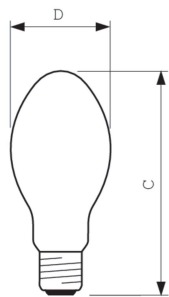
General Information		Color rendering index (CRI)	
Cap-Base	E40	85	
Operating Position	UNIVERSAL [Any or Universal (U)]	Operating and Electrical	
Flux measurement reference	Sphere	Power Consumption	143.0 W
Life to 50% Failures (Nom)	27,000 hour(s)	Voltage (Nom)	89 V
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Light Technical		Controls and Dimming	
Color Code	828 [CCT of 2800K]	Dimmable	Yes
Luminous Flux	15,400 lm	Mechanical and Housing	
Color Designation	Warm White (WW)	Bulb Finish	Coated glass
Chromaticity Coordinate X (Nom)	0.447	Bulb Shape	BD90
Chromaticity Coordinate Y (Nom)	0.4		
Correlated Color Temperature (Nom)	2800 K		
Luminous Efficacy (rated) (Nom)	108 lm/W		

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Approval and Application	
Energy Efficiency Class	F
Mercury (Hg) Content (Max)	15.8 mg
Mercury (Hg) Content (Nom)	15.8 mg
Energy Consumption kWh/1000 h	143 kWh
EPREL Registration Number	473400
Product Data	
Order product name	MASTER CityWh CDO-ET Plus 150W/828 E40
Full product name	MASTER CityWhite CDO-ET Plus 150W/828 E40

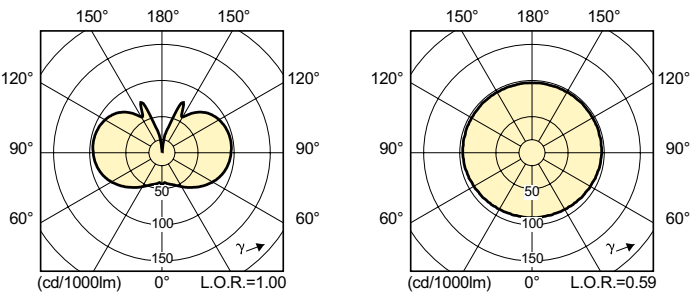
Full product code	871829115881300
Order code	15881300
Material Nr. (12NC)	928154908835
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291158813
Numerator - Packs per outer box	12
EAN/UPC - Case	8718291158820

Dimensional drawing

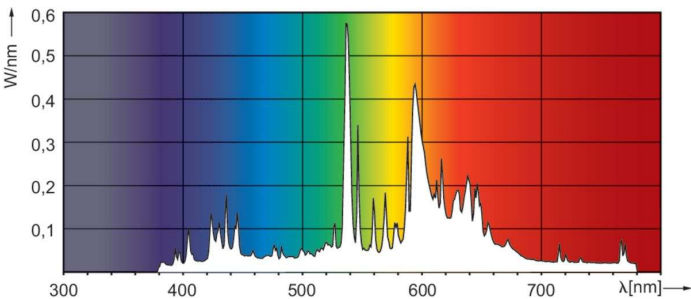


Product	D (max)	C (max)
MASTER CityWh CDO-ET Plus 150W/828 E40	91 mm	227 mm

Photometric data



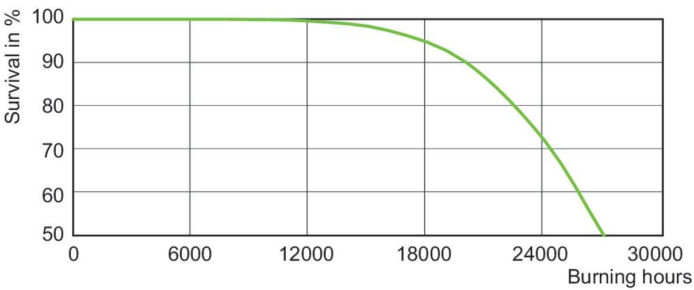
Light Distribution Diagram - MASTER CityWh CDO-ET Plus 150W/828 E40



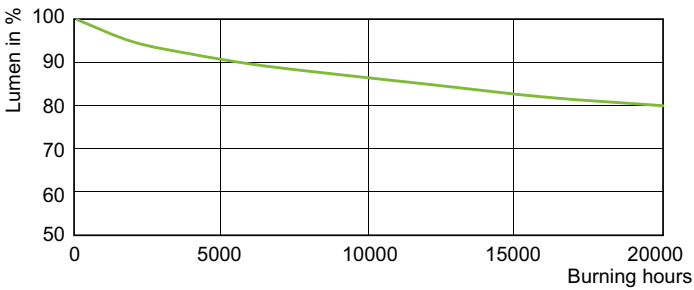
Spectral Power Distribution Colour - MASTER CityWh CDO-ET Plus 150W/828 E40

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Lifetime



Life Expectancy Diagram - MASTER CityWh CDO-ET Plus 150W/828 E40



Lumen Maintenance Diagram - MASTER CityWh CDO-ET Plus 150W/828 E40

