



# MASTER CityWhite CDO-ET



## MASTER CityWh CDO-ET Plus 150W/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)
- 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.

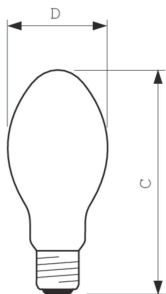
### Product data

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

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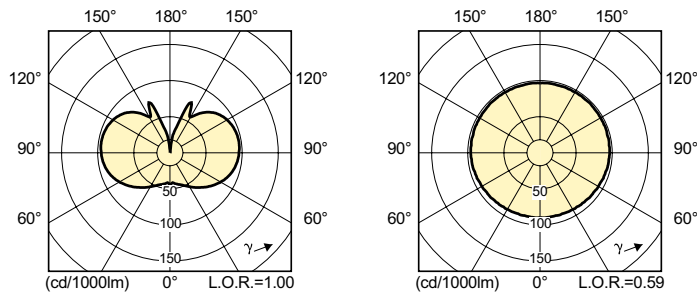
Bulb Shape	BD90 [BD 90mm]
<b>Approval and Application</b>	
Energy Efficiency Class	F
Mercury (Hg) Content (Max)	15.8 mg
Mercury (Hg) Content (Nom)	15.8 mg
Energy Consumption kWh/1000 h	143 kWh
EPREL Registration Number	473400
<b>Product Data</b>	
Full product code	871829115881300

## Dimensional drawing

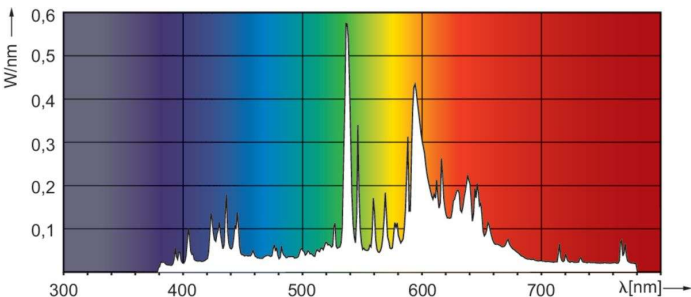


Product	D (max)	C (max)
MASTER CityWh CDO-ET Plus 150W/828 E40	91 mm	227 mm

## Photometric data



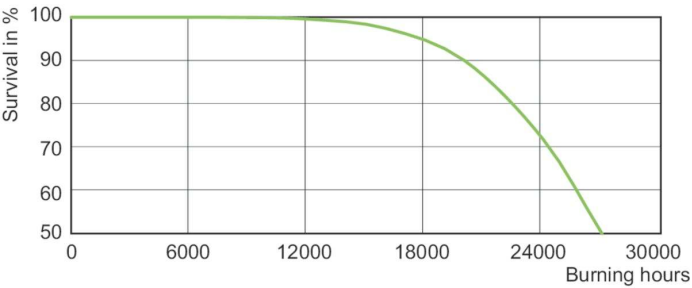
Light Distribution Diagram - MASTER CityWh CDO-ET Plus 150W/828 E40



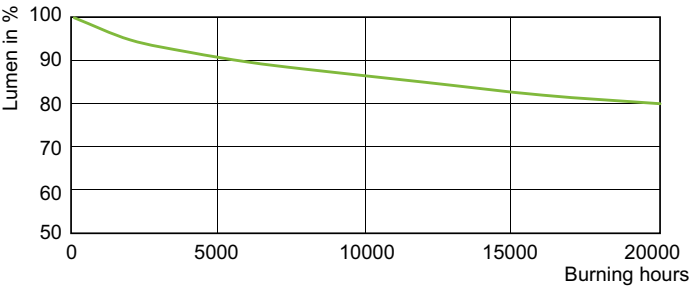
Spectral Power Distribution Colour - MASTER CityWh CDO-ET Plus 150W/828 E40

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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

