



# MASTER CityWhite CDO-ET

## MASTER CityWh CDO-ET Plus 70W/828 E27

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		Color Designation	
Cap-Base	E27	Color Designation	Warm White (WW)
Operating Position	UNIVERSAL [Any or Universal (U)]	Chromaticity Coordinate X (Nom)	0.447
Flux measurement reference	Sphere	Chromaticity Coordinate Y (Nom)	0.4
Life to 50% Failures (Nom)	27,000 hour(s)	Correlated Color Temperature (Nom)	2800 K
Light Technical		Luminous Efficacy (rated) (Nom)	99 lm/W
Color Code	828 [CCT of 2800K]	Color rendering index (CRI)	84
Luminous Flux	7,030 lm	Operating and Electrical	
		Power Consumption	71.0 W

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Voltage (Nom)	83 V
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## Controls and Dimming

Dimmable	Yes
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## Mechanical and Housing

Bulb Finish	Coated glass
Bulb Shape	B70

## Approval and Application

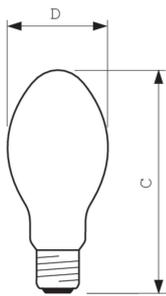
Energy Efficiency Class	F
Mercury (Hg) Content (Max)	7.8 mg
Mercury (Hg) Content (Nom)	7.8 mg
Energy Consumption kWh/1000 h	71 kWh

EPREL Registration Number	473398
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## Product Data

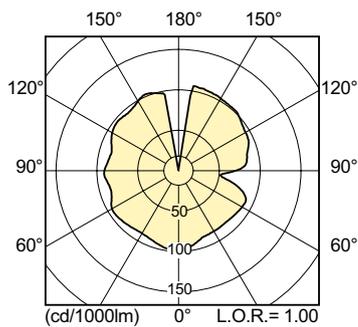
Order product name	MASTER CityWh CDO-ET Plus 70W/828 E27
Full product name	MASTER CityWh CDO-ET Plus 70W/828 E27
Full product code	871829115875200
Order code	928154708835
Material Nr. (12NC)	928154708835
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291158752
Numerator - Packs per outer box	24
EAN/UPC - Case	8718291158769

## Dimensional drawing

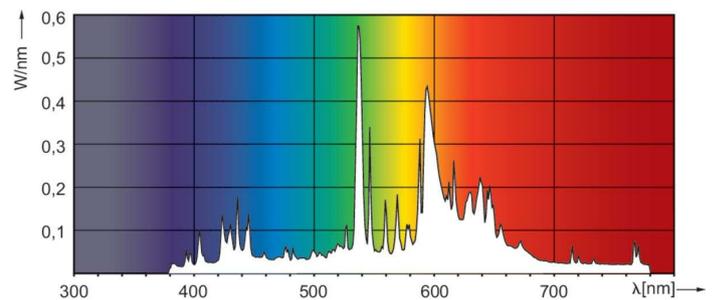


Product	D (max)	C (max)
MASTER CityWh CDO-ET Plus 70W/828 E27	71 mm	156 mm

## Photometric data



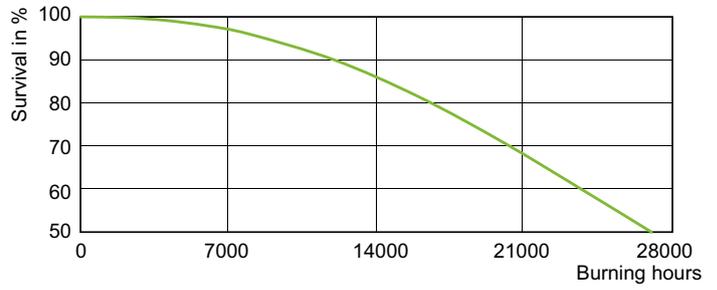
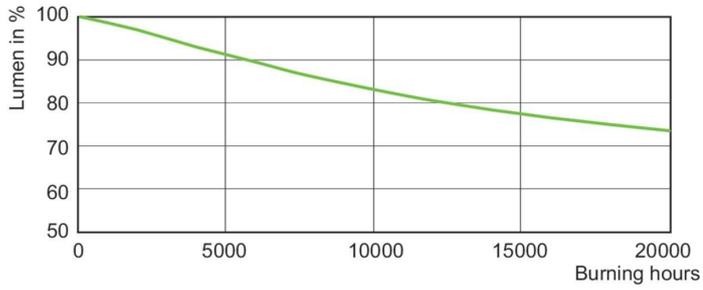
Light Distribution Diagram - MASTER CityWh CDO-ET Plus 70W/828 E27



Spectral Power Distribution Colour - MASTER CityWh CDO-ET Plus 70W/828 E27

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## Lifetime



Lumen Maintenance Diagram - MASTER CityWh CDO-ET Plus 70W/828 E27

Life Expectancy Diagram - MASTER CityWh CDO-ET Plus 70W/828 E27

