# **PHILIPS** Lighting





## 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)
- $\cdot$  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)	99 lm/W
Cap-Base	E40	Color rendering index (CRI)	87
Operating Position	UNIVERSAL [Any or Universal (U)]		
lux measurement reference	Sphere	Operating and Electrical	
Life to 50% Failures (Nom)	27,000 hour(s)	Power Consumption	95.0 W
		Voltage (Nom)	90 V
Light Technical		Voltage (Nom)	90 V
Color Code	828 [CCT of 2800K]		
uminous Flux	9,400 lm	Controls and Dimming	
Color Designation	Warm White (WW)	Dimmable	Yes
hromaticity Coordinate X (Nom)	0.447		
Chromaticity Coordinate Y (Nom)	0.4	Mechanical and Housing	
Correlated Color Temperature (Nom)	2800 K	Bulb Finish	Coated glass

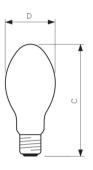
## **MASTER CityWhite CDO-ET**

Bulb Shape	B75	
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	

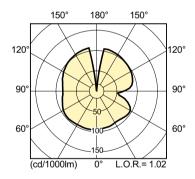
Full product name	MASTER CityWh CDO-ET Plus 100W/828 E40	
Full product code	871829115877600	
Order code	928154808835	
Material Nr. (12NC)	928154808835	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718291158776	
Numerator - Packs per outer box	12	
EAN/UPC - Case	8718291158783	

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

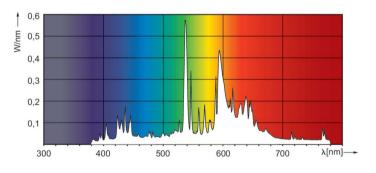
## Dimensional drawing



### Photometric data



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

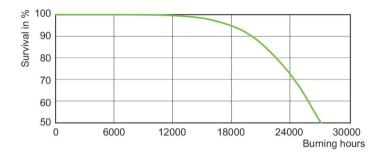


Spectral Power Distribution Colour - MASTER CityWh CDO-ET Plus 100W/828 E40

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## **MASTER CityWhite CDO-ET**

Lifetime



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

\$° 100 90 80 70 60 50 0 5000 1000 15000 20000 Burning hours

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



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