



MASTER CityWhite CDO-ET

MASTER CityWhite 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	
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	15,400 lm
Color Designation	Warm White (WW)
Chromaticity Coordinate X (Nom)	0.447
Chromaticity Coordinate Y (Nom)	0.4
Correlated Color Temperature (Nom)	2800 K

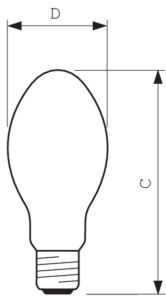
Luminous Efficacy (rated) (Nom)	108 lm/W
Color rendering index (CRI)	85
Operating and Electrical	
Power Consumption	143.0 W
Voltage (Nom)	89 V
Voltage (Nom)	89 V
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Finish	Coated glass

MASTER CityWhite CDO-ET

Bulb Shape	BD90 [BD 90mm]
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

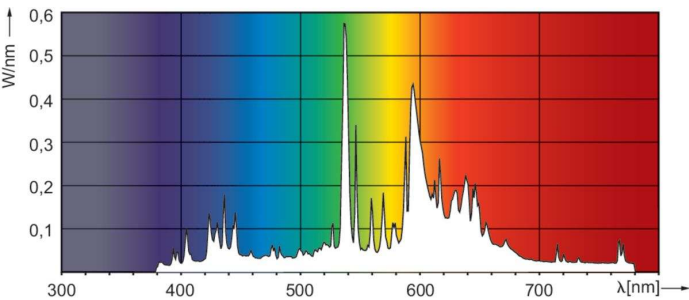
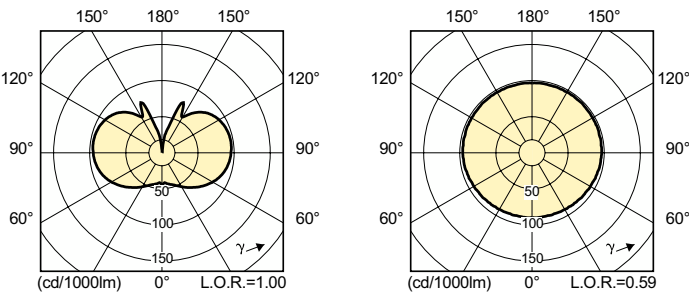
Full product name	MASTER CityWhite CDO-ET Plus 150W/828 E40
Full product code	871829115881300
Order code	15881300
Material Nr. (12NC)	928154908835
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291158813
Numerator - Packs per outer box	12
EAN/UPC - Case	8718291158820

Dimensional drawing



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

Photometric data

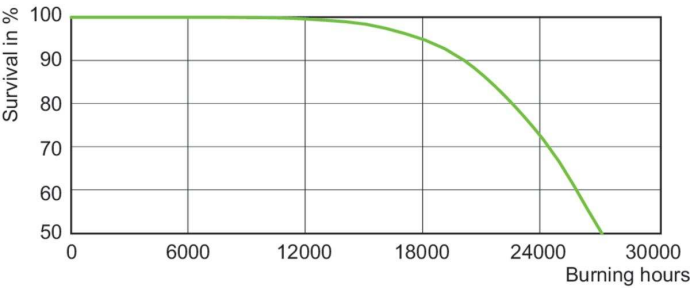


Light Distribution Diagram - MASTER CityWh CDO-ET Plus 150W/828 E40

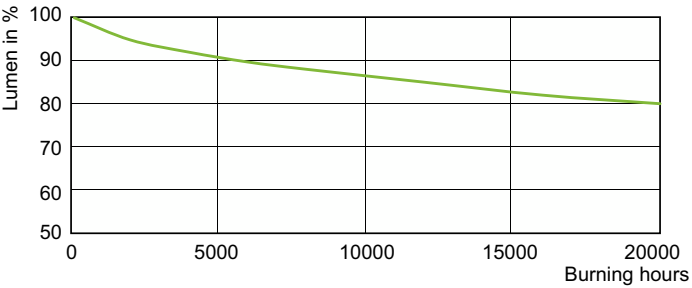
Spectral Power Distribution Colour - MASTER CityWh CDO-ET Plus 150W/828 E40

MASTER CityWhite CDO-ET

Lifetime



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



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

