



MASTER CityWhite CDO-ET



MASTER CityWhite 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)
- $\boldsymbol{\cdot}$ The luminaire must be able to contain hot lamp parts if the lamp ruptures
- \cdot Lamps may use electronic or electromagnetic control gear
- · Control gear must include end-of-life protection (IEC61167, IEC 62035)

Product data

| General Information | |
|-------------------------------------|----------------------------------|
| Cap base | E27 |
| Operating position | UNIVERSAL [Any or Universal (U)] |
| Flux measurement reference | Sphere |
| Life to 50% failures (nom.) | 27,000 h |
| | |
| Light Technical | |
| Colour Code | 828 [CCT of 2800K] |
| Luminous Flux | 7,030 lm |
| Colour designation | Warm White (WW) |
| Chromaticity Coordinate X (Nom) | 0.447 |
| Chromaticity Coordinate Y (Nom) | 0.4 |
| Correlated Colour Temperature (Nom) | 2800 K |
| Luminous efficacy (rated) (nom.) | 99 lm/W |
| Colour rendering index (CRI) | 84 |
| | |

| Operating and Electrical | |
|------------------------------------|--------------|
| Power Consumption | 71.0 W |
| Voltage (nom.) | 83 V |
| | |
| Controls and Dimming | |
| Dimmable | Yes |
| | |
| Mechanical and Housing | |
| Lamp Finish | Coated glass |
| Bulb shape | B70 |
| Net Weight (Piece) | 57.000 g |
| | |
| Approval and Application | |
| Energy Efficiency Class | F |
| Mercury (Hg) content (max.) | 7.8 mg |
| Mercury (Hg) content (nom.) | 7.8 mg |
| Energy consumption kWh/1,000 hours | 71 kWh |

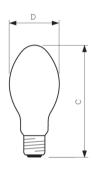
Datasheet, 2023, April 16 data subject to change

MASTER CityWhite CDO-ET

| EPREL Registration Number | 473398 | |
|---------------------------|--|--|
| | | |
| Product Data | | |
| Order product name | MASTER CityWh CDO-ET Plus 70W/828 E27 | |
| Full product name | MASTER CityWhite CDO-ET Plus 70W/828 E27 | |
| Full EOC | 871829115875200 | |
| Order code | 15875200 | |
| Material no. (12 NC) | 928154708835 | |

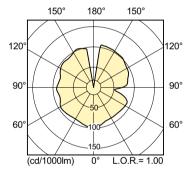
| Local order code | 70CDOETPLUS828 |
|---------------------------------|----------------|
| Numerator – quantity per pack | 1 |
| EAN/UPC — Product/Case | 8718291158752 |
| Numerator – packs per outer box | 24 |
| EAN/UPC - Case | 8718291158769 |
| | - |

Dimensional drawing

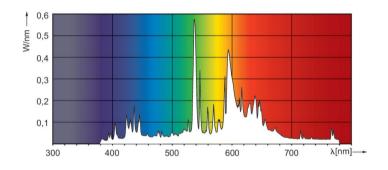


| Product | D (max) | C (max) |
|---------------------------------------|---------|---------|
| MASTER CityWh CDO-ET Plus 70W/828 E27 | 71 mm | 156 mm |

Photometric data



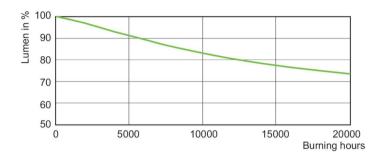
Light Distribution Diagram - MASTER CityWh CDO-ET Plus 70W/828 E27

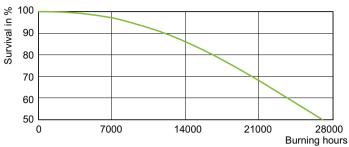


Spectral Power Distribution Colour - MASTER CityWh CDO-ET Plus 70W/828 E27

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Lifetime





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

LDLE_CDO-ET_0001-Life expectancy diagram



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