



MASTER CityWhite CDO-TT

MASTER CityWh CDO-TT Plus 150W/828 E40

Ceramic metal halide lamp with clear tubular 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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- $\boldsymbol{\cdot}$ The luminaire must be able to contain hot lamp parts if the lamp ruptures
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- Lamps may use electromagnetic control gear or electronic gear suitable to drive CDO lamps (e.g. HID-PV Xt CDO)
- Lamps may use electronic or electromagnetic control gear
- 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

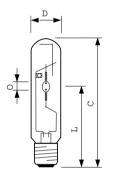
| General Information | | Colon Destingetion | Marine Malletter (JADAD) |
|----------------------------|----------------------------------|------------------------------------|--------------------------|
| General Information | | Color Designation | Warm White (WW) |
| Cap-Base | E40 [E40] | Chromaticity Coordinate X (Nom) | 0.447 |
| Operating Position | UNIVERSAL [Any or Universal (U)] | Chromaticity Coordinate Y (Nom) | 0.4 |
| Flux measurement reference | Sphere | Correlated Color Temperature (Nom) | 2800 K |
| Life to 50% Failures (Nom) | 27,000 hour(s) | Luminous Efficacy (rated) (Nom) | 110 lm/W |
| | | Color rendering index (CRI) | 87 |
| Light Technical | | Arc Length O (Nom) | 10 mm |
| Color Code | 828 [CCT of 2800K] | | |
| Luminous Flux | 16,400 lm | | |
| | | | |

MASTER CityWhite CDO-TT

| Operating and Electrical | |
|----------------------------|--------------|
| Power Consumption | 148.5 W |
| Voltage (Nom) | 99 V |
| Voltage (Nom) | 99 V |
| | |
| Controls and Dimming | |
| Dimmable | Yes |
| | |
| Mechanical and Housing | |
| Bulb Finish | Clear |
| Bulb Shape | T46 [T 46mm] |
| | |
| Approval and Application | |
| Energy Efficiency Class | F |
| Mercury (Hg) Content (Max) | 15.8 mg |
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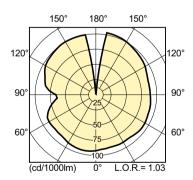
| Energy Consumption kWh/1000 h | 149 kWh | | |
|---------------------------------|--|--|--|
| EPREL Registration Number | 473327 | | |
| | | | |
| Product Data | | | |
| Order product name | MASTER CityWh CDO-TT Plus 150W/828 E40 | | |
| Full product name | MASTER CityWh CDO-TT Plus 150W/828 E40 | | |
| Full product code | 871829112034600 | | |
| Order code | 928082219231 | | |
| Material Nr. (12NC) | 928082219231 | | |
| Numerator - Quantity Per Pack | 1 | | |
| EAN/UPC - Product/Case | 8718291120346 | | |
| Numerator - Packs per outer box | 12 | | |
| EAN/UPC - Case | 8718291120353 | | |

Dimensional drawing

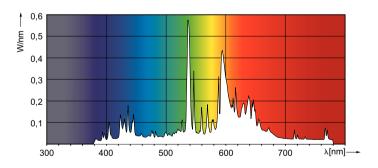


Product D (max) O L C (max) MASTER CityWh CDO-TT Plus 150W/828 E40 47 mm 10 mm 32 mm 31 mm

Photometric data



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

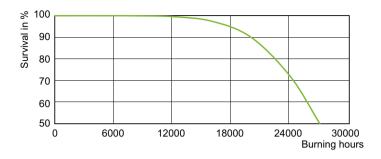


Spectral Power Distribution Colour - MASTER CityWh CDO-TT Plus 150W/828 E40

Datasheet, 2023, April 14

MASTER CityWhite CDO-TT

Lifetime



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

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

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



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