



MASTER CityWhite CDO-TT

MASTER CityWh CDO-TT Plus 250W/830 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

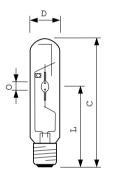
| General Information | | Color Designation | Warm White (WW) |
|----------------------------|----------------------------------|------------------------------------|-----------------|
| Cap-Base | E40 [E40] | Chromaticity Coordinate X (Nom) | 0.434 |
| Operating Position | UNIVERSAL [Any or Universal (U)] | Chromaticity Coordinate Y (Nom) | 0.398 |
| Flux measurement reference | Sphere | Correlated Color Temperature (Nom) | 3000 K |
| Life to 50% Failures (Nom) | 23,000 hour(s) | Luminous Efficacy (rated) (Nom) | 113 lm/W |
| | | Color rendering index (CRI) | 88 |
| Light Technical | | Arc Length O (Nom) | 12.1 mm |
| Color Code | 830 [CCT of 3000K] | | |
| Luminous Flux | 28,400 lm | | |
| | | | |

MASTER CityWhite CDO-TT

| Operating and Electrical | |
|----------------------------|--------------|
| Power Consumption | 250.0 W |
| Voltage (Nom) | 99 V |
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| | |
| 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) | 25 mg |
| Mercury (Hg) Content (Nom) | 25.3 mg |
| | |

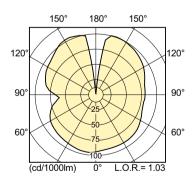
| Energy Consumption kWh/1000 h | 250 kWh | | |
|---------------------------------|--|--|--|
| EPREL Registration Number | 473329 | | |
| | | | |
| Product Data | | | |
| Order product name | MASTER CityWh CDO-TT Plus 250W/830 E40 | | |
| Full product name | MASTER CityWh CDO-TT Plus 250W/830 E40 | | |
| Full product code | 871829112197800 | | |
| Order code | 928082319230 | | |
| Material Nr. (12NC) | 928082319230 | | |
| Numerator - Quantity Per Pack | 1 | | |
| EAN/UPC - Product/Case | 8718291121978 | | |
| Numerator - Packs per outer box | 12 | | |
| EAN/UPC - Case | 8718291121985 | | |
| | | | |

Dimensional drawing

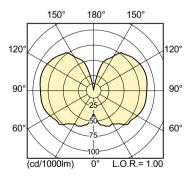


Product D (max) O L C (max) MASTER CityWh CDO-TT Plus 250W/830 E40 47 mm 12.1 mm 157 mm 257 mm

Photometric data



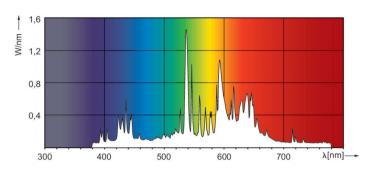
Light Distribution Diagram - MASTER CityWh CDO-TT Plus 250W/830 E40



Light Distribution Diagram - MASTER CityWh CDO-TT Plus 250W/830 E40

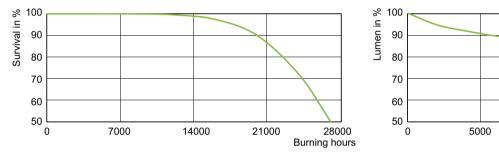
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Photometric data



Spectral Power Distribution Colour - MASTER CityWh CDO-TT Plus 250W/830 E40

Lifetime



Life Expectancy Diagram - MASTER CityWh CDO-TT Plus 250W/830 E40

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

Lumen Maintenance Diagram - MASTER CityWh CDO-TT Plus 250W/830 E40



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