



MASTER CosmoWhite CPO-TT Xtra

MST CosmoWhite CPO-TT Xtra 45W/628 E27

New-generation ceramic metal-halide tubular lamps used in outdoor applications, offering efficient and pleasant white light

Warnings and Safety

- Use only in a totally enclosed luminaire, even during testing (IEC 61167, IEC 62035, IEC 60598)
- The luminaire must be able to contain hot lamp parts if the lamp ruptures
- Use only with suitable electronic control gear
- Control gear must include end-of-life protection (IEC 61167, IEC 62035)
- E27 lamp holders and other parts in luminaires should be designed to withstand the ignition voltage of the electronic control gear (rated at 5 kV ignition pulse)
- 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 | E27 [E27] |
| Operating position | P20 [Parallel +/-20D or Horizontal(HOR)] |
| Flux measurement reference | Sphere |
| Life to 50% failures (nom.) | 32,000 h |

| Light Technical | |
|---------------------------------|--------------------|
| Colour Code | 628 [CCT of 2800K] |
| Luminous Flux | 4,725 lm |
| Colour designation | Warm White (WW) |
| Chromaticity Coordinate X (Nom) | 0.447 |
| Chromaticity Coordinate Y (Nom) | 0.4 |

| | |
|----------------------------------|----------|
| Correlated Colour Temperature | 2800 K |
| Luminous efficacy (rated) (nom.) | 105 lm/W |
| Colour rendering index (CRI) | 65 |
| Arc Length O (Nom) | 14 mm |

| Operating and Electrical | |
|--------------------------|--------|
| Power Consumption | 45.0 W |
| Voltage (nom.) | 91 V |
| Voltage (nom.) | 91 V |

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Controls and Dimming

| | |
|----------|-----|
| Dimmable | Yes |
|----------|-----|

Mechanical and Housing

| | |
|-------------|---------------|
| Lamp Finish | Clear |
| Bulb shape | T35 [T 35 mm] |

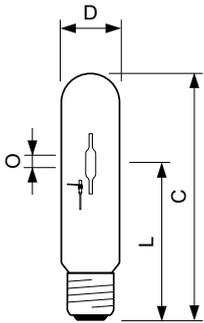
Approval and Application

| | |
|------------------------------------|--------|
| Energy Efficiency Class | F |
| Mercury (Hg) content (max.) | 2 mg |
| Mercury (Hg) content (nom.) | 2.0 mg |
| Energy consumption kWh/1,000 hours | 45 kWh |
| EPREL registration number | 473310 |

Product Data

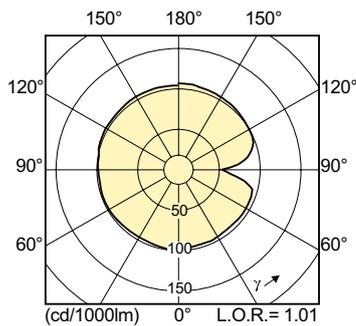
| | |
|-----------------------------------|--|
| Order product name | MST CosmoWhite CPO-TT Xtra 45W/628 E27 |
| Full product name | MST CosmoWhite CPO-TT Xtra 45W/628 E27 |
| Full EOC | 871829169171600 |
| Order code | 69171600 |
| Material no. (12 NC) | 928060809227 |
| Local order code | 45COTT628 |
| SAP numerator – quantity per pack | 1 |
| EAN/UPC – Product/Case | 8718291691716 |
| Numerator – packs per outer box | 12 |
| EAN/UPC - Case | 8718291691723 |

Dimensional drawing

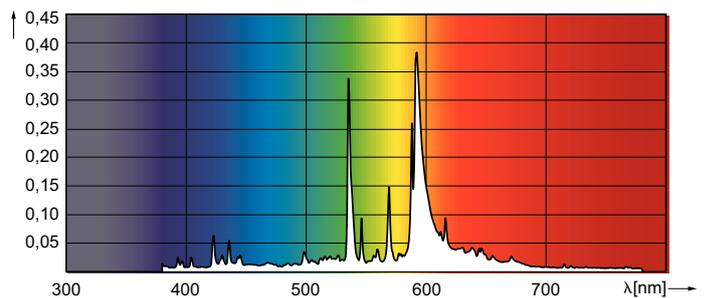


| Product | D (max) | D | O | L | C (max) |
|--|---------|-------|-------|--------|---------|
| MST CosmoWhite CPO-TT Xtra 45W/628 E27 | 36 mm | 35 mm | 14 mm | 103 mm | 156 mm |

Photometric data



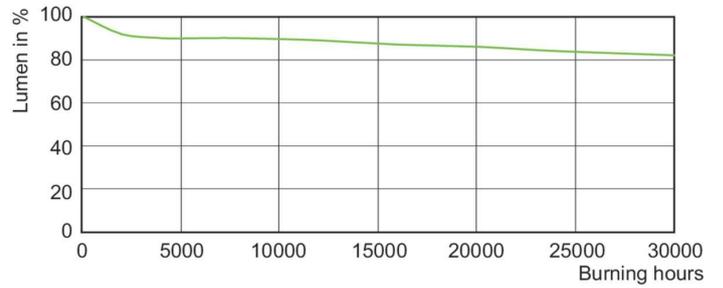
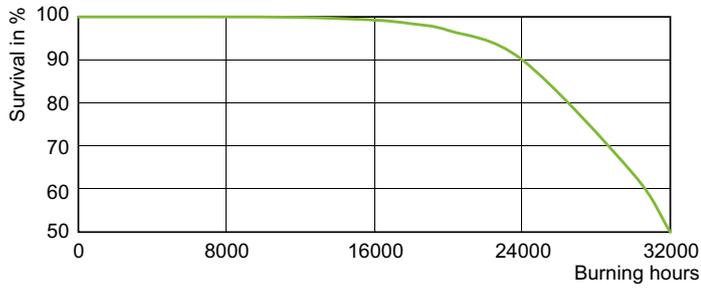
Light Distribution Diagram - MST CosmoWhite CPO-TT Xtra 45W/628 E27



Spectral Power Distribution Colour - MST CosmoWhite CPO-TT Xtra 45W/628 E27

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Lifetime



Life Expectancy Diagram - MST CosmoWhite CPO-TT Xtra 45W/628 E27

Lumen Maintenance Diagram - MST CosmoWhite CPO-TT Xtra 45W/628 E27

