



# MASTER CosmoWhite CPO-TW & CPO-TW Xtra

# MST CosmoWh CPO-TW Xtra 60W/728 PGZ12

New-generation ceramic metal halide lamps used in Outdoor offering efficient and 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
- $\cdot$  Use only with electronic control gear
- Control gear must include end-of-life protection (IEC61167, IEC 62035)

#### **Product data**

| eneral Information                 |                                  | Color rendering index (CRI) | 73     |
|------------------------------------|----------------------------------|-----------------------------|--------|
| ap-Base                            | PGZ12                            | Arc Length O (Nom)          | 14 mm  |
| Operating Position                 | UNIVERSAL [Any or Universal (U)] |                             |        |
| Flux measurement reference         | Sphere                           | Operating and Electrical    |        |
| Life to 50% Failures (Nom)         | 32,000 hour(s)                   | Power Consumption           | 60.0 W |
|                                    |                                  | Voltage (Nom)               | 92 V   |
| Light Technical                    |                                  | Voltage (Nom)               | 92 V   |
| Color Code                         | 728 [CCT of 2800K]               |                             |        |
| Luminous Flux                      | 7,200 lm                         | Controls and Dimming        |        |
| Color Designation                  | White (WH)                       | Dimmable                    | Yes    |
| Chromaticity Coordinate X (Nom)    | 0.447                            |                             |        |
| Chromaticity Coordinate Y (Nom)    | 0.4                              | Mechanical and Housing      |        |
| Correlated Color Temperature (Nom) | 2800 K                           | Bulb Finish                 | Clear  |
| Luminous Efficacy (rated) (Nom)    | 120 lm/W                         |                             |        |

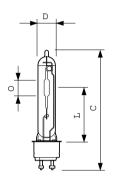
### MASTER CosmoWhite CPO-TW & CPO-TW Xtra

| Bulb Shape                    | T19    |  |  |
|-------------------------------|--------|--|--|
| Baib Shape                    | 115    |  |  |
|                               |        |  |  |
| Approval and Application      |        |  |  |
| Energy Efficiency Class       | E      |  |  |
| Mercury (Hg) Content (Max)    | 2 mg   |  |  |
| Mercury (Hg) Content (Nom)    | 2.0 mg |  |  |
| Energy Consumption kWh/1000 h | 60 kWh |  |  |
| EPREL Registration Number     | 473348 |  |  |
|                               |        |  |  |
| Product Data                  |        |  |  |

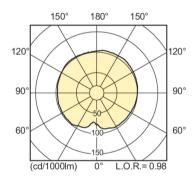
| Full product name               | MST CosmoWh CPO-TW Xtra 60W/728 PGZ12 |  |  |
|---------------------------------|---------------------------------------|--|--|
| Full product code               | 871150020851415                       |  |  |
| Order code                      | 928088505127                          |  |  |
| Material Nr. (12NC)             | 928088505127                          |  |  |
| Numerator - Quantity Per Pack   | 1                                     |  |  |
| EAN/UPC - Product/Case          | 8711500208514                         |  |  |
| Numerator - Packs per outer box | 12                                    |  |  |
| EAN/UPC - Case                  | 8711500208521                         |  |  |
|                                 |                                       |  |  |

| Vh CPO-TW Xtra 60W/728 PGZ12 |
|------------------------------|
|                              |

**Dimensional drawing** 

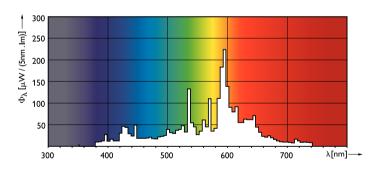


## Photometric data



Light Distribution Diagram - MST CosmoWh CPO-TW Xtra 60W/728 PGZ12

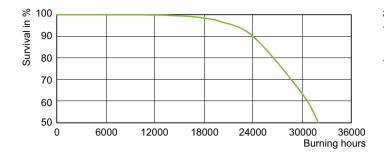
| Product                         | D (max) | D     | 0     | L     | C (max) |
|---------------------------------|---------|-------|-------|-------|---------|
| MST CosmoWh CPO-TW Xtra 60W/728 | 20 mm   | 19 mm | 14 mm | 59 mm | 132 mm  |
| PGZ12                           |         |       |       |       |         |



Spectral Power Distribution Colour - MST CosmoWh CPO-TW Xtra 60W/728 PGZ12

### MASTER CosmoWhite CPO-TW & CPO-TW Xtra

Lifetime



Life Expectancy Diagram - MST CosmoWh CPO-TW Xtra 60W/728 PGZ12

\$ 100 90 80 70 60 500 5000 1000 1500 20000 Burning hours

Lumen Maintenance Diagram - MST CosmoWh CPO-TW Xtra 60W/728 PGZ12



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