



# MASTER SON-T PIA Plus

# MSTSON-TPIA Plus 70W E27 1CT/12

High Pressure Sodium lamp with clear tubular outer bulb, high output and long reliable lifetime

### Warnings and Safety

- · Control gear must include end-of-life protection (IEC60662, IEC 62035)
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- 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.
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### **Product data**

| General Information                |                                  |  |  |
|------------------------------------|----------------------------------|--|--|
| Cap-Base                           | E27 [E27]                        |  |  |
| Operating Position                 | UNIVERSAL [Any or Universal (U)] |  |  |
| Flux measurement reference         | Sphere                           |  |  |
| Life to 50% Failures (Nom)         | 28,000 hour(s)                   |  |  |
|                                    |                                  |  |  |
| Light Technical                    |                                  |  |  |
| Color Code                         | 220 [CCT of 2000K]               |  |  |
| Luminous Flux                      | 6,650 lm                         |  |  |
| Chromaticity Coordinate X (Nom)    | 0.54                             |  |  |
| Chromaticity Coordinate Y (Nom)    | 0.42                             |  |  |
| Correlated Color Temperature (Nom) | 1900 K                           |  |  |
| Luminous Efficacy (rated) (Nom)    | 91 lm/W                          |  |  |
|                                    |                                  |  |  |

| Color rendering index (CRI) | -      |  |
|-----------------------------|--------|--|
|                             |        |  |
| Operating and Electrical    |        |  |
| Power Consumption           | 74.0 W |  |
| Voltage (Nom)               | 93 V   |  |
| Voltage (Nom)               | 93 V   |  |
|                             |        |  |
| Controls and Dimming        |        |  |
| Dimmable                    | Yes    |  |
|                             |        |  |
| Mechanical and Housing      |        |  |
| Bulb Finish                 | Clear  |  |
|                             |        |  |

Datasheet, 2023, April 14 data subject to change

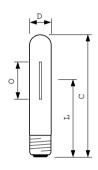
# **MASTER SON-T PIA Plus**

| Bulb Shape                    | T35 [T 35mm] |  |  |
|-------------------------------|--------------|--|--|
|                               |              |  |  |
| Approval and Application      |              |  |  |
| Energy Efficiency Class       | G            |  |  |
| Mercury (Hg) Content (Max)    | 12.2 mg      |  |  |
| Mercury (Hg) Content (Nom)    | 12.2 mg      |  |  |
| Energy Consumption kWh/1000 h | 73 kWh       |  |  |
| EPREL Registration Number     | 1612144      |  |  |
|                               |              |  |  |
| Product Data                  |              |  |  |

| Full product name               | MSTSON-TPIA Plus 70W E27 1CT/12 |
|---------------------------------|---------------------------------|
| Full product code               | 871829118069200                 |
| Order code                      | 928483200094                    |
| Material Nr. (12NC)             | 928483200094                    |
| Numerator - Quantity Per Pack   | 1                               |
| EAN/UPC - Product/Case          | 8718291180692                   |
| Numerator - Packs per outer box | 12                              |
| EAN/UPC - Case                  | 8718291180708                   |
|                                 |                                 |

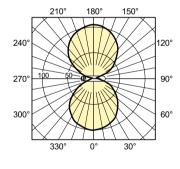
# Dimensional drawing

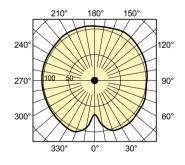
Order product name



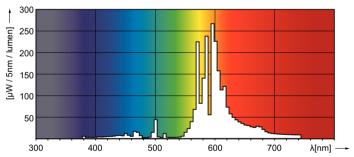
| Product                         | D (max)  | 0     | L      | C (max) |
|---------------------------------|----------|-------|--------|---------|
| MSTSON-TPIA Plus 70W E27 1CT/12 | 35.75 mm | 42 mm | 102 mm | 156 mm  |

# Photometric data





MSTSON-TPIA Plus 70W E27 1CT/12

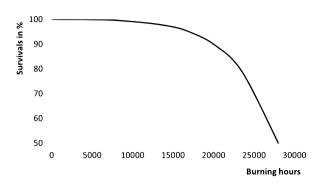


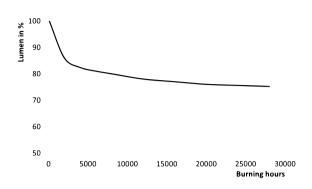
Light Distribution Diagram - MSTSON-TPIA Plus 70W E27 1CT/12

Spectral Power Distribution Colour - MSTSON-TPIA Plus 70W E27 1CT/12

# **MASTER SON-T PIA Plus**

# Lifetime





Life Expectancy Diagram

Lumen Maintenance Diagram



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