



# MASTER SON-T PIA Plus

## MST SON-T PIA Plus 100W E40 1SL/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)
- 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                           | E40                              |  |  |  |  |
| 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                      | 10,600 lm                        |  |  |  |  |
| Chromaticity Coordinate X (Nom)    | 0.535                            |  |  |  |  |
| Chromaticity Coordinate Y (Nom)    | 0.42                             |  |  |  |  |
| Correlated Color Temperature (Nom) | 2000 K                           |  |  |  |  |
| Luminous Efficacy (rated) (Nom)    | 105 lm/W                         |  |  |  |  |
| Color rendering index (CRI)        | -                                |  |  |  |  |
|                                    |                                  |  |  |  |  |
| Operating and Electrical           |                                  |  |  |  |  |
| Power Consumption                  | 101.0 W                          |  |  |  |  |
|                                    |                                  |  |  |  |  |

| Voltage (Nom)                 | 100 V   |
|-------------------------------|---------|
| Voltage (Nom)                 | 100 V   |
|                               |         |
| Controls and Dimming          |         |
| Dimmable                      | Yes     |
|                               |         |
| Mechanical and Housing        |         |
| Bulb Finish                   | Clear   |
| Bulb Shape                    | T46     |
|                               |         |
| Approval and Application      |         |
| Energy Efficiency Class       | F       |
| Mercury (Hg) Content (Max)    | 16.3 mg |
| Mercury (Hg) Content (Nom)    | 14.3 mg |
| Energy Consumption kWh/1000 h | 101 kWh |
| EPREL Registration Number     | 473289  |
|                               |         |

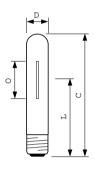
Datasheet, 2023, April 16 data subject to change

## **MASTER SON-T PIA Plus**

| Product Data        |                                    |  |  |  |
|---------------------|------------------------------------|--|--|--|
| Floddet Data        |                                    |  |  |  |
| Order product name  | MST SON-T PIA Plus 100W E40 1SL/12 |  |  |  |
| Full product name   | MST SON-T PIA Plus 100W E40 1SL/12 |  |  |  |
| Full product code   | 871829118071500                    |  |  |  |
| Order code          | 928483300095                       |  |  |  |
| Material Nr. (12NC) | 928483300095                       |  |  |  |

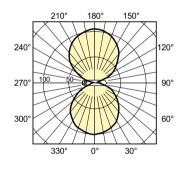
| Numerator - Quantity Per Pack   | 1             |
|---------------------------------|---------------|
| EAN/UPC - Product/Case          | 8718291180715 |
| Numerator - Packs per outer box | 12            |
| EAN/UPC - Case                  | 8718291180722 |

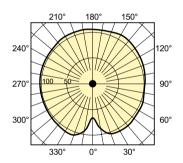
## Dimensional drawing

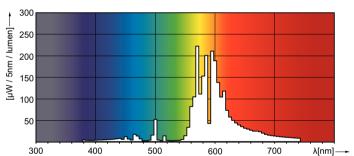


| Product                            | D (max) | 0     | L      | C (max) |
|------------------------------------|---------|-------|--------|---------|
| MST SON-T PIA Plus 100W E40 1SL/12 | 47 mm   | 47 mm | 132 mm | 209 mm  |

#### Photometric data



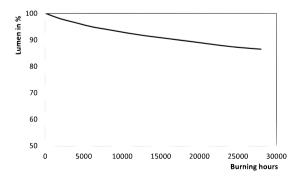




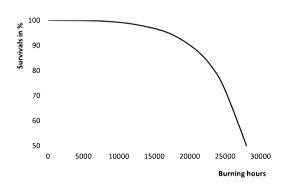
Light Distribution Diagram - MST SON-T PIA Plus 100W E40 1SL/12

Spectral Power Distribution Colour - MST SON-T PIA Plus 100W E40 1SL/12

## Lifetime







Life Expectancy Diagram

## **MASTER SON-T PIA Plus**



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