



# MASTER SON-T PIA Plus

## SON-T PIA PLUS 250W E 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 [E40]                        |  |  |  |  |
| Operating Position                 | UNIVERSAL [Any or Universal (U)] |  |  |  |  |
| Life to 50% Failures (Nom)         | 36,000 hour(s)                   |  |  |  |  |
|                                    |                                  |  |  |  |  |
| Light Technical                    |                                  |  |  |  |  |
| Color Code                         | 220 [CCT of 2000K]               |  |  |  |  |
| Luminous Flux                      | 32,100 lm                        |  |  |  |  |
| Chromaticity Coordinate X (Nom)    | 0.535                            |  |  |  |  |
| Chromaticity Coordinate Y (Nom)    | 0.420                            |  |  |  |  |
| Correlated Color Temperature (Nom) | 2000 K                           |  |  |  |  |
| Luminous Efficacy (rated) (Nom)    | 125 lm/W                         |  |  |  |  |
| Arc Length O (Nom)                 | 64 mm                            |  |  |  |  |
|                                    |                                  |  |  |  |  |
| Operating and Electrical           | <u> </u>                         |  |  |  |  |
| Power Consumption                  | 257.0 W                          |  |  |  |  |
| Voltage (Nom)                      | 102 V                            |  |  |  |  |

| Voltage (Nom)                 | 102 V                            |  |  |  |  |
|-------------------------------|----------------------------------|--|--|--|--|
|                               |                                  |  |  |  |  |
| Controls and Dimming          |                                  |  |  |  |  |
| Dimmable                      | Yes                              |  |  |  |  |
|                               |                                  |  |  |  |  |
| Mechanical and Housing        |                                  |  |  |  |  |
| Bulb Finish                   | Clear                            |  |  |  |  |
| Bulb Shape                    | T46 [T 46mm]                     |  |  |  |  |
|                               |                                  |  |  |  |  |
| Approval and Application      |                                  |  |  |  |  |
| Mercury (Hg) Content (Nom)    | 15.1 mg                          |  |  |  |  |
| Energy Consumption kWh/1000 h | 286 kWh                          |  |  |  |  |
|                               |                                  |  |  |  |  |
| Product Data                  |                                  |  |  |  |  |
| Order product name            | SON-T PIA PLUS 250W E E40 1SL/12 |  |  |  |  |
| Full product name             | SON-T PIA PLUS 250W E E40 1SL/12 |  |  |  |  |
| Full product code             | 871829166605900                  |  |  |  |  |

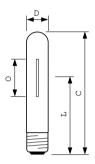
Datasheet, 2023, September 22 data subject to change

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

| Order code                    | 928144709295  |
|-------------------------------|---------------|
| Material Nr. (12NC)           | 928144709295  |
| Numerator - Quantity Per Pack | 1             |
| EAN/UPC - Product/Case        | 8718291666059 |

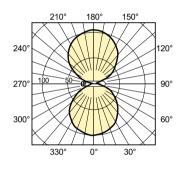
| Numerator - Packs per outer box | 12            |
|---------------------------------|---------------|
| EAN/UPC - Case                  | 8718291666066 |

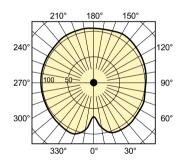
## Dimensional drawing

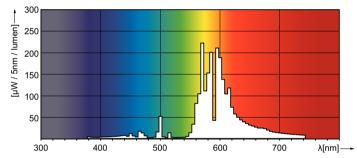


| Product                          | D (max) | 0     | L      | C (max) |
|----------------------------------|---------|-------|--------|---------|
| SON-T PIA PLUS 250W E E40 1SL/12 | 48 mm   | 64 mm | 158 mm | 257 mm  |

#### Photometric data



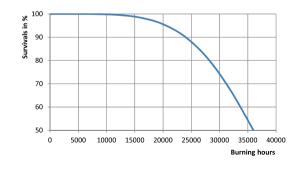


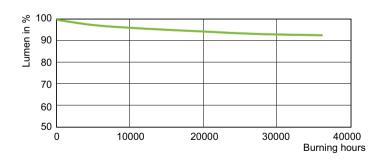


Light Distribution Diagram - SON-T PIA PLUS 250W E E40 1SL/12

Spectral Power Distribution Colour - SON-T PIA PLUS 250W E E40 1SL/12

#### Lifetime





Life Expectancy Diagram - SON-T PIA PLUS 250W E E40 1SL/12

Lumen Maintenance Diagram - SON-T PIA PLUS 250W E E40 1SL/12

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



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