



# MASTER SON PIA Plus



# **MASTER SON PIA Plus 50W E27**

High Pressure Sodium lamp with opalized ovoid 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                         | E27                              |  |
| Operating position               | UNIVERSAL [Any or Universal (U)] |  |
| Flux measurement reference       | Sphere                           |  |
| Life to 50% failures (nom.)      | 30,000 h                         |  |
|                                  |                                  |  |
| Light Technical                  |                                  |  |
| Colour Code                      | 220 [CCT of 2000K]               |  |
| Luminous Flux                    | 3,700 lm                         |  |
| Chromaticity Coordinate X (Nom)  | 0.540                            |  |
| Chromaticity Coordinate Y (Nom)  | 0.420                            |  |
| Correlated Colour Temperature    | 1900 K                           |  |
| Luminous efficacy (rated) (nom.) | 71 lm/W                          |  |
| Colour rendering index (CRI)     | -                                |  |
|                                  |                                  |  |
| Operating and Electrical         |                                  |  |
| Power Consumption                | 52.0 W                           |  |

| Voltage (nom.)                     | 85 V            |
|------------------------------------|-----------------|
| Voltage (nom.)                     | 85 V            |
|                                    |                 |
| Controls and Dimming               |                 |
| Dimmable                           | Yes             |
|                                    |                 |
| Mechanical and Housing             |                 |
| Lamp Finish                        | Coated glass    |
| Bulb shape                         | BF70 [BF 70 mm] |
|                                    |                 |
| Approval and Application           |                 |
| Energy Efficiency Class            | G               |
| Mercury (Hg) content (max.)        | 9.8 mg          |
| Mercury (Hg) content (nom.)        | 9.8 mg          |
| Energy consumption kWh/1,000 hours | 52 kWh          |
| EPREL registration number          | 473313          |
| EPREL registration number          | 473313          |

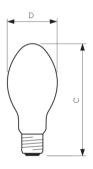
Datasheet, 2023, April 16 data subject to change

# **MASTER SON PIA Plus**

| Product Data         |                             |  |
|----------------------|-----------------------------|--|
| Order product name   | MASTER SON PIA Plus 50W E27 |  |
| Full product name    | MASTER SON PIA Plus 50W E27 |  |
| Full EOC             | 871829118038800             |  |
| Order code           | 18038800                    |  |
| Material no. (12 NC) | 928061109835                |  |
| Local order code     | 50SONPLUS                   |  |

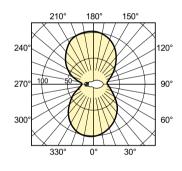
| SAP numerator – quantity per pack | 1             |
|-----------------------------------|---------------|
| EAN/UPC — Product/Case            | 8718291180388 |
| Numerator – packs per outer box   | 24            |
| EAN/UPC - Case                    | 8718291180395 |

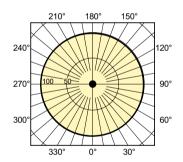
## Dimensional drawing

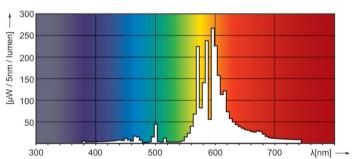


| Product                     | D (max) | C (max) |
|-----------------------------|---------|---------|
| MASTER SON PIA Plus 50W E27 | 71 mm   | 156 mm  |

#### Photometric data



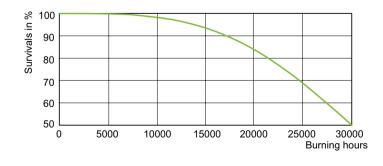


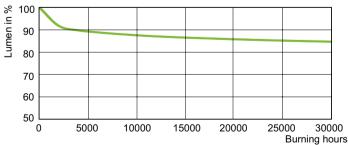


Light Distribution Diagram - MASTER SON PIA Plus 50W E27

Spectral Power Distribution Colour - MASTER SON PIA Plus 50W E27

#### Lifetime





Life Expectancy Diagram - MASTER SON PIA Plus 50W E27

Lumen Maintenance Diagram - MASTER SON PIA Plus 50W E27

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