



MASTER SON PIA Plus

MASTER SON PIA Plus 150W/220 E40 1SL/12

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 | E40 [E40] | |
| Operating Position | UNIVERSAL [Any or Universal (U)] | |
| Flux measurement reference | Sphere | |
| Life to 50% Failures (Nom) | 36,000 hour(s) | |
| | | |
| Light Technical | | |
| Color Code | 220 [CCT of 2000K] | |
| Luminous Flux | 16,600 lm | |
| Chromaticity Coordinate X (Nom) | 0.535 | |
| Chromaticity Coordinate Y (Nom) | 0.42 | |
| Correlated Color Temperature (Nom) | 2000 K | |
| Luminous Efficacy (rated) (Nom) | 107.79 lm/W | |
| Color rendering index (CRI) | - | |
| | | |
| Operating and Electrical | · | |
| Power Consumption | 154.0 W | |
| | | |

| Voltage (Nom) | 100 V |
|-------------------------------|----------------|
| Voltage (Nom) | 100 V |
| | |
| Controls and Dimming | |
| Dimmable | Yes |
| | |
| Mechanical and Housing | |
| Bulb Finish | Coated glass |
| Bulb Shape | BD90 [BD 90mm] |
| | |
| Approval and Application | |
| Energy Efficiency Class | F |
| Mercury (Hg) Content (Max) | 15.1 mg |
| Mercury (Hg) Content (Nom) | 15 mg |
| Energy Consumption kWh/1000 h | 154 kWh |
| EPREL Registration Number | 473387 |
| | |

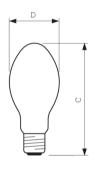
Datasheet, 2023, April 14 data subject to change

MASTER SON PIA Plus

| Product Data | |
|---------------------|---|
| Order product name | MASTER SON PIA Plus 150W/220 E40 1SL/12 |
| Full product name | MASTER SON PIA Plus 150W/220 E40 1SL/12 |
| Full product code | 871150018228915 |
| Order code | 928151409827 |
| Material Nr. (12NC) | 928151409827 |

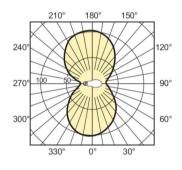
| Numerator - Quantity Per Pack | 1 |
|---------------------------------|---------------|
| EAN/UPC - Product/Case | 8711500182289 |
| Numerator - Packs per outer box | 12 |
| EAN/UPC - Case | 8711500182296 |

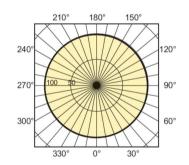
Dimensional drawing

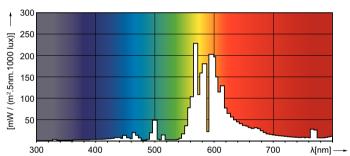


| Product | D (max) | C (max) |
|---|---------|---------|
| MASTER SON PIA Plus 150W/220 E40 1SL/12 | 91 mm | 227 mm |

Photometric data



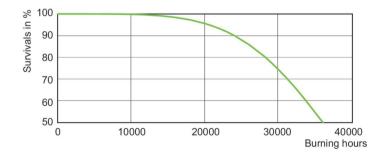


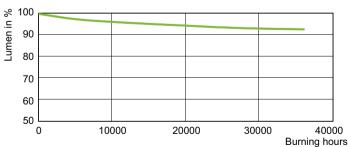


Light Distribution Diagram - MASTER SON PIA Plus 150W/220 E40 1SL/12

Spectral Power Distribution Colour - MASTER SON PIA Plus 150W/220 E40 1SL/12

Lifetime





Life Expectancy Diagram - MASTER SON PIA Plus 150W/220 E40 1SL/12

Lumen Maintenance Diagram - MASTER SON PIA Plus 150W/220 E40 1SL/12

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