



MASTER SON PIA Plus

MASTER SON PIA PLUS 100W/220 E40 SLV/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.
- Lamp contains mercury.
- Manage in Accord with Disposal Laws.
- See: www.lamprecycle.org or 1-800-555-0050

Product data

| General Information | |
|------------------------------------|----------------------------------|
| Cap-Base | E40 |
| Operating Position | UNIVERSAL [Any or Universal (U)] |
| Flux measurement reference | Sphere |
| Life to 50% Failures (Nom) | 29,000 hour(s) |
| Light Technical | |
| Color Code | 220 [CCT of 2000K] |
| Luminous Flux | 9,600 lm |
| Chromaticity Coordinate X (Nom) | 0.535 |
| Chromaticity Coordinate Y (Nom) | 0.42 |
| Correlated Color Temperature (Nom) | 2000 K |
| Luminous Efficacy (rated) (Nom) | 95 lm/W |

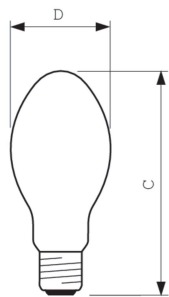
| Color rendering index (CRI) | - |
|-----------------------------|--------------|
| Operating and Electrical | |
| Power Consumption | 101.0 W |
| Voltage (Nom) | 100 V |
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| Controls and Dimming | |
| Dimmable | Yes |
| Mechanical and Housing | |
| Bulb Finish | Coated glass |
| Bulb Shape | B75 |

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| | |
|-------------------------------|---|
| Approval and Application | |
| Energy Efficiency Class | F |
| Mercury (Hg) Content (Max) | 16.3 mg |
| Mercury (Hg) Content (Nom) | 16.3 mg |
| Energy Consumption kWh/1000 h | 101 kWh |
| EPREL Registration Number | 473388 |
| Product Data | |
| Order product name | MASTER SON PIA Plus 100W/220 E40 1SL/12 |
| Full product name | MASTER SON PIA PLUS 100W/220 E40 SLV/12 |

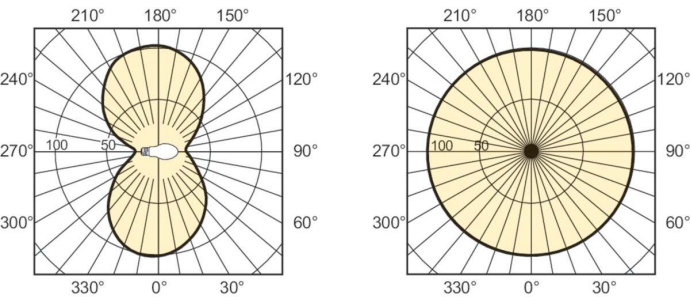
| | |
|---------------------------------|-----------------|
| Full product code | 871150018225815 |
| Order code | 251785 |
| Material Nr. (12NC) | 928151608827 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8711500182258 |
| Numerator - Packs per outer box | 12 |
| EAN/UPC - Case | 8711500182265 |

Dimensional drawing

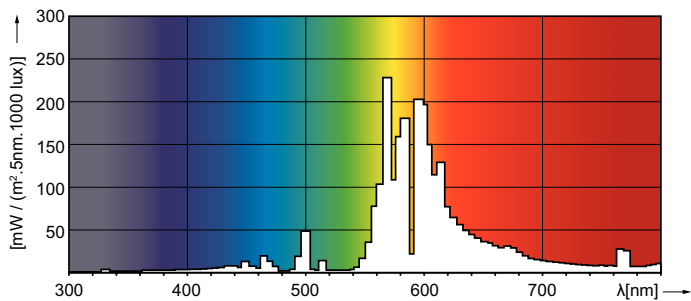


| Product | D (max) | C (max) |
|---|---------|------------|
| MASTER SON PIA Plus 100W/220 E40 1SL/12 | 3 inch | 7-3/8 inch |

Photometric data



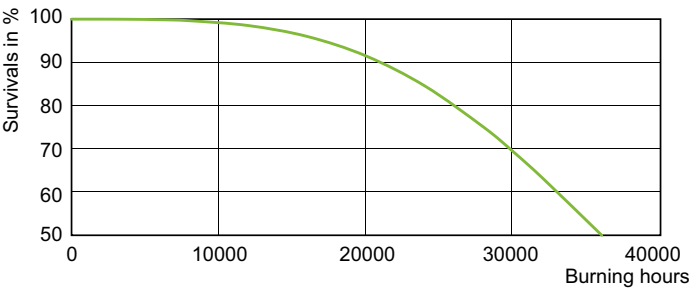
Light Distribution Diagram - MASTER SON PIA Plus 100W/220 E40 1SL/12



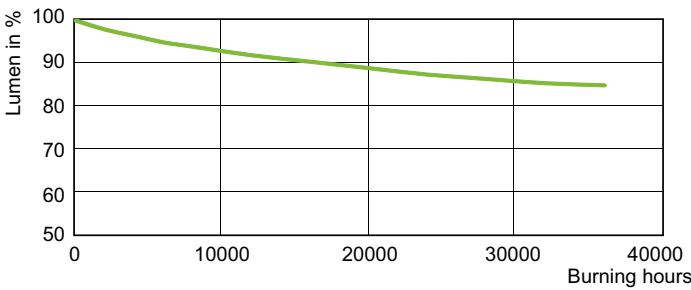
Spectral Power Distribution Colour - MASTER SON PIA Plus 100W/220 E40 1SL/12

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Lifetime



Life Expectancy Diagram - MASTER SON PIA Plus 100W/220 E40 1SL/12



Lumen Maintenance Diagram - MASTER SON PIA Plus 100W/220 E40 1SL/12

