



MASTER SON-T PIA Plus



MASTER 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 |

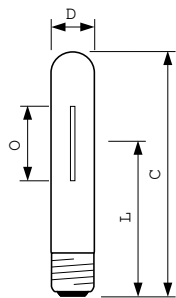
| Voltage (Nom) | 100 V |
|-------------------------------|---------|
| Voltage (Nom) | 100 V |
| Controls and Dimming | |
| Dimmable | Yes |
| Mechanical and Housing | |
| Bulb Finish | Clear |
| Bulb Shape | T46 |
| Approval and Application | |
| Energy Efficiency Class | F |
| Mercury (Hg) Content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

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| Product Data | |
|---------------------|---------------------------------------|
| Order product name | MST SON-T PIA Plus 100W E40 1SL/12 |
| Full product name | MASTER SON-T PIA Plus 100W E40 1SL/12 |
| Full product code | 871829118071500 |
| Order code | 18071500 |
| Material Nr. (12NC) | 928483300095 |

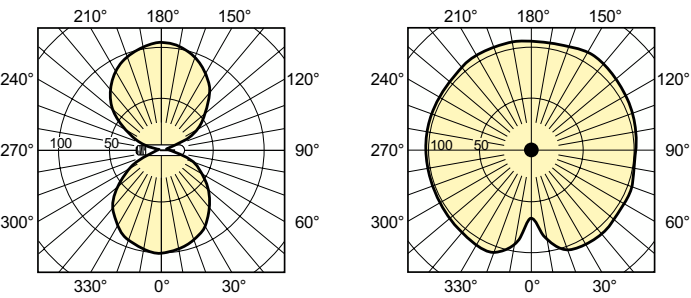
| | |
|---------------------------------|---------------|
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8718291180715 |
| Numerator - Packs per outer box | 12 |
| EAN/UPC - Case | 8718291180722 |

Dimensional drawing

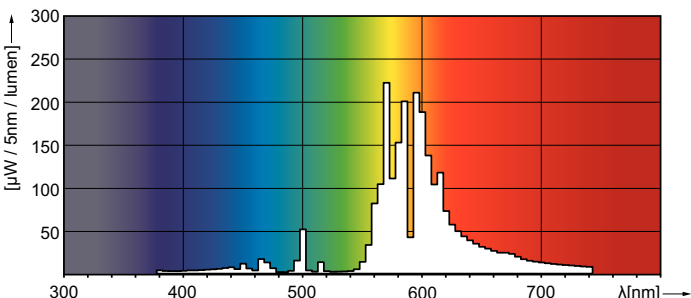


| Product | D (max) | O | L | C (max) |
|------------------------------------|---------|-------|--------|---------|
| MST SON-T PIA Plus 100W E40 1SL/12 | 47 mm | 47 mm | 132 mm | 209 mm |

Photometric data

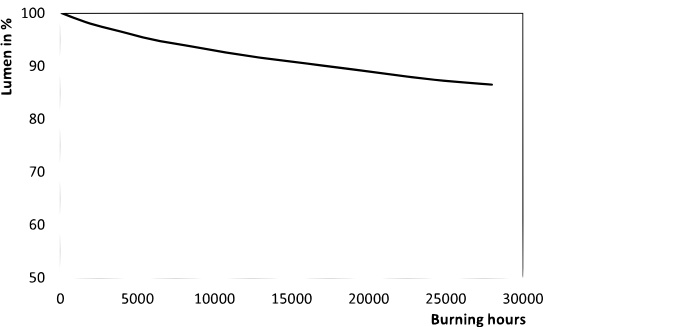


Light Distribution Diagram - MST SON-T PIA Plus 100W E40 1SL/12

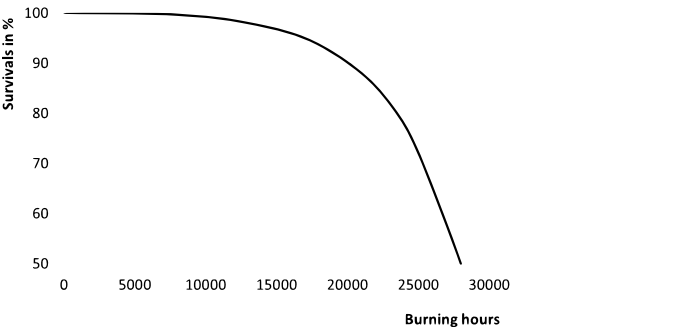


Spectral Power Distribution Colour - MST SON-T PIA Plus 100W E40 1SL/12

Lifetime



Lumen Maintenance Diagram - MST SON-T PIA Plus 100W E40 1SL/12



Life Expectancy Diagram

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