



MASTER SON-T PIA Plus

MST SON-T PIA Plus 100W/220 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

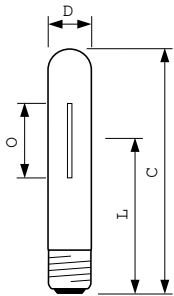
| General Information | | Operating and Electrical | |
|------------------------------------|----------------------------------|-------------------------------|----------|
| Cap-Base | E40 | Power Consumption | 101.0 W |
| Operating Position | UNIVERSAL [Any or Universal (U)] | Voltage (Nom) | 100 V |
| Flux measurement reference | Sphere | | |
| Life to 50% Failures (Nom) | 29,000 hour(s) | | |
| | | | |
| Light Technical | | Controls and Dimming | |
| Color Code | 220 [CCT of 2000K] | Dimmable | Yes |
| 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) | - | | |
| Arc Length O (Nom) | 47 mm | | |
| | | Mechanical and Housing | |
| | | Bulb Finish | Clear |
| | | Bulb Shape | T46 |
| | | Net Weight (Piece) | 0.128 kg |
| | | | |
| | | 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 |

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| | |
|---------------------------|--|
| EPREL Registration Number | 473389 |
| CE mark | Yes |
| Product Data | |
| Order product name | MST SON-T PIA Plus 100W/220 E40 1SL/12 |
| Full product name | MST SON-T PIA Plus 100W/220 E40 1SL/12 |
| Full product code | 871150019230115 |
| Order code | 928151709230 |

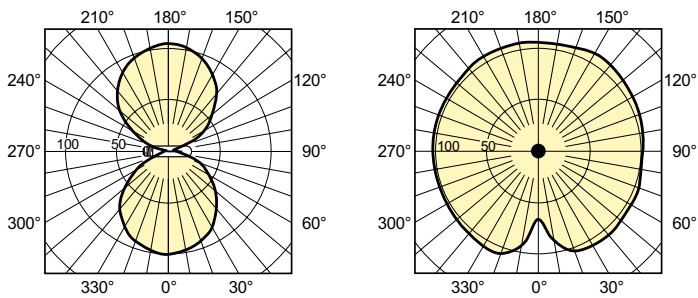
| | |
|---------------------------------|---------------|
| Material Nr. (12NC) | 928151709230 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8711500192301 |
| Numerator - Packs per outer box | 12 |
| EAN/UPC - Case | 8711500192745 |

Dimensional drawing

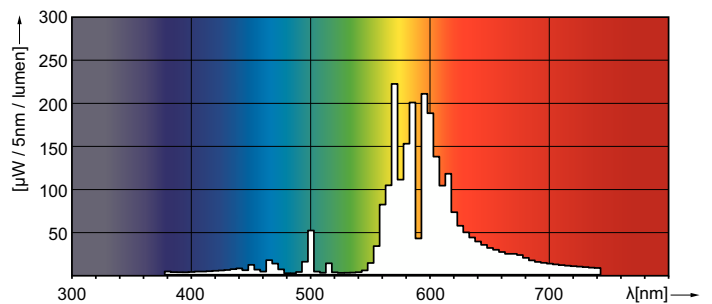


| Product | D (max) | O | L | C (max) |
|--|---------|-------|--------|---------|
| MST SON-T PIA Plus 100W/220 E40 1SL/12 | 48 mm | 47 mm | 132 mm | 210 mm |

Photometric data



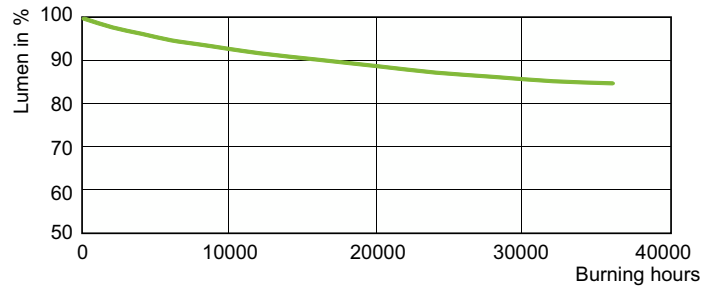
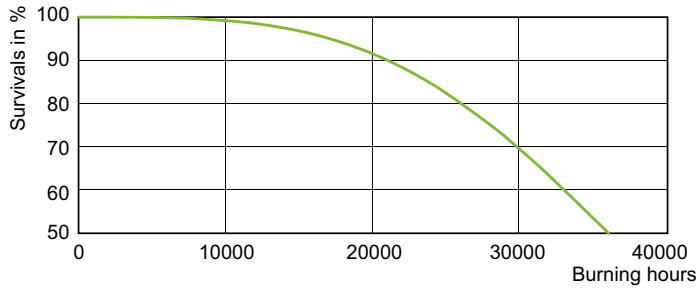
Light Distribution Diagram - MST SON-T PIA Plus 100W/220 E40 1SL/12



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

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Lifetime



LDLE_SON-TPIA_0002-Life expectancy diagram

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

