



MASTER SON-T PIA Plus



MST SON-T PIA PLUS 100W/220 E40 SL/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 [E40] |
| Operating position | UNIVERSAL [Any or Universal (U)] |
| Flux measurement reference | Sphere |
| Life to 50% failures (nom.) | 29,000 h |

| Light Technical | |
|----------------------------------|--------------------|
| Colour Code | 220 [CCT of 2000K] |
| Luminous Flux | 10,600 lm |
| Chromaticity Coordinate X (Nom) | 0.535 |
| Chromaticity Coordinate Y (Nom) | 0.42 |
| Correlated Colour Temperature | 2000 K |
| Luminous efficacy (rated) (nom.) | 105 lm/W |
| Colour rendering index (CRI) | - |
| Arc Length O (Nom) | 47 mm |

| Operating and Electrical | |
|--------------------------|---------|
| Power Consumption | 101.0 W |
| Voltage (nom.) | 100 V |
| Voltage (nom.) | 100 V |

| Controls and Dimming | |
|----------------------|-----|
| Dimmable | Yes |

| Mechanical and Housing | |
|------------------------|---------------|
| Lamp Finish | Clear |
| Bulb shape | T46 [T 46 mm] |

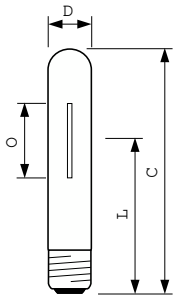
| Approval and Application | |
|------------------------------------|---------|
| Energy Efficiency Class | F |
| Mercury (Hg) content (max.) | 16.3 mg |
| Mercury (Hg) content (nom.) | 16.3 mg |
| Energy consumption kWh/1,000 hours | 101 kWh |

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| | |
|---------------------------|--|
| EPREL registration number | 473389 |
| 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 SL/12 |
| Full EOC | 871150019230115 |
| Local code description | 100SONTPLUS |
| Order code | 19230115 |

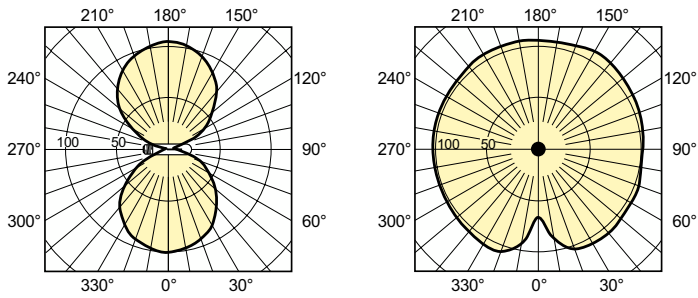
| | |
|-----------------------------------|---------------|
| Material no. (12 NC) | 928151709230 |
| Local order code | 100SONTPLUS |
| SAP numerator – quantity per pack | 1 |
| EAN/UPC – Product/Case | 8711500192301 |
| Numerator – packs per outer box | 12 |
| EAN/UPC - Case | 8711500192745 |

Dimensional drawing

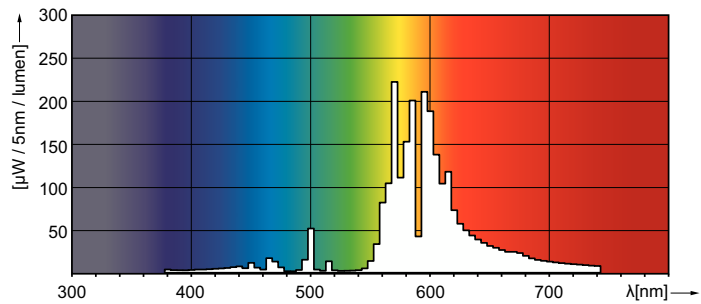


| Product | D (max) | O | L | C (max) |
|--|---------|-------|--------|---------|
| MST SON-T PIA Plus 100W/220 E40 1SL/12 | 48 mm | 47 mm | 132 mm | 210 mm |

Photometric data



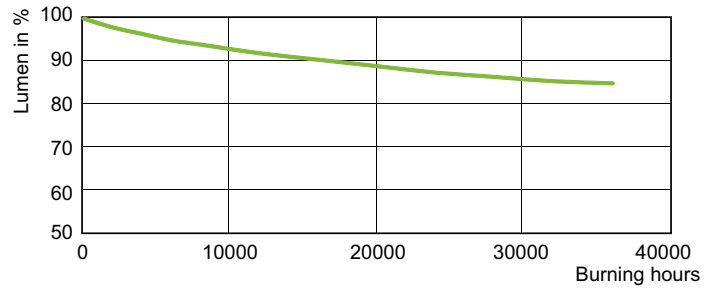
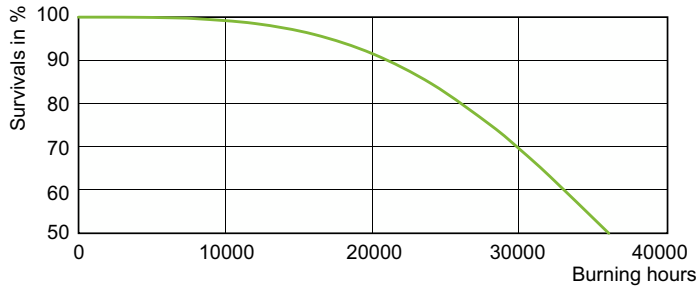
Light Distribution Diagram - MST SON-T PIA Plus 100W/220 E40 1SL/12



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

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Lifetime



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

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

