



# MASTER SON-T PIA Plus

## MST SON-T PIA Plus 250W 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)
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- 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.
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### 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                      | 33,000 lm                        |
| Chromaticity Coordinate X (Nom)    | 0.535                            |
| Chromaticity Coordinate Y (Nom)    | 0.420                            |
| Correlated Color Temperature (Nom) | 2000 K                           |
| Luminous Efficacy (rated) (Nom)    | 125 lm/W                         |

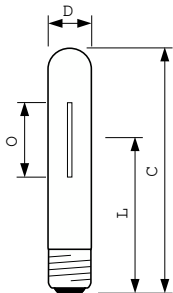
| Color rendering index (CRI) | -     |
|-----------------------------|-------|
| Arc Length O (Nom)          | 64 mm |
| Operating and Electrical    |       |
| Power Consumption           | 264 W |
| Voltage (Nom)               | 102 V |
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| Controls and Dimming        |       |
| Dimmable                    | Yes   |
| Mechanical and Housing      |       |
| Bulb Finish                 | Clear |

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|                               |                                    |
|-------------------------------|------------------------------------|
| Bulb Shape                    | T46 [T 46mm]                       |
| Approval and Application      |                                    |
| Energy Efficiency Class       | E                                  |
| Mercury (Hg) Content (Max)    | 15.1 mg                            |
| Mercury (Hg) Content (Nom)    | 15.1 mg                            |
| Energy Consumption kWh/1000 h | 257 kWh                            |
| EPREL Registration Number     | 1436304                            |
| Product Data                  |                                    |
| Order product name            | MST SON-T PIA Plus 250W E40 1SL/12 |

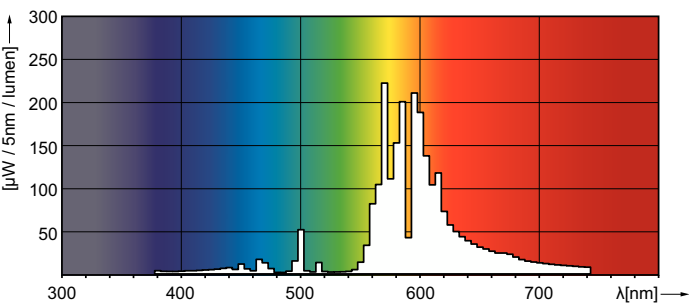
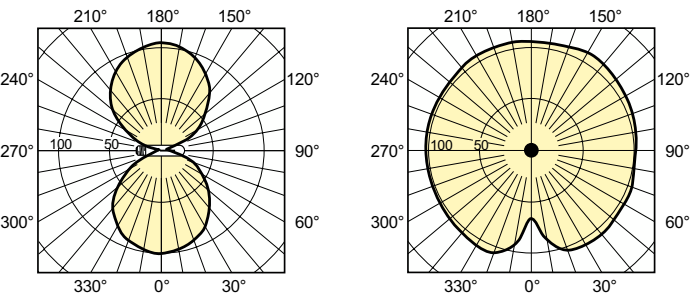
|                                 |                                    |
|---------------------------------|------------------------------------|
| Full product name               | MST SON-T PIA Plus 250W E40 1SL/12 |
| Full product code               | 871829118075300                    |
| Order code                      | 928144709293                       |
| Material Nr. (12NC)             | 928144709293                       |
| Numerator - Quantity Per Pack   | 1                                  |
| EAN/UPC - Product/Case          | 8718291180753                      |
| Numerator - Packs per outer box | 12                                 |
| EAN/UPC - Case                  | 8718291180760                      |

Dimensional drawing



| Product                            | D (max) | O     | L      | C (max) |
|------------------------------------|---------|-------|--------|---------|
| MST SON-T PIA Plus 250W E40 1SL/12 | 48 mm   | 64 mm | 158 mm | 257 mm  |

Photometric data

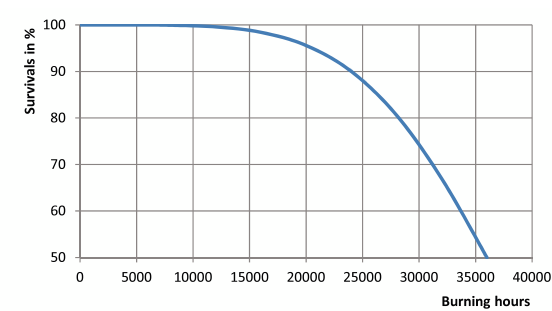


Light Distribution Diagram - MST SON-T PIA Plus 250W E40 1SL/12

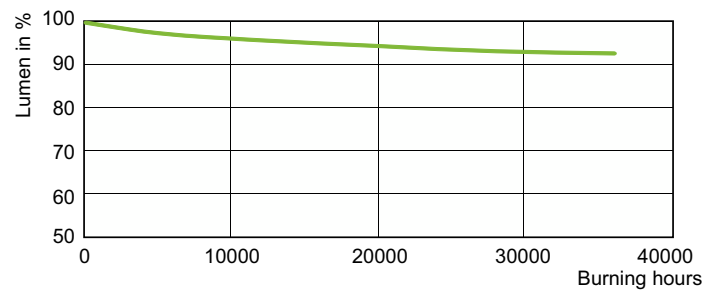
Spectral Power Distribution Colour - MST SON-T PIA Plus 250W E40 1SL/12

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Lifetime



Life Expectancy Diagram - MST SON-T PIA Plus 250W E40 1SL/12



Lumen Maintenance Diagram - MST SON-T PIA Plus 250W E40 1SL/12

