



MASTER SON-T PIA Plus



MST SON-T PIA Plus 400W E 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 [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 | 55,900 lumen | | | |
| Chromaticity Coordinate X (Nom) | 0.535 | | | |
| Chromaticity Coordinate Y (Nom) | 0.42 | | | |
| Correlated Color Temperature (Nom) | 2000 K | | | |
| Luminous Efficacy (rated) (Nom) | 137 lm/W | | | |
| Color rendering index (CRI) | - | | | |
| | | | | |
| Operating and Electrical | | | | |
| Power Consumption | 408.0 W | | | |
| | | | | |

| Voltage (Nom) | 105 V | | | |
|-------------------------------|--------------|--|--|--|
| Voltage (Nom) | 105 V | | | |
| | | | | |
| Controls and Dimming | | | | |
| Dimmable | Yes | | | |
| | | | | |
| Mechanical and Housing | | | | |
| Bulb Finish | Clear | | | |
| Bulb Shape | T46 [T 46mm] | | | |
| | | | | |
| Approval and Application | | | | |
| Energy Efficiency Class | E | | | |
| Mercury (Hg) Content (Max) | 19.6 mg | | | |
| Mercury (Hg) Content (Nom) | 20 mg | | | |
| Energy Consumption kWh/1000 h | 408 kWh | | | |
| EPREL Registration Number | 473369 | | | |
| | | | | |

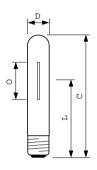
Datasheet, 2023, October 17 data subject to change

MASTER SON-T PIA Plus

| Product Data | |
|---------------------------------|--------------------------------------|
| Full product code | 871150017988315 |
| Order product name | MST SON-T PIA Plus 400W E E40 1SL/12 |
| Order code | 928144809227 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 12 |

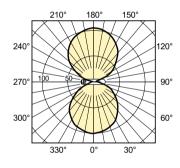
| Material Nr. (12NC) | 928144809227 |
|------------------------|--------------------------------------|
| Full product name | MST SON-T PIA Plus 400W E E40 1SL/12 |
| EAN/UPC - Case | 8711500182951 |
| EAN/UPC - Product/Case | 8711500179883 |

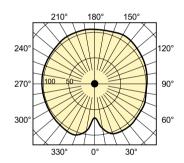
Dimensional drawing

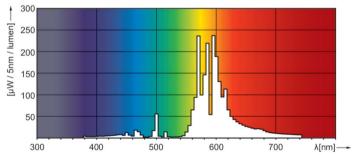


| Product | D (max) | 0 | L | C (max) |
|--------------------------------------|---------|-------|--------|---------|
| MST SON-T PIA Plus 400W E E40 1SL/12 | 48 mm | 83 mm | 175 mm | 279 mm |

Photometric data



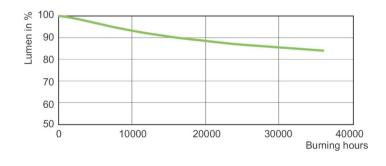


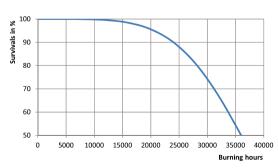


Light Distribution Diagram - MST SON-T PIA Plus 400W E E40 1SL/12

Spectral Power Distribution Colour - MST SON-T PIA Plus 400W E E40 1SL/12

Lifetime





Lumen Maintenance Diagram - MST SON-T PIA Plus 400W E E40 1SL/12

Life Expectancy Diagram - MST SON-T PIA Plus 400W E E40 1SL/12

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