



MASTER SON-T PIA Plus

MASTER 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 |
| 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 lm |
| 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) | - |
| Arc Length O (Nom) | 83 mm |

| 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 |

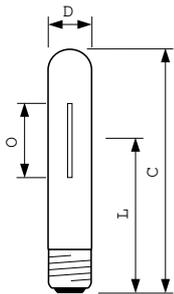
| Approval and Application | |
|-------------------------------|---------|
| Energy Efficiency Class | E |
| Mercury (Hg) Content (Max) | 19.6 mg |
| Mercury (Hg) Content (Nom) | 20 mg |
| Energy Consumption kWh/1000 h | 408 kWh |

MASTER SON-T PIA Plus

| | |
|---------------------------|---|
| EPREL Registration Number | 473369 |
| Product Data | |
| Order product name | MST SON-T PIA Plus 400W E E40 1SL/12 |
| Full product name | MASTER SON-T PIA Plus 400W E E40 1SL/12 |
| Full product code | 871150017988315 |
| Order code | 17988315 |

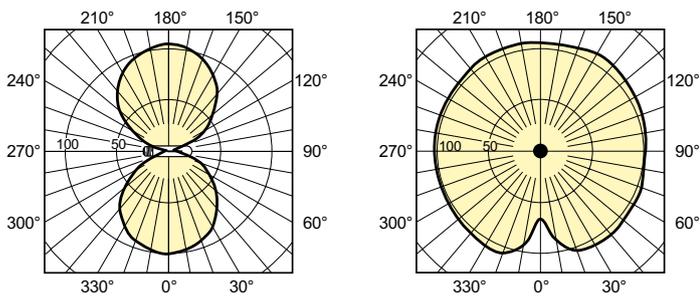
| | |
|---------------------------------|---------------|
| Material Nr. (12NC) | 928144809227 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8711500179883 |
| Numerator - Packs per outer box | 12 |
| EAN/UPC - Case | 8711500182951 |

Dimensional drawing

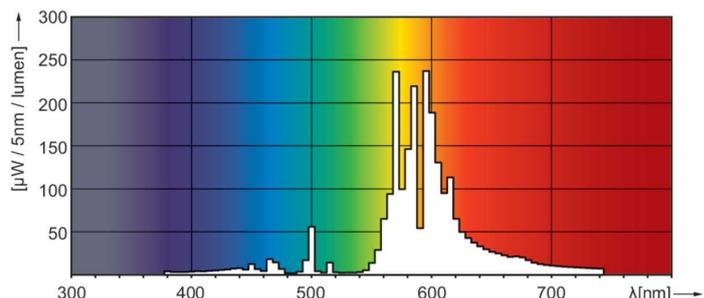


| Product | D (max) | O | L | C (max) |
|--------------------------------------|---------|-------|--------|---------|
| MST SON-T PIA Plus 400W E E40 1SL/12 | 48 mm | 83 mm | 175 mm | 279 mm |

Photometric data



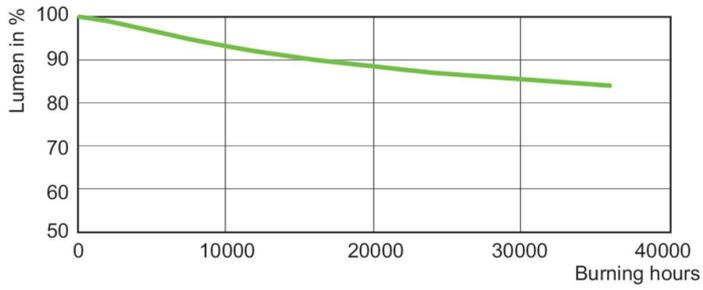
Light Distribution Diagram - MST SON-T PIA Plus 400W E E40 1SL/12



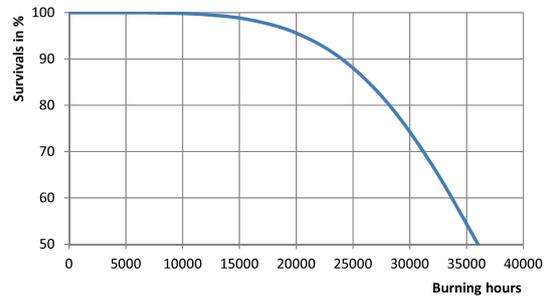
Spectral Power Distribution Colour - MST SON-T PIA Plus 400W E E40 1SL/12

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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

