



# 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                              |
| 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                            |

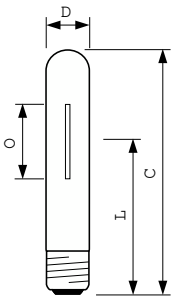
| Operating and Electrical      |         |
|-------------------------------|---------|
| Power Consumption             | 408.0 W |
| Voltage (Nom)                 | 105 V   |
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| Controls and Dimming          |         |
| Dimmable                      | 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         | MST SON-T PIA Plus 400W E E40 1SL/12 |
| Full product code         | 871150017988315                      |
| Order code                | 928144809227                         |

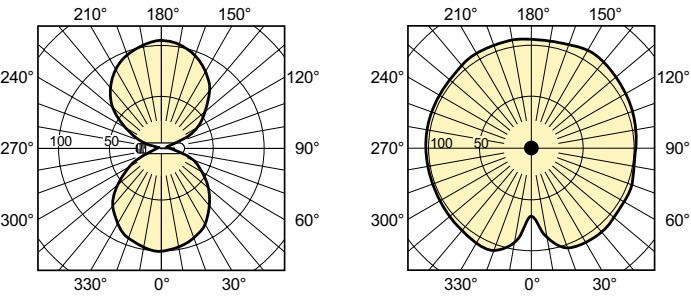
|                                 |               |
|---------------------------------|---------------|
| Material Nr. (12NC)             | 928144809227  |
| Numerator - Quantity Per Pack   | 1             |
| EAN/UPC - Product/Case          | 8711500179883 |
| Numerator - Packs per outer box | 12  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

Dimensional drawing

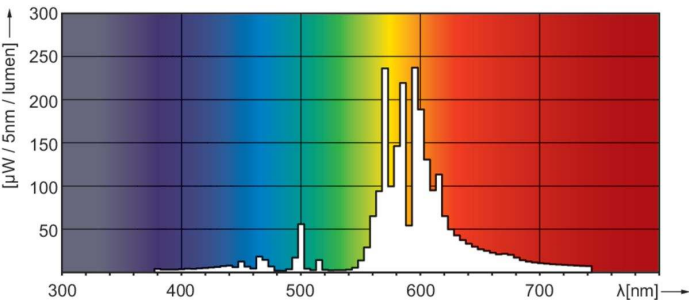


| Product                              | D (max) | O     | L      | C (max) |
|--------------------------------------|---------|-------|--------|---------|
| MST SON-T PIA Plus 400W E E40 1SL/12 | 48 mm   | 83 mm | 175 mm | 279 mm  |

Photometric data



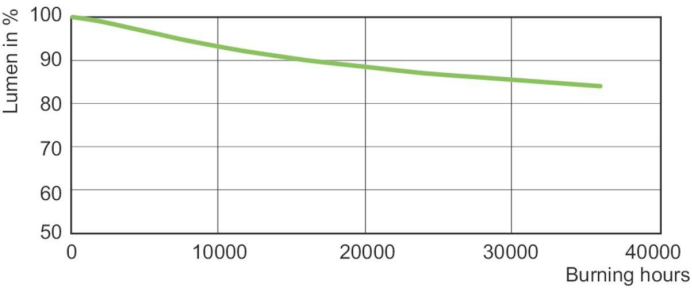
Light Distribution Diagram - MST SON-T PIA Plus 400W E E40 1SL/12



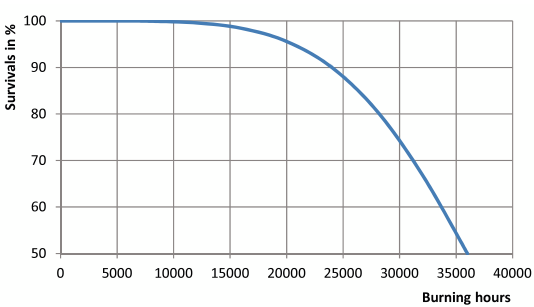
Spectral Power Distribution Colour - MST SON-T PIA Plus 400W E E40 1SL/12

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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

