



SON-T

SON-T 1000W E E40 1SL/4

High Pressure Sodium lamp with clear tubular outer bulb

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)] | | |
| Life to 5% Failures (Nom) | 8000 h | | |
| Life to 20% Failures (Nom) | 14000 h | | |
| Life to 50% Failures (Nom) | 20000 h | | |
| System Description | External Ignitor | | |
| | | | |
| Light technical | | | |
| Color Code | 220 [CCT of 2000K] | | |
| Luminous Flux (Rated) (Min) | 117000 lm | | |
| Luminous Flux (Rated) (Nom) | 130000 lm | | |
| Lumen Maintenance 2000 h (Min) | 90 % | | |
| Lumen Maintenance 2000 h (Nom) | 95 % | | |
| Lumen Maintenance 5000 h (Min) | 80 % | | |
| Lumen Maintenance 5000 h (Nom) | 90 % | | |
| Correlated Color Temperature (Nom) | 2000 K | | |
| Luminous Efficacy (rated) (Nom) | 130 lm/W | | |
| Color Rendering Index (Max) | 25 | | |

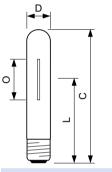
| Color Rendering Index (Nom) | - | | | |
|-------------------------------|---------|--|--|--|
| | | | | |
| Operating and electrical | | | | |
| Power (Nom) | 960.0 W | | | |
| Lamp Current (EM) (Nom) | 10.6 A | | | |
| Ignition Supply Voltage (Max) | 198 V | | | |
| Ignition Peak Voltage (Max) | 3000 V | | | |
| Re-Ignition Time (Min) (Max) | 240 s | | | |
| Ignition Time (Max) | 10 s | | | |
| Voltage (Max) | 115 V | | | |
| Voltage (Min) | 85 V | | | |
| Voltage (Nom) | 100 V | | | |
| | | | | |
| Controls and dimming | | | | |
| Dimmable | Yes | | | |
| Run-Up Time 90% (Max) | 6 min | | | |
| | | | | |
| Mechanical and housing | | | | |
| Bulb Finish | Clear | | | |
| Cap-Base Information | - | | | |
| | | | | |

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| Bulb Shape | T65 [T 65mm] | | |
|-------------------------------|-----------------|--|--|
| | | | |
| Approval and application | | | |
| Mercury (Hg) Content (Nom) | 22.65 mg | | |
| Energy Consumption kWh/1000 h | 1056 kWh | | |
| | | | |
| Luminaire design requirements | | | |
| Bulb Temperature (Max) | 450 °C | | |
| Cap-Base Temperature (Max) | 250 °C | | |
| | | | |
| Product data | | | |
| Full product code | 871150021060945 | | |
| | | | |

| Order product name | SON-T 1000W E E40 1SL/4 | | |
|---------------------------------|-------------------------|--|--|
| EAN/UPC - Product | 8711500210609 | | |
| Order code | 928487400091 | | |
| Numerator - Quantity Per Pack | 1 | | |
| Numerator - Packs per outer box | 4 | | |
| Material Nr. (12NC) | 928487400091 | | |
| Net Weight (Piece) | 0.404 kg | | |
| | | | |

Dimensional drawing



L

240 mm

145 mm

C (max)

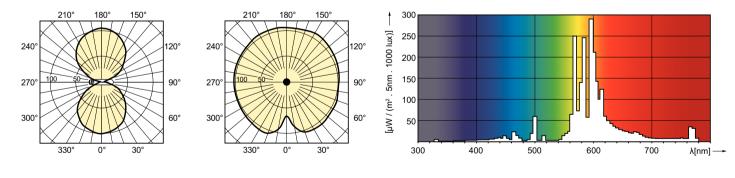
390 mm

D (max) O

66 mm

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Photometric data



Product

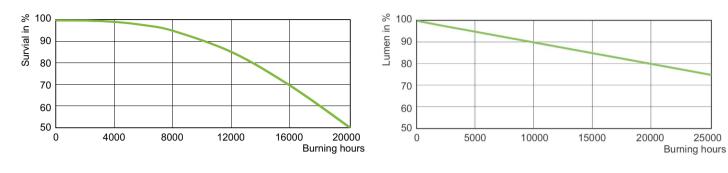
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LDLD_SON-T-Light distribution diagram

LDPO_SON-T-Spectral power distribution Colour

SON-T

Lifetime



LDLE_SON-T_1000W-Life expectancy diagram

LDLM_SON-T_1000W-Lumen maintenance diagram



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