



Product Description

SON-T

High Pressure Sodium lamp with clear tubular outer bulb

Benefits

· SON-T Pro is a cost-efficient and reliable solution in High Pressure Sodium

Features

- · Clear tubular outer bulb
- · High luminous efficacy
- Robust construction is vibration- and shock-resistant leading to a reliable life
- · Dimming possible with dedicated gear

Application

- · Road and residential lighting
- Decorative floodlighting
- $\boldsymbol{\cdot}$ Commercial and industrial applications
- · Recreational sports facilities Outdoor and Indoor

Warnings and Safety

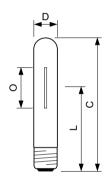
- · Control gear must include end-of-life protection (IEC60662, IEC 62035)
- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

Versions



LPPR SON-T E27

Dimensional drawing



| General Information | |
|------------------------------------|-----------|
| Operating Position | UNIVERSAL |
| | |
| Light Technical | |
| Correlated Color Temperature (Nom) | 2000 K |
| Color rendering index (CRI) | - |
| | |
| Controls and Dimming | |
| Dimmable | Yes |
| | |
| Mechanical and Housing | |
| Bulb Finish | Clear |

| Product | D (max) | 0 | L | C (max) |
|--------------------------|---------|-------|--------|---------|
| SON-T 100W E E40 SL/12 | 47 mm | 44 mm | 132 mm | 209 mm |
| SON-T 150W E E40 SL/12 | 47 mm | 58 mm | 132 mm | 209 mm |
| SON-T 250W E E40 SL/12 | 47 mm | 66 mm | 158 mm | 255 mm |
| SON-T 400W E E40 SL/12 | 47 mm | 82 mm | 175 mm | 286 mm |
| SON-T 70W/220 E27 1CT/12 | 36 mm | 42 mm | 102 mm | 156 mm |

General Information

| Order Code | Full Product Name | Cap-Base |
|--------------|------------------------|----------|
| 928481500092 | SON-T 100W E E40 SL/12 | E40 |
| 928487100096 | SON-T 150W E E40 SL/12 | E40 |
| 928487200098 | SON-T 250W E E40 SL/12 | E40 |

| Order Code | Full Product Name | Cap-Base |
|--------------|--------------------------|----------|
| 928487300098 | SON-T 400W E E40 SL/12 | E40 |
| 928152800035 | SON-T 70W/220 E27 1CT/12 | E27 |

Light Technical

| Order Code | Full Product Name | Chromaticity Coordinate X (Nom) | Chromaticity Coordinate Y (Nom) | Luminous Efficacy (rated) (Nom) |
|--------------|---------------------------|---------------------------------|---------------------------------|---------------------------------|
| 928481500092 | SON-T 100W E E40 SL/12 | - | - | 90 lm/W |
| 928487100096 | SON-T 150W E E40 SL/12 | - | - | 98 lm/W |
| 928487200098 | SON-T 250W E E40 SL/12 | - | - | 110 lm/W |

| | | Chromaticity | Chromaticity | Luminous |
|--------------|-------------------|--------------|--------------|------------------|
| | | Coordinate X | Coordinate Y | Efficacy (rated) |
| Order Code | Full Product Name | (Nom) | (Nom) | (Nom) |
| 928487300098 | SON-T 400W E | - | - | 123 lm/W |
| | E40 SL/12 | | | |
| 928152800035 | SON-T 70W/220 | 0.540 | 0.413 | 84 lm/W |
| | E27 1CT/12 | | | |
| | | | | |

Operating and Electrical

| Order Code | Full Product Name | Voltage (Nom) | Power Consumption |
|--------------|------------------------|---------------|-------------------|
| 928481500092 | SON-T 100W E E40 SL/12 | 100 V | 100.0 W |
| 928487100096 | SON-T 150W E E40 SL/12 | 100 V | 153 W |
| 928487200098 | SON-T 250W E E40 SL/12 | 100 V | 255 W |

| Order Code | Full Product Name | Voltage (Nom) | Power Consumption |
|--------------|--------------------------|---------------|-------------------|
| 928487300098 | SON-T 400W E E40 SL/12 | 100 V | 392.0 W |
| 928152800035 | SON-T 70W/220 E27 1CT/12 | 90 V | 70.0 W |

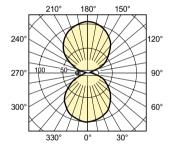
Mechanical and Housing

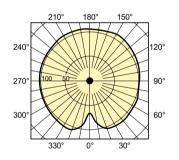
| Order Code | Full Product Name | Bulb Shape |
|--------------|------------------------|------------|
| 928481500092 | SON-T 100W E E40 SL/12 | T46 |
| 928487100096 | SON-T 150W E E40 SL/12 | T46 |
| 928487200098 | SON-T 250W E E40 SL/12 | T46 |

| Order Code | Full Product Name | Bulb Shape |
|--------------|--------------------------|------------|
| 928487300098 | SON-T 400W E E40 SL/12 | T46 |
| 928152800035 | SON-T 70W/220 E27 1CT/12 | T35 |

Approval and Application

| | | Energy Consumption | Mercury (Hg) |
|--------------|--------------------------|---------------------------|---------------|
| Order Code | Full Product Name | kWh/1000 h | Content (Nom) |
| 928481500092 | SON-T 100W E E40 SL/12 | 110 kWh | 18.36 mg |
| 928487100096 | SON-T 150W E E40 SL/12 | 162 kWh | 20.4 mg |
| 928487200098 | SON-T 250W E E40 SL/12 | 275 kWh | 20.4 mg |
| 928487300098 | SON-T 400W E E40 SL/12 | 431 kWh | 24.5 mg |
| 928152800035 | SON-T 70W/220 E27 1CT/12 | 77 kWh | 16.3 mg |







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