# **PHILIPS** Lighting



# **Product Description**

## SON-T

High Pressure Sodium lamp with clear tubular outer bulb

#### Benefits

- $\cdot$  SON-T is a cost-efficient and reliable solution in High Pressure Sodium
- $\cdot$  SON-T Pro is a cost-efficient and reliable solution in High Pressure Sodium

#### Features

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

#### Application

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

#### Warnings and Safety

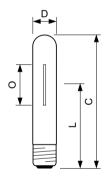
- Control gear must include end-of-life protection (IEC60662, IEC 62035)
- Control gear must include end-of-life protection (IEC60662, IEC 62035)
- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably 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.
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#### Versions



LPPR SON-T E40

#### **Dimensional drawing**



| Product                 | D (max) | 0      | L      | C (max) |
|-------------------------|---------|--------|--------|---------|
| SON-T 1000W E E40 1SL/4 | 66 mm   | 145 mm | 240 mm | 390 mm  |
| SON-T 250W E E40 SL/12  | 47 mm   | 66 mm  | 158 mm | 255 mm  |

### SON-T

| General Information                |           |
|------------------------------------|-----------|
| Cap-Base                           | E40       |
| Operating Position                 | UNIVERSAL |
|                                    |           |
| Light Technical                    |           |
| Correlated Color Temperature (Nom) | 2000 K    |
| Color rendering index (CRI)        | -         |
|                                    |           |
| Operating and Electrical           |           |
| Voltage (Nom)                      | 100 V     |
|                                    |           |
| Controls and Dimming               |           |
| Dimmable                           | Yes       |
|                                    |           |
| Mechanical and Housing             |           |
| Bulb Finish                        | Clear     |
|                                    |           |

#### Light Technical

| Order Code   | Full Product Name      | Luminous Efficacy (rated) (Nom) | Order Code   | Full Product Name       | Luminous Efficacy (rated) (Nom) |
|--------------|------------------------|---------------------------------|--------------|-------------------------|---------------------------------|
| 928487200098 | SON-T 250W E E40 SL/12 | 110 lm/W                        | 928487400091 | SON-T 1000W E E40 1SL/4 | 130 lm/W                        |

#### **Operating and Electrical**

| Order Code   | Full Product Name      | Power Consumption |
|--------------|------------------------|-------------------|
| 928487200098 | SON-T 250W E E40 SL/12 | 255 W             |

| Order Code   | Full Product Name       | Power Consumption |
|--------------|-------------------------|-------------------|
| 928487400091 | SON-T 1000W E E40 1SL/4 | 960.0 W           |

#### Mechanical and Housing

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

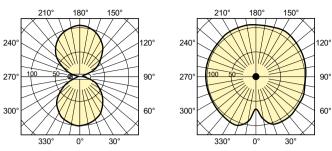
| Order Code   | Full Product Name       | Bulb Shape |
|--------------|-------------------------|------------|
| 928487400091 | SON-T 1000W E E40 1SL/4 | T65        |

#### Approval and Application

|              |                         | Energy Consumption | Mercury (Hg)  |
|--------------|-------------------------|--------------------|---------------|
| Order Code   | Full Product Name       | kWh/1000 h         | Content (Nom) |
| 928487200098 | SON-T 250W E E40 SL/12  | 275 kWh            | 20.4 mg       |
| 928487400091 | SON-T 1000W E E40 1SL/4 | 1,056 kWh          | 22.65 mg      |



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