



## Product Description

High Pressure Sodium lamp with clear tubular outer bulb

### Benefits

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

### Applications

- Road and residential lighting
- Decorative floodlighting
- Commercial and industrial applications
- Recreational sports facilities Outdoor and Indoor

### 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
- 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**

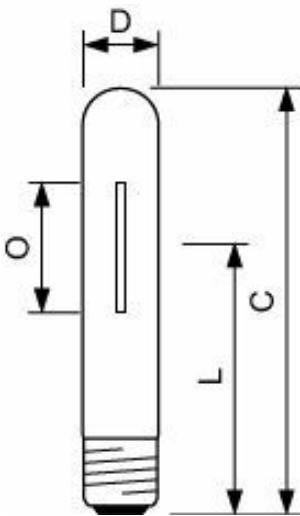


LPPR SON-T E40



LPPR SON-T E27

**Dimensional drawing**



| Product                  | D (max) | O      | L      | C (max) |
|--------------------------|---------|--------|--------|---------|
| SON-T 1000W E40 1SL/4    | 66 mm   | 153 mm | 240 mm | 390 mm  |
| 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**

Operating Position
 UNIVERSAL [Any or Universal (U)]

**Light Technical**

|                                    |        |
|------------------------------------|--------|
| Chromaticity Coordinate X (Nom)    | 0.540  |
| Chromaticity Coordinate Y (Nom)    | 0.413  |
| Correlated Color Temperature (Nom) | 2000 K |
| Color rendering index (CRI)        | -      |

**Controls and Dimming**

Dimmable
 Yes

**Mechanical and Housing**

Bulb Finish
 Clear

## Approval and Application

Mercury (Hg) Content (Max) 14.3 mg

## General Information

| Order Code | Full Product Name        | Cap-Base |
|------------|--------------------------|----------|
| 18412245   | SON-T 1000W E40 1SL/4    | E40      |
| 21264500   | SON-T 100W E E40 SL/12   | E40      |
| 21270600   | SON-T 150W E E40 SL/12   | E40      |
| 21288100   | SON-T 250W E E40 SL/12   | E40      |
| 21292800   | SON-T 400W E E40 1SL/12  | E40      |
| 19267715   | SON-T 70W/220 E27 1CT/12 | E27      |

## Light Technical

| Order Code | Full Product Name        | Luminous Efficacy (rated) (Nom) |
|------------|--------------------------|---------------------------------|
| 18412245   | SON-T 1000W E40 1SL/4    | 130 lm/W                        |
| 21264500   | SON-T 100W E E40 SL/12   | 90 lm/W                         |
| 21270600   | SON-T 150W E E40 SL/12   | 98 lm/W                         |
| 21288100   | SON-T 250W E E40 SL/12   | 110 lm/W                        |
| 21292800   | SON-T 400W E E40 1SL/12  | 123 lm/W                        |
| 19267715   | SON-T 70W/220 E27 1CT/12 | 84 lm/W                         |

## Operating and Electrical

| Order Code | Full Product Name        | Power Consumption | Voltage (Nom) |
|------------|--------------------------|-------------------|---------------|
| 18412245   | SON-T 1000W E40 1SL/4    | 960.0 W           | 100 V         |
| 21264500   | SON-T 100W E E40 SL/12   | 100.0 W           | 100 V         |
| 21270600   | SON-T 150W E E40 SL/12   | 153 W             | 100 V         |
| 21288100   | SON-T 250W E E40 SL/12   | 255 W             | 100 V         |
| 21292800   | SON-T 400W E E40 1SL/12  | 392.0 W           | 100 V         |
| 19267715   | SON-T 70W/220 E27 1CT/12 | 70.0 W            | 90 V          |

## Mechanical and Housing

| Order Code | Full Product Name        | Bulb Shape |
|------------|--------------------------|------------|
| 18412245   | SON-T 1000W E40 1SL/4    | T65        |
| 21264500   | SON-T 100W E E40 SL/12   | T46        |
| 21270600   | SON-T 150W E E40 SL/12   | T46        |
| 21288100   | SON-T 250W E E40 SL/12   | T46        |
| 21292800   | SON-T 400W E E40 1SL/12  | T46        |
| 19267715   | SON-T 70W/220 E27 1CT/12 | T35        |

## Approval and Application

| Order Code | Full Product Name        | Mercury (Hg) Content (Nom) | Energy Consumption kWh/1000 h |
|------------|--------------------------|----------------------------|-------------------------------|
| 18412245   | SON-T 1000W E40 1SL/4    | 23 mg                      | 1,056 kWh                     |
| 21264500   | SON-T 100W E E40 SL/12   | 18.36 mg                   | 110 kWh                       |
| 21270600   | SON-T 150W E E40 SL/12   | 20.4 mg                    | 162 kWh                       |
| 21288100   | SON-T 250W E E40 SL/12   | 20.4 mg                    | 275 kWh                       |
| 21292800   | SON-T 400W E E40 1SL/12  | 24.5 mg                    | 431 kWh                       |
| 19267715   | SON-T 70W/220 E27 1CT/12 | 14.3 mg                    | 77 kWh                        |