



# Product Description

## SON

High Pressure Sodium lamp with opalized ovoid outer bulb

### Benefits

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

### Features

- Ovoid, internally white coated 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
- Commercial and industrial applications

### 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

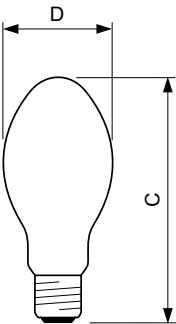


LPPR SON E27 E26



LPPR SON-I CO

Dimensional drawing



| Product                  | D (max) | C (max) |
|--------------------------|---------|---------|
| SON 70W E E27 CO 1CT/24  | 71 mm   | 156 mm  |
| SON 70W/220 I E27 1CT/24 | 71 mm   | 155 mm  |

| General Information                |              |
|------------------------------------|--------------|
| Cap-Base                           | E27          |
| Operating Position                 | UNIVERSAL    |
| Light Technical                    |              |
| Correlated Color Temperature (Nom) | 1900 K       |
| Color rendering index (CRI)        | -            |
| Controls and Dimming               |              |
| Dimmable                           | Yes          |
| Mechanical and Housing             |              |
| Bulb Finish                        | Coated glass |
| Approval and Application           |              |
| Mercury (Hg) Content (Max)         | 14.3 mg      |
| Mercury (Hg) Content (Nom)         | 14.3 mg      |

Light Technical

| Order Code   | Full Product Name        | Chromaticity Coordinate X (Nom) | Chromaticity Coordinate Y (Nom) | Luminous Efficacy (rated) (Nom) | Luminous Flux |
|--------------|--------------------------|---------------------------------|---------------------------------|---------------------------------|---------------|
| 928486700091 | SON 70W E E27 CO 1CT/24  | 0.540                           | 0.420                           | 80 lm/W                         | -             |
| 928150108828 | SON 70W/220 I E27 1CT/24 | 0.54                            | 0.42                            | 78 lm/W                         | 5,600 lm      |

Operating and Electrical

| Order Code   | Full Product Name       | Voltage (Nom) | Power Consumption |
|--------------|-------------------------|---------------|-------------------|
| 928486700091 | SON 70W E E27 CO 1CT/24 | 95 V          | 72.5 W            |

| Order Code   | Full Product Name        | Voltage (Nom) | Power Consumption |
|--------------|--------------------------|---------------|-------------------|
| 928150108828 | SON 70W/220 I E27 1CT/24 | 90 V          | 71.5 W            |

Mechanical and Housing

| Order Code   | Full Product Name       | Bulb Shape |
|--------------|-------------------------|------------|
| 928486700091 | SON 70W E E27 CO 1CT/24 | BF70       |

| Order Code   | Full Product Name        | Bulb Shape |
|--------------|--------------------------|------------|
| 928150108828 | SON 70W/220 I E27 1CT/24 | B70        |

Approval and Application

| Order Code   | Full Product Name        | Energy Consumption kWh/1000 h |
|--------------|--------------------------|-------------------------------|
| 928486700091 | SON 70W E E27 CO 1CT/24  | 73 kWh                        |
| 928150108828 | SON 70W/220 I E27 1CT/24 | 72 kWh                        |

