

# PHILIPS

SON

DSO



## Product Description

High Pressure Sodium lamp with opalized ovoid outer bulb

### Benefits

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

### Applications

- Road and residential lighting
- Decorative floodlighting
- Commercial and industrial applications

### Features

- Ovoid, internally white coated outer bulb
- High luminous efficacy

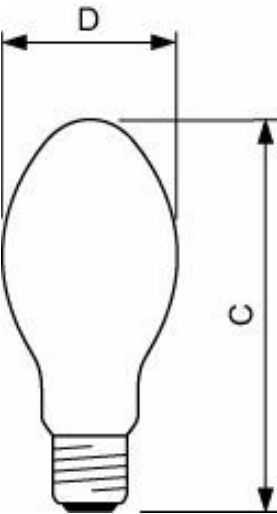
- Robust construction is vibration- and shock-resistant leading to a reliable life
- Dimming possible with dedicated gear
- Control gear must include end-of-life protection (IEC60662, IEC 62035)
- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the 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-I CO

**Dimensional drawing**



| Product                  | D (max) | C (max) |
|--------------------------|---------|---------|
| SON 50W/220 I E27 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 [Any or Universal (U)] |

**Light Technical**

|                                    |        |
|------------------------------------|--------|
| Chromaticity Coordinate X (Nom)    | 0.54   |
| Chromaticity Coordinate Y (Nom)    | 0.42   |
| Correlated Color Temperature (Nom) | 1900 K |
| Color rendering index (CRI)        | -      |

**Controls and Dimming**

|          |     |
|----------|-----|
| Dimmable | Yes |
|----------|-----|

## Mechanical and Housing

|             |              |
|-------------|--------------|
| Bulb Finish | Coated glass |
| Bulb Shape  | B70          |

## Light Technical

| Order Code   | Full Product Name        | Luminous Flux | Luminous Efficacy (rated) (Nom) |
|--------------|--------------------------|---------------|---------------------------------|
| 928150108828 | SON 70W/220 I E27 1CT/24 | 5,600 lm      | 78 lm/W                         |
| 928150808828 | SON 50W/220 I E27 1CT/24 | 3,700 lm      | 70 lm/W                         |

## Operating and Electrical

| Order Code   | Full Product Name        | Power Consumption | Voltage (Nom) |
|--------------|--------------------------|-------------------|---------------|
| 928150108828 | SON 70W/220 I E27 1CT/24 | 71.5 W            | 90 V          |
| 928150808828 | SON 50W/220 I E27 1CT/24 | 52.5 W            | 85 V          |

## Approval and Application

| Order Code   | Full Product Name        | Mercury (Hg) Content (Max) | Mercury (Hg) Content (Nom) | Energy Consumption kWh/1000 h |
|--------------|--------------------------|----------------------------|----------------------------|-------------------------------|
| 928150108828 | SON 70W/220 I E27 1CT/24 | 14.3 mg                    | 14.3 mg                    | 72 kWh                        |
| 928150808828 | SON 50W/220 I E27 1CT/24 | 12 mg                      | 12 mg                      | 53 kWh                        |