

# PHILIPS

SON

DSO



## Product Description

High Pressure Sodium lamp with opalized ovoid outer bulb

### Benefits

- SON 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

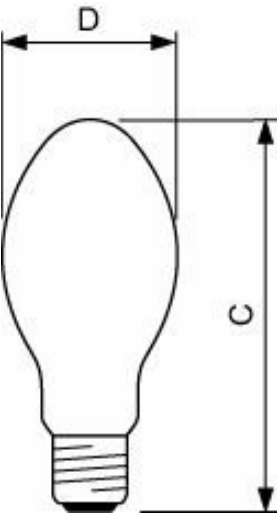
- Robust construction is vibration- and shock-resistant leading to a reliable life
- Dimming possible with dedicated gear
- Control gear must include end-of-life protection (IEC60662, IEC 62035)
- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the 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 70W/220 I E27 1CT/24 | 71 mm   | 155 mm  |

|                                    |                                  |
|------------------------------------|----------------------------------|
| <b>General Information</b>         |                                  |
| Cap-Base                           | E27                              |
| Operating Position                 | UNIVERSAL [Any or Universal (U)] |
| <b>Light Technical</b>             |                                  |
| Luminous Flux                      | 5,600 lm                         |
| Chromaticity Coordinate X (Nom)    | 0.54                             |
| Chromaticity Coordinate Y (Nom)    | 0.42                             |
| Correlated Color Temperature (Nom) | 1900 K                           |
| Luminous Efficacy (rated) (Nom)    | 78 lm/W                          |
| Color rendering index (CRI)        | -                                |
| <b>Operating and Electrical</b>    |                                  |
| Power Consumption                  | 71.5 W                           |
| Voltage (Nom)                      | 90 V                             |

### Controls and Dimming

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

### Mechanical and Housing

|             |              |
|-------------|--------------|
| Bulb Finish | Coated glass |
|-------------|--------------|

|            |     |
|------------|-----|
| Bulb Shape | B70 |
|------------|-----|

### Approval and Application

|                            |         |
|----------------------------|---------|
| Mercury (Hg) Content (Max) | 14.3 mg |
|----------------------------|---------|

|                            |         |
|----------------------------|---------|
| Mercury (Hg) Content (Nom) | 14.3 mg |
|----------------------------|---------|

|                               |        |
|-------------------------------|--------|
| Energy Consumption kWh/1000 h | 72 kWh |
|-------------------------------|--------|