



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

Features

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

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

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.
- 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

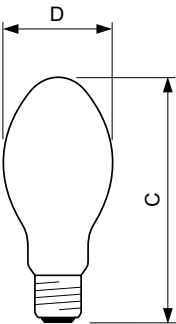


LPPR SON E27 E26



LPPR SON E40 E39

Dimensional drawing



| Product | D (max) | C (max) |
|--------------------------|---------|---------|
| SON 100W E E40 CO 1SL | 76 mm | 186 mm |
| SON 150W E E40 CO 1SL/12 | 91 mm | 226 mm |
| SON 250W E E40 CO 1SL/12 | 91 mm | 226 mm |
| SON 400W E E40 CO 1SL/12 | 122 mm | 290 mm |
| SON 70W E E27 CO 1CT/24 | 71 mm | 156 mm |

| General Information | |
|-----------------------------|--------------|
| Operating Position | UNIVERSAL |
| Light Technical | |
| Color rendering index (CRI) | - |
| Controls and Dimming | |
| Dimmable | Yes |
| Mechanical and Housing | |
| Bulb Finish | Coated glass |

General Information

| Order Code | Full Product Name | Cap-Base |
|--------------|--------------------------|----------|
| 928486700091 | SON 70W E E27 CO 1CT/24 | E27 |
| 928486800091 | SON 150W E E40 CO 1SL/12 | E40 |
| 928486900091 | SON 250W E E40 CO 1SL/12 | E40 |

| Order Code | Full Product Name | Cap-Base |
|--------------|--------------------------|----------|
| 928487000091 | SON 400W E E40 CO 1SL/12 | E40 |
| 928490000091 | SON 100W E E40 CO 1SL | E40 |

Light Technical

| | Full Product Name | Chromaticity Coordinate X (Nom) | Chromaticity Coordinate Y (Nom) | Correlated Color Temperature (Nom) | Luminous Efficacy (rated) (Nom) |
|--------------|--------------------------|---------------------------------|---------------------------------|------------------------------------|---------------------------------|
| 928486700091 | SON 70W E E27 CO 1CT/24 | 0.540 | 0.420 | 1900 K | 80 lm/W |
| 928486800091 | SON 150W E E40 CO 1SL/12 | - | - | 2000 K | 93 lm/W |
| 928486900091 | SON 250W E E40 CO 1SL/12 | - | - | 2000 K | 106 lm/W |

| | Full Product Name | Chromaticity Coordinate X (Nom) | Chromaticity Coordinate Y (Nom) | Correlated Color Temperature (Nom) | Luminous Efficacy (rated) (Nom) |
|--------------|--------------------------|---------------------------------|---------------------------------|------------------------------------|---------------------------------|
| 928487000091 | SON 400W E E40 CO 1SL/12 | - | - | 2000 K | 122 lm/W |
| 928490000091 | SON 100W E E40 CO 1SL | - | - | 1900 K | 85 lm/W |

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 |
| 928486800091 | SON 150W E E40 CO 1SL/12 | 100 V | 147.0 W |
| 928486900091 | SON 250W E E40 CO 1SL/12 | 100 V | 250 W |

| Order Code | Full Product Name | Voltage (Nom) | Power Consumption |
|--------------|--------------------------|---------------|-------------------|
| 928487000091 | SON 400W E E40 CO 1SL/12 | 105 V | 400.0 W |
| 928490000091 | SON 100W E E40 CO 1SL | 100 V | 100.0 W |

Mechanical and Housing

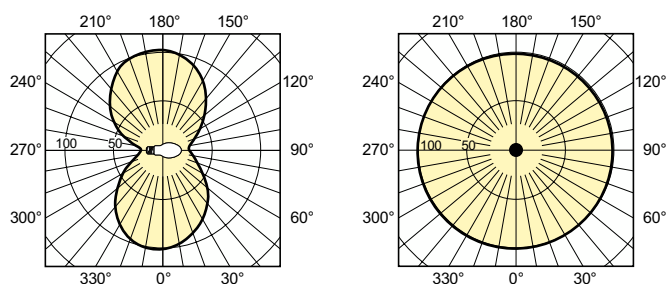
| Order Code | Full Product Name | Bulb Shape |
|--------------|--------------------------|------------|
| 928486700091 | SON 70W E E27 CO 1CT/24 | BF70 |
| 928486800091 | SON 150W E E40 CO 1SL/12 | ED90 |
| 928486900091 | SON 250W E E40 CO 1SL/12 | ED90 |

| Order Code | Full Product Name | Bulb Shape |
|--------------|--------------------------|------------|
| 928487000091 | SON 400W E E40 CO 1SL/12 | ED120 |
| 928490000091 | SON 100W E E40 CO 1SL | ED75 |

Approval and Application

| Order Code | Full Product Name | Energy Consumption kWh/1000 h | Mercury (Hg) Content (Max) | Mercury (Hg) Content (Nom) |
|--------------|--------------------------|-------------------------------|----------------------------|----------------------------|
| 928486700091 | SON 70W E E27 CO 1CT/24 | 73 kWh | 16.3 mg | 16.3 mg |
| 928486800091 | SON 150W E E40 CO 1SL/12 | 162 kWh | - | 20.4 mg |
| 928486900091 | SON 250W E E40 CO 1SL/12 | 275 kWh | - | 20.4 mg |
| 928487000091 | SON 400W E E40 CO 1SL/12 | 440 kWh | - | 24.5 mg |

| Order Code | Full Product Name | Energy Consumption kWh/1000 h | Mercury (Hg) Content (Max) | Mercury (Hg) Content (Nom) |
|--------------|-----------------------|-------------------------------|----------------------------|----------------------------|
| 928490000091 | SON 100W E E40 CO 1SL | 110 kWh | - | 20.2 mg |



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