

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

Applications

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

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
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- Dimming possible with dedicated gear
- Dimming possible with dedicated gear

- Control gear must include end-of-life protection (IEC60662, IEC 62035)
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- 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.
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Versions

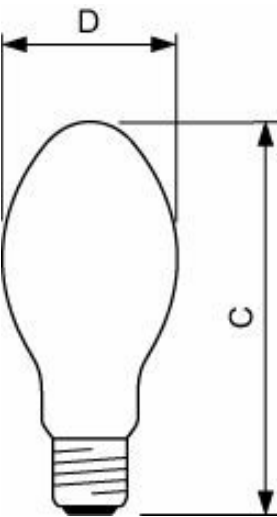


LPPR SON E27 E26



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 [Any or Universal (U)]

Light Technical

Luminous Flux	5,600 lm
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)
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

Operating and Electrical

Order Code	Full Product Name	Power Consumption	Voltage (Nom)
928486700091	SON 70W E E27 CO 1CT/24	72.5 W	95 V
928150108828	SON 70W/220 I E27 1CT/24	71.5 W	90 V

Mechanical and Housing

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