

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 E27 E26

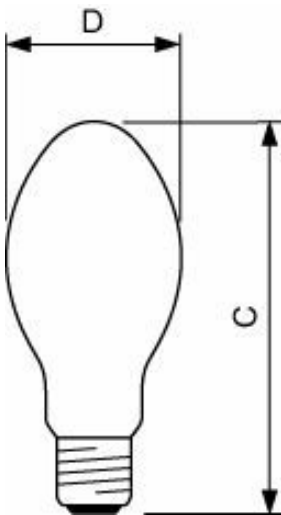


LPPR SON E40 E39



LPPR SON-I CO

Dimensional drawing



Product	D (max)	C (max)
SON 150W E E40 CO 1SL/12	91 mm	226 mm
SON 70W E E27 CO 1CT/24	71 mm	156 mm
SON 70W/220 I E27 1CT/24	71 mm	155 mm

General Information

Operating Position	UNIVERSAL [Any or Universal (U)]
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Light Technical

Luminous Flux	5,600 lm
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Color rendering index (CRI)	-
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Controls and Dimming

Dimmable	Yes
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Mechanical and Housing

Bulb Finish	Coated glass
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Approval and Application

Mercury (Hg) Content (Max)	14.3 mg
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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
928150108828	SON 70W/220 I E27 1CT/24	E27

Light Technical

Order Code	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
928150108828	SON 70W/220 I E27 1CT/24	0.54	0.42	1900 K	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
928486800091	SON 150W E E40 CO 1SL/12	147.0 W	100 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
928486800091	SON 150W E E40 CO 1SL/12	ED90
928150108828	SON 70W/220 I E27 1CT/24	B70

Approval and Application

Order Code	Full Product Name	Mercury (Hg) Content (Nom)	Energy Consumption kWh/1000 h
928486700091	SON 70W E E27 CO 1CT/24	14.3 mg	73 kWh
928486800091	SON 150W E E40 CO 1SL/12	20.4 mg	162 kWh
928150108828	SON 70W/220 I E27 1CT/24	14.3 mg	72 kWh