



Product Description

SON

High Pressure Sodium lamp with opalized ovoid outer bulb

Benefits

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

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

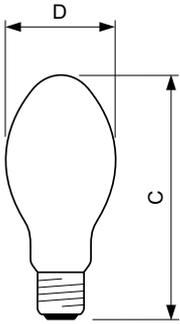
Application

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

Warnings and Safety

- 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.

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

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
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Mechanical and Housing

Bulb Finish	Coated glass
Bulb Shape	B70

Light Technical

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

Operating and Electrical

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

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

Approval and Application

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

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

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www.lighting.philips.com
2023, August 2 - data subject to change