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
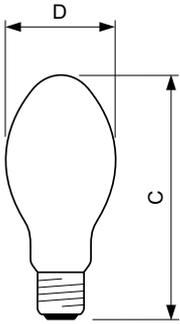· Dimming possible with dedicated gear

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.

SON

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

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

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

SON

PHILIPS

www.lighting.philips.com

2023, August 2 – data subject to change