



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

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.

Versions

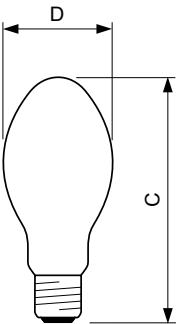


LPPR SON E27 E26



LPPR SON-I CO

Dimensional drawing



Product	D (max)	C (max)
SON 50W/220 E27 1CT/24	71 mm	156 mm
SON 50W/220 I E27 1CT/24	71 mm	156 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	
Cap-Base	E27
Operating Position	UNIVERSAL
Light Technical	
Correlated Color Temperature (Nom)	1900 K
Color rendering index (CRI)	-
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Finish	Coated glass

Light Technical

Order Code	Full Product Name	Chromaticity	Chromaticity	Luminous	Luminous Flux
		Coordinate X (Nom)	Coordinate Y (Nom)	Efficacy (rated) (Nom)	
18195430	SON 50W/220 E27 1CT/24	0.540	0.420	68 lm/W	3,600 lm
21024130	SON 70W E E27 CO 1CT/24	0.540	0.420	80 lm/W	-

Order Code	Full Product Name	Chromaticity	Chromaticity	Luminous	Luminous Flux
		Coordinate X (Nom)	Coordinate Y (Nom)	Efficacy (rated) (Nom)	
18186230	SON 70W/220 I E27 1CT/24	0.54	0.42	78 lm/W	5,600 lm

Order Code	Full Product Name	Chromaticity		Luminous	
		Coordinate X	Coordinate Y	Efficacy	Luminous Flux
		(Nom)	(Nom)	(rated)	
18189330	SON 50W/220 I E27 1CT/24	0.54	0.42	70 lm/W	3,700 lm

Operating and Electrical

Order Code	Full Product Name	Voltage (Nom)	Power Consumption
18195430	SON 50W/220 E27 1CT/24	85 V	53.0 W
21024130	SON 70W E E27 CO 1CT/24	95 V	72.5 W

Order Code	Full Product Name	Voltage (Nom)	Power Consumption
18186230	SON 70W/220 I E27 1CT/24	90 V	71.5 W
18189330	SON 50W/220 I E27 1CT/24	85 V	52.5 W

Mechanical and Housing

Order Code	Full Product Name	Bulb Shape
18195430	SON 50W/220 E27 1CT/24	BF70
21024130	SON 70W E E27 CO 1CT/24	BF70

Order Code	Full Product Name	Bulb Shape
18186230	SON 70W/220 I E27 1CT/24	B70
18189330	SON 50W/220 I E27 1CT/24	B70

Approval and Application

Order Code	Full Product Name	Energy	Mercury (Hg)	Mercury (Hg)
		Consumption kWh/ 1000 h	Content (Max)	Content (Nom)
18195430	SON 50W/220 E27 1CT/24	53 kWh	9.8 mg	9.8 mg
21024130	SON 70W E E27 CO 1CT/24	73 kWh	16.3 mg	16.3 mg
18186230	SON 70W/220 I E27 1CT/24	72 kWh	16.3 mg	16.3 mg
18189330	SON 50W/220 I E27 1CT/24	53 kWh	12 mg	12 mg

