



# Product Description

## SON H

High Pressure Sodium lamp with opalized outer bulb retrofit for High Pressure Mercury lamps

### Benefits

- Instant and cost-effective upgrade of light level and reduction of energy use replacing HPL

### Features

- Direct replacement for mercury lamps as they operate on the same control gear
- High luminous efficacy
- Robust construction is vibration- and shock-resistant leading to a reliable life

### Application

- Road and residential lighting
- Commercial and industrial applications

### Warnings and Safety

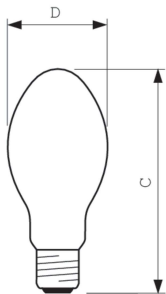
- For use with control gear designed for high-pressure mercury lamps
- For outdoor use only
- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

Versions



LPPR SON-H E27

Dimensional drawing



Product	D (max)	C (max)
SON H 110W I E27 1CT/24	71 mm	156 mm
SON H 220W/220 E40 1SL/12	91 mm	227 mm
SON H 350W/220 E40 1SL/12	122 mm	290 mm

General Information	
Operating Position	UNIVERSAL
Light Technical	
Correlated Color Temperature (Nom)	2000 K
Color rendering index (CRI)	-
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Coated glass

General Information

Order Code	Full Product Name	Cap-Base
18207415	SON H 220W/220 E40 1SL/12	E40
18213515	SON H 350W/220 E40 1SL/12	E40

Order Code	Full Product Name	Cap-Base
11857200	SON H 110W I E27 1CT/24	E27

Light Technical

Order Code	Full Product Name	Chromaticity	Chromaticity	Luminous
		Coordinate X (Nom)	Coordinate Y (Nom)	Efficacy (rated) (Nom)
18207415	SON H 220W/220 E40 1SL/12	0.530	0.410	85 lm/W
18213515	SON H 350W/220 E40 1SL/12	0.525	0.415	98 lm/W

Operating and Electrical

Order Code	Full Product Name	Voltage (Nom)	Power Consumption
18207415	SON H 220W/220 E40 1SL/12	120 V	218.0 W
18213515	SON H 350W/220 E40 1SL/12	117 V	350.0 W

Mechanical and Housing

Order Code	Full Product Name	Bulb Shape
18207415	SON H 220W/220 E40 1SL/12	BD90
18213515	SON H 350W/220 E40 1SL/12	BD120

Approval and Application

Order Code	Full Product Name	Energy Consumption	Mercury (Hg)
		kWh/1000 h	Content (Nom)
18207415	SON H 220W/220 E40 1SL/12	237 kWh	28.6 mg
18213515	SON H 350W/220 E40 1SL/12	385 kWh	28.6 mg

Order Code	Full Product Name	Chromaticity	Chromaticity	Luminous
		Coordinate X (Nom)	Coordinate Y (Nom)	Efficacy (rated) (Nom)
11857200	SON H 110W I E27 1CT/24	545	391	84 lm/W

Order Code	Full Product Name	Voltage (Nom)	Power Consumption
11857200	SON H 110W I E27 1CT/24	107 V	110.0 W

Order Code	Full Product Name	Bulb Shape
11857200	SON H 110W I E27 1CT/24	BF70

Order Code	Full Product Name	Energy Consumption	Mercury (Hg)
		kWh/1000 h	Content (Nom)
11857200	SON H 110W I E27 1CT/24	121 kWh	22.2 mg

