



# 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.

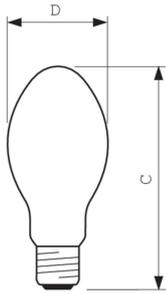
# SON H

## Versions



LPPR SON-H E40

## Dimensional drawing



Product	D (max)	C (max)
SON H 220W/220 E40 1SL/12	91 mm	227 mm
SON H 350W/220 E40 1SL/12	122 mm	290 mm

### General Information

Cap-Base	E40
Operating Position	UNIVERSAL

### Light Technical

Correlated Color Temperature (Nom)	2000 K
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### Controls and Dimming

Dimmable	No
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### Mechanical and Housing

Bulb Finish	Coated glass
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### Approval and Application

Mercury (Hg) Content (Nom)	28.6 mg
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## Light Technical

Order Code	Full Product Name	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	Luminous Efficacy (rated) (Nom)
928152409830	SON H 220W/220 E40 1SL/12	0.530	0.410	85 lm/W

Order Code	Full Product Name	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	Luminous Efficacy (rated) (Nom)
928153509830	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
928152409830	SON H 220W/220 E40 1SL/12	120 V	218.0 W

Order Code	Full Product Name	Voltage (Nom)	Power Consumption
928153509830	SON H 350W/220 E40 1SL/12	117 V	350.0 W

## Mechanical and Housing

Order Code	Full Product Name	Bulb Shape
928152409830	SON H 220W/220 E40 1SL/12	BD90

Order Code	Full Product Name	Bulb Shape
928153509830	SON H 350W/220 E40 1SL/12	BD120

## Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
928152409830	SON H 220W/220 E40 1SL/12	237 kWh

Order Code	Full Product Name	Energy Consumption kWh/1000 h
928153509830	SON H 350W/220 E40 1SL/12	385 kWh

