



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

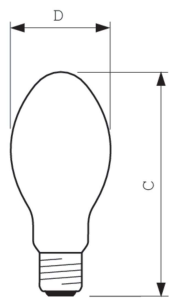
Application

- 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.

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
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Coated glass
Approval and Application	
Mercury (Hg) Content (Nom)	28.6 mg

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

Order Code	Full Product Name	Chromaticity	Chromaticity	Luminous
		Coordinate X (Nom)	Coordinate Y (Nom)	Efficacy (rated) (Nom)
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

Order Code	Full Product Name	Voltage (Nom)	Power Consumption
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

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

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
18207415	SON H 220W/220 E40 1SL/12	237 kWh

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Order Code	Full Product Name	Energy Consumption kWh/1000 h
18213515	SON H 350W/220 E40 1SL/12	385 kWh

