PHILIPS Lighting



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

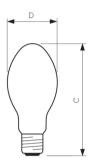
Application

- \cdot Road and residential lighting
- \cdot Commercial and industrial applications

Warnings and Safety

- \cdot 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

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

Operating and Electrical

Order Code	Full Product Name	Voltage (Nom)	Power Consumption	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	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 kWh/1000 h
18207415	SON H 220W/220 E40 1SL/12	237 kWh

SON H

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



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www.lighting.philips.com 2023, August 2 - data subject to change