

SON High pressure sodium

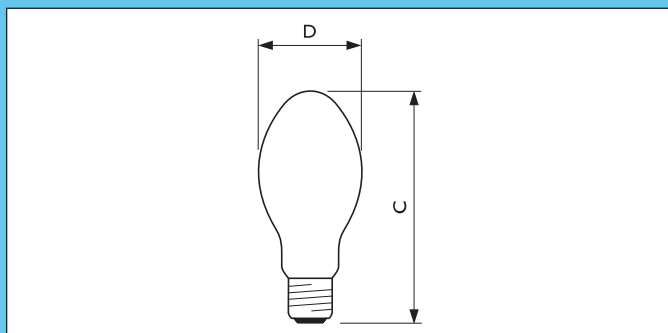


SON H E40



SON H E27

Dimensions in mm



Product Description

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

Product Feature

- 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

Product Benefit

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

Application

- Road and residential lighting
- Commercial and industrial applications

System

- Require an HPL ballast without ignitors.

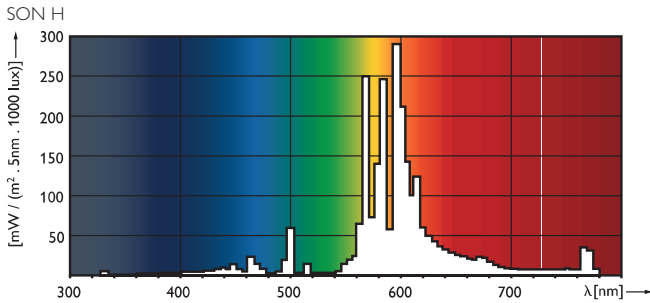
Product ID	Overall length	Diameter
	C max.	D max.
110W	169	71
350W	290	122

Preferred selection

Product ID	Rated Lamp Wattage (W)	Lamp Current EL (A)	Lamp Voltage (V)	Cap Base	Color Temperature (K)	Color Rendering Index (Ra)	Chromaticity Coordinate X	Chromaticity Coordinate Y
SON H Pro 110W E27 SLV	110	1.29	109	E27	2000	25	532	416
SON H Pro 350W E40 SLV	350	3.6	117	E40	2000	25	525	415

Product ID	Bulb Finish	Luminous Flux Lamp EM/CuFe (lm)	Luminous Efficacy Lamp EM (lm/W)	Ignition Supply Voltage (V)	Cap-Base Temperature (C)	Bulb Temperature (C)	Nett Weight Product In Grams (gr)
SON H Pro 110W E27 SLV	Coated	10400	92	198	200	350	60
SON H Pro 350W E40 SLV	Coated	34000	97	190	250	350	250

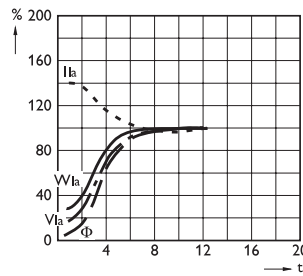
Spectral power distribution



Performance diagrams

SON H Pro

Lamp performance during run up



- I_{la} = Lamp current
- Φ = Luminous Flux
- V_{la} = Lamp Voltage
- W_{la} = Lamp Wattage

Effects of mains voltage variations

