



# Product Description

## SON

High Pressure Sodium lamp with opalized ovoid outer bulb

### Benefits

- SON is a cost-efficient and reliable solution in High Pressure Sodium
- SON Pro is a cost-efficient and reliable solution in High Pressure Sodium

### Features

- Ovoid, internally white coated outer bulb
- Ovoid, internally white coated outer bulb
- High luminous efficacy
- High luminous efficacy
- Robust construction is vibration- and shock-resistant leading to a reliable life
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- Dimming possible with dedicated gear
- Dimming possible with dedicated gear

### Application

- Road and residential lighting
- Road and residential lighting
- Decorative floodlighting
- Decorative floodlighting
- Commercial and industrial applications
- Commercial and industrial applications

### Warnings and Safety

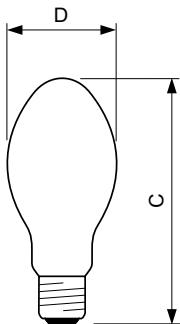
- Control gear must include end-of-life protection (IEC60662, IEC 62035)
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- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.
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## Versions



LPPR SON-1 CO

## Dimensional drawing



Product	D (max)	C (max)
SON 150W E E40 CO 1SL/12	91 mm	226 mm
SON 250W E E40 CO 1SL/12	91 mm	226 mm
SON 70W/220 I E27 1CT/24	71 mm	155 mm

General Information	
Operating Position	UNIVERSAL
Light Technical	
Color rendering index (CRI)	-
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Finish	Coated glass

## General Information

Order Code	Full Product Name	Cap-Base
928486800091	SON 150W E E40 CO 1SL/12	E40
928486900091	SON 250W E E40 CO 1SL/12	E40

Order Code	Full Product Name	Cap-Base
928150108828	SON 70W/220 I E27 1CT/24	E27

## Light Technical

Order Code	Full Product Name	Chromaticity Coordinate			Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)		Luminous Flux
		X (Nom)	Y (Nom)	(Nom)		Luminous Efficacy (rated) (Nom)	Luminous Flux	
928486800091	SON 150W E E40 CO 1SL/12	-	-	2000 K	93 lm/W	-	-	

Order Code	Full Product Name	Chromaticity Coordinate		Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux
		X (Nom)	Y (Nom)			
928486900091	SON 250W E E40 CO 1SL/12	-	-	2000 K	106 lm/W	-
928150108828	SON 70W/220 I E27 1CT/24	0.54	0.42	1900 K	78 lm/W	5,600 lm

### Operating and Electrical

Order Code	Full Product Name	Voltage (Nom)	Power Consumption
928486800091	SON 150W E E40 CO 1SL/12	100 V	147.0 W
928486900091	SON 250W E E40 CO 1SL/12	100 V	250 W

Order Code	Full Product Name	Voltage (Nom)	Power Consumption
928150108828	SON 70W/220 I E27 1CT/24	90 V	71.5 W

### Mechanical and Housing

Order Code	Full Product Name	Bulb Shape
928486800091	SON 150W E E40 CO 1SL/12	ED90
928486900091	SON 250W E E40 CO 1SL/12	ED90

Order Code	Full Product Name	Bulb Shape
928150108828	SON 70W/220 I E27 1CT/24	B70

### Approval and Application

Order Code	Full Product Name	kWh/1000 h	Mercury	
			Energy Consumption	(Hg)
			Content (Max)	Mercury (Hg)
928486800091	SON 150W E E40 CO 1SL/12	162 kWh	-	20.4 mg
928486900091	SON 250W E E40 CO 1SL/12	275 kWh	-	20.4 mg
928150108828	SON 70W/220 I E27 1CT/24	72 kWh	14.3 mg	14.3 mg

