



# 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

### Features

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

### Application

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

### Warnings and Safety

- Control gear must include end-of-life protection (IEC60662, IEC 62035)
- 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.

Versions

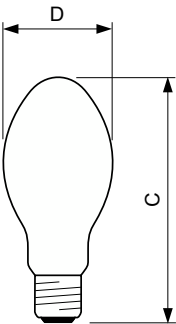


LPPR SON E40 E39



LPPR SON-I 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
21028915	SON 150W E E40 CO 1SL/12	E40
21038815	SON 250W E E40 CO 1SL/12	E40

Order Code	Full Product Name	Cap-Base
18186230	SON 70W/220 I E27 1CT/24	E27

Light Technical

Order Code	Full Product Name	Chromaticity Coordinate	Chromaticity Coordinate Y	Correlated Color Temperature	Luminous Efficacy (rated) (Nom)	Luminous Flux
		X (Nom)	(Nom)	(Nom)		
21028915	SON 150W E E40 CO 1SL/12	-	-	2000 K	93 lm/W	-

Order Code	Full Product Name	Chromaticity Coordinate	Chromaticity Coordinate Y	Correlated Color Temperature	Luminous Efficacy (rated) (Nom)	Luminous Flux
		X (Nom)	(Nom)	(Nom)		
21038815	SON 250W E E40 CO 1SL/12	-	-	2000 K	106 lm/W	-
18186230	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
21028915	SON 150W E E40 CO 1SL/12	100 V	147.0 W
21038815	SON 250W E E40 CO 1SL/12	100 V	250 W

Order Code	Full Product Name	Voltage (Nom)	Power Consumption
18186230	SON 70W/220 I E27 1CT/24	90 V	71.5 W

Mechanical and Housing

Order Code	Full Product Name	Bulb Shape
21028915	SON 150W E E40 CO 1SL/12	ED90
21038815	SON 250W E E40 CO 1SL/12	ED90

Order Code	Full Product Name	Bulb Shape
18186230	SON 70W/220 I E27 1CT/24	B70

Approval and Application

Order Code	Full Product Name	Energy	Mercury	Mercury (Hg)
		Consumption kWh/ 1000 h	(Hg) Content (Max)	Content (Nom)
21028915	SON 150W E E40 CO 1SL/12	162 kWh	-	20.4 mg
21038815	SON 250W E E40 CO 1SL/12	275 kWh	-	20.4 mg
18186230	SON 70W/220 I E27 1CT/24	72 kWh	16.3 mg	16.3 mg

