



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

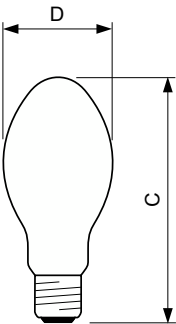


LPPR SON E27 E26



LPPR SON E40 E39

Dimensional drawing



Product	D (max)	C (max)
SON 100W E E40 CO 1SL	76 mm	186 mm
SON 150W E E40 CO 1SL/12	91 mm	226 mm
SON 250W E E40 CO 1SL/12	91 mm	226 mm
SON 400W E E40 CO 1SL/12	122 mm	290 mm
SON 70W E E27 CO 1CT/24	71 mm	156 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
928486700091	SON 70W E E27 CO 1CT/24	E27
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
928487000091	SON 400W E E40 CO 1SL/12	E40
928490000091	SON 100W E E40 CO 1SL	E40

Light Technical

	Full Product Name	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)
928486700091	SON 70W E E27 CO 1CT/24	0.540	0.420	1900 K	80 lm/W
928486800091	SON 150W E E40 CO 1SL/12	-	-	2000 K	93 lm/W
928486900091	SON 250W E E40 CO 1SL/12	-	-	2000 K	106 lm/W

	Full Product Name	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)
928487000091	SON 400W E E40 CO 1SL/12	-	-	2000 K	122 lm/W
928490000091	SON 100W E E40 CO 1SL	-	-	1900 K	85 lm/W

Operating and Electrical

Order Code	Full Product Name	Voltage (Nom)	Power Consumption
928486700091	SON 70W E E27 CO 1CT/24	95 V	72.5 W
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
928487000091	SON 400W E E40 CO 1SL/12	105 V	400.0 W
928490000091	SON 100W E E40 CO 1SL	100 V	100.0 W

Mechanical and Housing

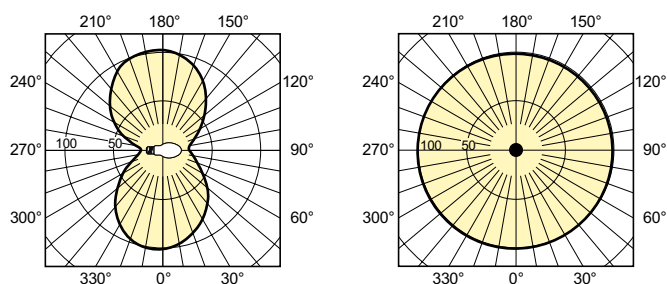
Order Code	Full Product Name	Bulb Shape
928486700091	SON 70W E E27 CO 1CT/24	BF70
928486800091	SON 150W E E40 CO 1SL/12	ED90
928486900091	SON 250W E E40 CO 1SL/12	ED90

Order Code	Full Product Name	Bulb Shape
928487000091	SON 400W E E40 CO 1SL/12	ED120
928490000091	SON 100W E E40 CO 1SL	ED75

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h	Mercury (Hg) Content (Max)	Mercury (Hg) Content (Nom)
928486700091	SON 70W E E27 CO 1CT/24	73 kWh	16.3 mg	16.3 mg
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
928487000091	SON 400W E E40 CO 1SL/12	440 kWh	-	24.5 mg

Order Code	Full Product Name	Energy Consumption kWh/1000 h	Mercury (Hg) Content (Max)	Mercury (Hg) Content (Nom)
928490000091	SON 100W E E40 CO 1SL	110 kWh	-	20.2 mg



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