



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
- · Robust construction is vibration- and shock-resistant leading to a reliable life
- \cdot 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

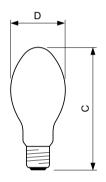
- · Control gear must include end-of-life protection (IEC60662, IEC 62035)
- · Control gear must include end-of-life protection (IEC60662, IEC 62035)
- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably 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.
- 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





Dimensional drawing



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

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

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

Order Code 928486700091	Full Product Name SON 70W	Chromaticity Coordinate X (Nom) 0.540	Chromaticity Coordinate Y (Nom) 0.420	Correlated Color Temperature (Nom) 1900 K	Efficacy (rated) (Nom) 80 lm/W
	E E27 CO 1CT/24				
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

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

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

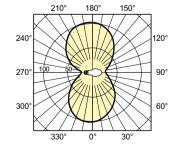
Order Code	Full Product Name	Bulb Shape
928486700091	SON 70W E E27 CO 1CT/24	BF70
928486800091	SON 150W E E40 CO 1SL/12	ED90
928486900091	SON 250W E E40 CO 1SL/12	ED90

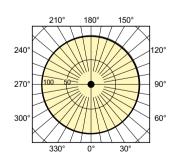
Order Code	Full Product Name	Bulb Shape
928487000091	SON 400W E E40 CO 1SL/12	ED120
928490000091	SON 100W E E40 CO 1SL	ED75

Approval and Application

			Mercury	
		Energy	(Hg)	Mercury (Hg)
		Consumption	Content	Content
Order Code	Full Product Name	kWh/1000 h	(Max)	(Nom)
928486700091	SON 70W E E27 CO	73 kWh	16.3 mg	16.3 mg
	1CT/24			
928486800091	SON 150W E E40 CO	162 kWh	-	20.4 mg
	1SL/12			
928486900091	SON 250W E E40 CO	275 kWh	-	20.4 mg
	1SL/12			
928487000091	SON 400W E E40 CO	440 kWh	-	24.5 mg
	1SL/12			

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





SON



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. All trademarks are owned by Signify Holding or their respective owners.