



# Product Description

## SON-T

High Pressure Sodium lamp with clear tubular outer bulb

### Benefits

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

### Features

- Clear tubular 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
- Recreational sports facilities Outdoor and Indoor

### 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.

# SON-T

## Versions

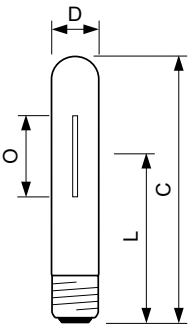


LPPR SON-T E40



LPPR SON-T E27

## Dimensional drawing



Product	D (max)	O	L	C (max)
SON-T 1000W E40 1SL/4	66 mm	153 mm	240 mm	390 mm
SON-T 100W E E40 SL/12	47 mm	44 mm	132 mm	209 mm
SON-T 150W E E40 SL/12	47 mm	58 mm	132 mm	209 mm
SON-T 250W E E40 SL/12	47 mm	66 mm	158 mm	255 mm
SON-T 400W E E40 SL/12	47 mm	82 mm	175 mm	286 mm
SON-T 70W/220 E27 1CT/12	36 mm	42 mm	102 mm	156 mm

General Information	
Operating Position	UNIVERSAL
Light Technical	
Correlated Color Temperature (Nom)	2000 K
Color rendering index (CRI)	-
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Finish	Clear

## General Information

Order Code	Full Product Name	Cap-Base
18412245	SON-T 1000W E40 1SL/4	E40
21264500	SON-T 100W E E40 SL/12	E40
21270600	SON-T 150W E E40 SL/12	E40

Order Code	Full Product Name	Cap-Base
21288100	SON-T 250W E E40 SL/12	E40
21292800	SON-T 400W E E40 1SL/12	E40
19267715	SON-T 70W/220 E27 1CT/12	E27

## Light Technical

Order Code	Full Product Name	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	Luminous Efficacy (rated) (Nom)
18412245	SON-T 1000W E40 1SL/4	-	-	130 lm/W
21264500	SON-T 100W E E40 SL/12	-	-	90 lm/W
21270600	SON-T 150W E E40 SL/12	-	-	98 lm/W

Order Code	Full Product Name	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	Luminous Efficacy (rated) (Nom)
21288100	SON-T 250W E E40 SL/12	-	-	110 lm/W
21292800	SON-T 400W E E40 1SL/12	-	-	123 lm/W
19267715	SON-T 70W/220 E27 1CT/12	0.540	0.413	84 lm/W

**Operating and Electrical**

Order Code	Full Product Name	Voltage (Nom)	Power Consumption
18412245	SON-T 1000W E40 1SL/4	100 V	960.0 W
21264500	SON-T 100W E E40 SL/12	100 V	100.0 W
21270600	SON-T 150W E E40 SL/12	100 V	153 W

Order Code	Full Product Name	Voltage (Nom)	Power Consumption
21288100	SON-T 250W E E40 SL/12	100 V	255 W
21292800	SON-T 400W E E40 1SL/12	100 V	392.0 W
19267715	SON-T 70W/220 E27 1CT/12	90 V	70.0 W

**Mechanical and Housing**

Order Code	Full Product Name	Bulb Shape
18412245	SON-T 1000W E40 1SL/4	T65
21264500	SON-T 100W E E40 SL/12	T46
21270600	SON-T 150W E E40 SL/12	T46

Order Code	Full Product Name	Bulb Shape
21288100	SON-T 250W E E40 SL/12	T46
21292800	SON-T 400W E E40 1SL/12	T46
19267715	SON-T 70W/220 E27 1CT/12	T35

**Approval and Application**

Order Code	Full Product Name	Energy Consumption kWh/1000 h	Mercury (Hg) Content (Nom)
18412245	SON-T 1000W E40 1SL/4	1056 kWh	23 mg
21264500	SON-T 100W E E40 SL/12	110 kWh	18.36 mg
21270600	SON-T 150W E E40 SL/12	162 kWh	20.4 mg
21288100	SON-T 250W E E40 SL/12	275 kWh	20.4 mg
21292800	SON-T 400W E E40 1SL/12	431 kWh	24.5 mg
19267715	SON-T 70W/220 E27 1CT/12	77 kWh	16.3 mg

