Product Description

SON-T

High Pressure Sodium lamp with clear tubular outer bulb

Benefits

- SON-T Pro 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

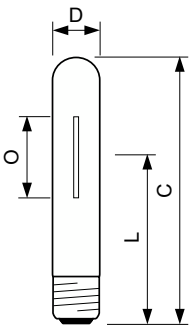
- Control gear must include end-of-life protection (IEC60662, IEC 62035)
- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local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

SON-T

Versions

LPPR SON-T E27

Dimensional drawing



Product	D (max)	O	L	C (max)
SON-T 1000W E E40 1SL/4	66 mm	145 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
928481500092	SON-T 100W E E40 SL/12	E40
928487100096	SON-T 150W E E40 SL/12	E40
928487200098	SON-T 250W E E40 SL/12	E40

Order Code	Full Product Name	Cap-Base
928487300098	SON-T 400W E E40 SL/12	E40
928487400091	SON-T 1000W E E40 1SL/4	E40
928152800035	SON-T 70W/220 E27 1CT/12	E27

Light Technical

SON-T

Order Code	Full Product Name	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	Luminous Efficacy (rated) (Nom)
928481500092	SON-T 100W E E40 SL/12	-	-	90 lm/W
928487100096	SON-T 150W E E40 SL/12	-	-	98 lm/W
928487200098	SON-T 250W E E40 SL/12	-	-	110 lm/W

Order Code	Full Product Name	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	Luminous Efficacy (rated) (Nom)
928487300098	SON-T 400W E E40 SL/12	-	-	123 lm/W
928487400091	SON-T 1000W E E40 1SL/4	-	-	130 lm/W
928152800035	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
928481500092	SON-T 100W E E40 SL/12	100 V	100.0 W
928487100096	SON-T 150W E E40 SL/12	100 V	153 W
928487200098	SON-T 250W E E40 SL/12	100 V	255 W

Order Code	Full Product Name	Voltage (Nom)	Power Consumption
928487300098	SON-T 400W E E40 SL/12	100 V	392.0 W
928487400091	SON-T 1000W E E40 1SL/4	100 V	960.0 W
928152800035	SON-T 70W/220 E27 1CT/12	90 V	70.0 W

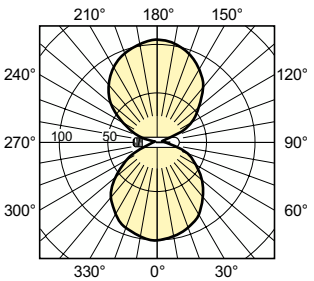
Mechanical and Housing

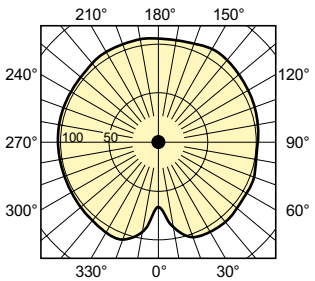
Order Code	Full Product Name	Bulb Shape
928481500092	SON-T 100W E E40 SL/12	T46
928487100096	SON-T 150W E E40 SL/12	T46
928487200098	SON-T 250W E E40 SL/12	T46

Order Code	Full Product Name	Bulb Shape
928487300098	SON-T 400W E E40 SL/12	T46
928487400091	SON-T 1000W E E40 1SL/4	T65
928152800035	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)
928481500092	SON-T 100W E E40 SL/12	110 kWh	18.36 mg
928487100096	SON-T 150W E E40 SL/12	162 kWh	20.4 mg
928487200098	SON-T 250W E E40 SL/12	275 kWh	20.4 mg
928487300098	SON-T 400W E E40 SL/12	431 kWh	24.5 mg
928487400091	SON-T 1000W E E40 1SL/4	1056 kWh	22.65 mg
928152800035	SON-T 70W/220 E27 1CT/12	77 kWh	16.3 mg





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