



# SON-T

## SON-T 400W E E40 SL/12

High Pressure Sodium lamp with clear tubular outer bulb

### 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.

### Product data

General Information	
Cap-Base	E40 [ E40]
Operating Position	UNIVERSAL [ Any or Universal (U)]
Life to 5% Failures (Nom)	12000 h
Life to 20% Failures (Nom)	20000 h
Life to 50% Failures (Nom)	28000 h
System Description	External Ignitor
Light Technical	
Color Code	220 [ CCT of 2000K]
Luminous Flux (Rated) (Min)	43200 lm
Luminous Flux (Rated) (Nom)	48000 lm
Lumen Maintenance 2000 h (Min)	94 %
Lumen Maintenance 2000 h (Nom)	97 %
Lumen Maintenance 5000 h (Min)	88 %
Lumen Maintenance 5000 h (Nom)	94 %
Correlated Color Temperature (Nom)	2000 K
Luminous Efficacy (rated) (Nom)	123 lm/W
Color Rendering Index (Max)	25

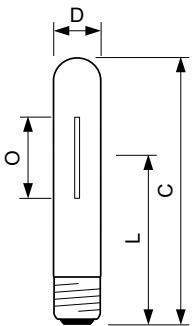
Color Rendering Index (Nom)	-
Operating and Electrical	
Power (Nom)	392.0 W
Lamp Current (EM) (Nom)	4.6 A
Ignition Supply Voltage (Max)	198 V
Ignition Peak Voltage (Max)	2800 V
Re-Ignition Time (Min) (Max)	120 s
Ignition Time (Max)	5 s
Voltage (Max)	115 V
Voltage (Min)	85 V
Voltage (Nom)	100 V
Controls and Dimming	
Dimmable	Yes
Run-Up Time 90% (Max)	5 min
Mechanical and Housing	
Bulb Finish	Clear
Cap-Base Information	-

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Bulb Shape	T46 [ T 46mm]
<b>Approval and Application</b>	
Mercury (Hg) Content (Nom)	24.5 mg
Energy Consumption kWh/1000 h	431 kWh
<b>Luminaire Design Requirements</b>	
Bulb Temperature (Max)	450 °C
Cap-Base Temperature (Max)	250 °C
<b>Product Data</b>	
Full product code	871829121292800

Order product name	SON-T 400W E E40 SL/12
EAN/UPC - Product	8718291212928
Order code	928487300098
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928487300098
Net Weight (Piece)	0.181 kg

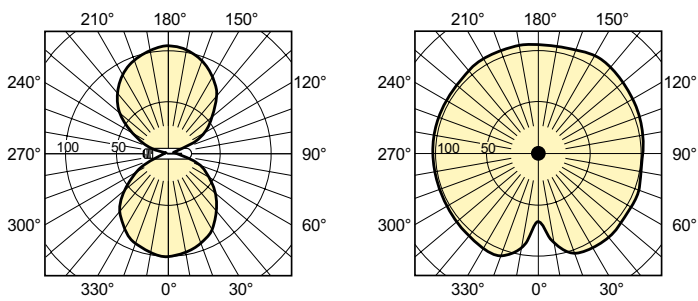
## Dimensional drawing



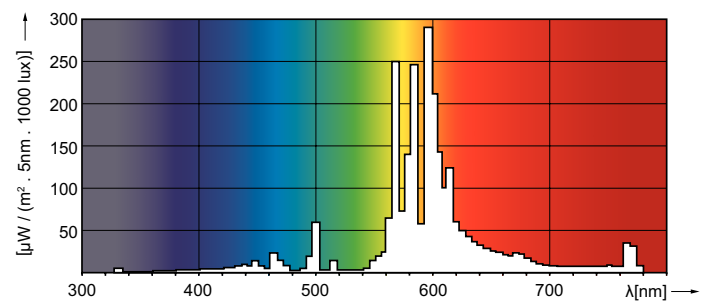
SON-T 400W E E40

Product	D (max)	O	L	C (max)
SON-T 400W E E40 SL/12	47 mm	82 mm	175 mm	286 mm

## Photometric data



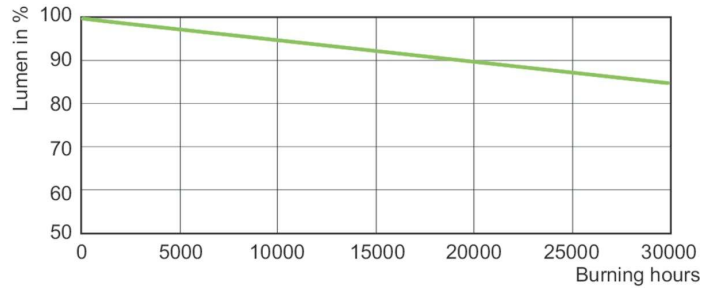
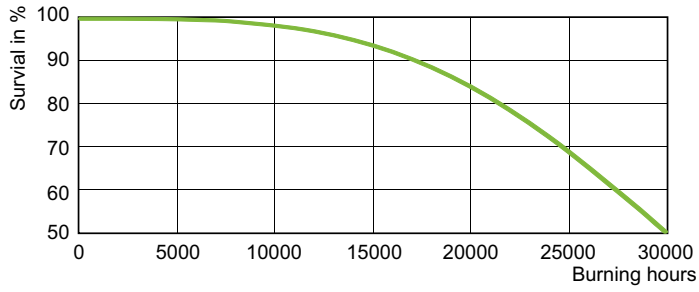
LDLD\_SON-T-Light distribution diagram



LDPO\_SON-T-Spectral power distribution Colour

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## Lifetime



LDLE\_SON-T\_0001-Life expectancy diagram

LDLM\_SON-T\_0001-Lumen maintenance diagram

