



SON-T

SON-T 1000W E40 1SL/4

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/Universal]
Life to 5% failures (nom.)	8000 h
Life to 10% failures (nom.)	10000 h
Life to 20% failures (nom.)	14000 h
Life to 50% failures (nom.)	20000 h
System description	External Ignitor (E)
LSF 2000 h Rated	99 %
LSF 4000 h Rated	99 %
LSF 6000 h Rated	97 %
LSF 8000 h Rated	95 %
LSF 12000 h Rated	85 %
LSF 16000 h Rated	69 %
LSF 20000 h Rated	50 %
Light Technical	
Colour Code	220 [CCT of 2,000 K]
Luminous flux (rated) (min.)	117000 lm
Luminous flux (rated) (nom.)	130000 lm

Lumen maintenance 2,000 hours (min.)	90 %
Lumen maintenance 2,000 hours (nom.)	95 %
Lumen maintenance 5,000 hours (min.)	80 %
Lumen maintenance 5,000 hours (nom.)	90 %
Correlated Colour Temperature (Nom)	2000 K
Luminous efficacy (rated) (nom.)	130 lm/W
Color rendering index (max.)	25
Colour rendering index (nom.)	-
LLMF 2000 h Rated	95 %
LLMF 4000 h Rated	93 %
LLMF 6000 h Rated	89 %
LLMF 8000 h Rated	88 %
LLMF 12000 h Rated	84 %
LLMF 16000 h Rated	82 %
LLMF 20000 h Rated	80 %
Ratio scotopic/photopic lumens	0.65

Operating and Electrical	
Power (Rated) (Nom)	960.0 W
Lamp current (EM) (nom.)	10.6 A

SON-T

Ignition supply voltage (max.)	198 V
Ignition peak voltage (max.)	3000 V
Re-ignition time (min.) (max.)	240 s
Ignition time (max.)	10 s
Voltage (Max)	115 V
Voltage (Min)	85 V
Voltage (Nom)	100 V

Controls and Dimming

Dimmable	Yes
Run-up time 90% (max.)	6 min

Mechanical and Housing

Lamp Finish	Clear
Cap-base information	na [-]
Bulb shape	T65 [T 65mm]

Approval and Application

Mercury (Hg) content (nom.)	23 mg
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Energy consumption kWh/1,000 hours	1056 kWh
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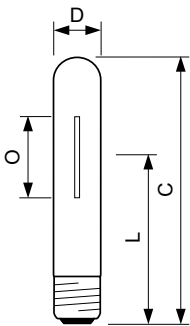
Luminaire Design Requirements

Bulb temperature (max.)	450 °C
Cap-base temperature (max.)	240 °C

Product Data

Full product code	871150018412245
Order product name	SON-T 1000W E40 1SL/4
EAN/UPC – product	8711500184122
Order code	18412245
Local order code	1000SONT
SAP numerator – quantity per pack	1
Numerator – packs per outer box	4
SAP material	928154509228
SAP net weight (piece)	414.000 g
ILCOS code	ST-1000-H/E-E40

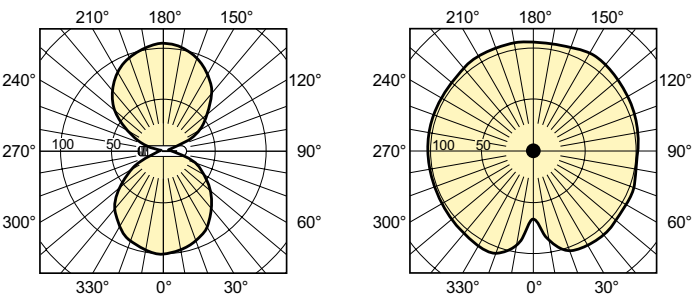
Dimensional drawing



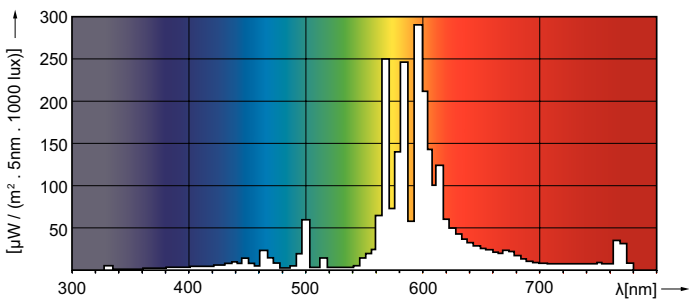
SON-T 1000W/220 E40

Product	D (max)	O	L	C (max)
SON-T 1000W E40 1SL/4	66 mm	153 mm	240 mm	390 mm

Photometric data

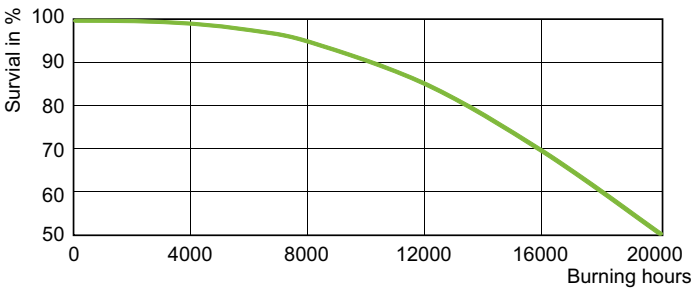


LDLD_SON-T-Light distribution diagram

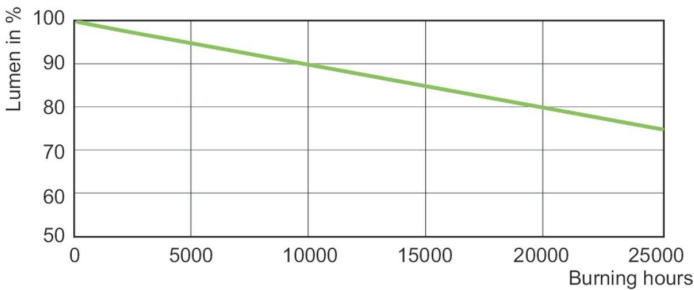


LDPO_SON-T-Spectral power distribution Colour

Lifetime



LDLE_SON-T_1000W-Life expectancy diagram



LDLM_SON-T_1000W-Lumen maintenance diagram

