

SON-T

SON-T 1000W/220 E40 1SL/4

High Pressure Sodium lamp with clear tubular outer bulb

Product data

• General Information

Cap-Base	E40 [E40]
Operating Position	UNIVERSAL [Any or Universal (U)]
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
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

Color Code	220 [CCT of 2000K]
Luminous Flux (Rated) (Min)	117000 lm
Luminous Flux (Rated) (Nom)	130000 lm
Lumen Maintenance 2000 h (Min)	90 %
Lumen Maintenance 2000 h (Nom)	95 %
Lumen Maintenance 5000 h (Min)	80 %
Lumen Maintenance 5000 h (Nom)	90 %
Correlated Color Temperature (Nom)	2000 K
Luminous Efficacy (rated) (Nom)	130 lm/W
Color Rendering Index (Max)	25
Color Rendering Index (Nom)	-
LLMF 2000 h Rated	95 %
LLMF 4000 h Rated	93 %
LLMF 6000 h Rated	90 %
LLMF 8000 h Rated	88 %
LLMF 12000 h Rated	84 %
LLMF 16000 h Rated	82 %
LLMF 20000 h Rated	80 %

• Operating and Electrical

Power (Rated) (Nom)	960.0 W
Lamp Current (EM) (Nom)	10.6 A
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

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- Mechanical and Housing

Bulb Finish	Clear
Cap-Base Information	-

- Approval and Application

Energy Efficiency Label (EEL)	A++
Mercury (Hg) Content (Nom)	38 mg
Energy Consumption kWh/1000 h	1056 kWh

- Luminaire Design Requirements

Bulb Temperature (Max)	450 °C
Cap-Base Temperature (Max)	240 °C

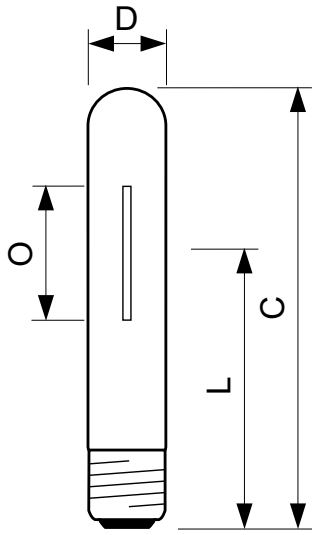
- Product Data

Full product code	871150018412245
Order product name	SON-T 1000W/220 E40 1SL/4
EAN/UPC - Product	8711500184122
Order code	928154509228
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	4
Material Nr. (12NC)	928154509228
Net Weight (Piece)	391.600 g
ILCOS Code	ST-1000-H/E-E40

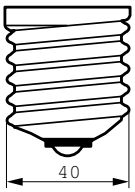
Warnings and Safety

- 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.

Dimensional drawing



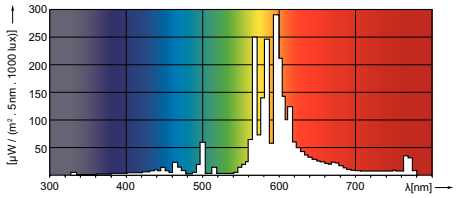
SON-T, E27/E40



SON-T 1000W/220 E40

Product	D	O	L	C
SON-T 1000W/220 E40 1SL/4	66 mm	153 mm	240 mm	390 mm

Photometric data



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data subject to change