



SON-T

SON-T 250W 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

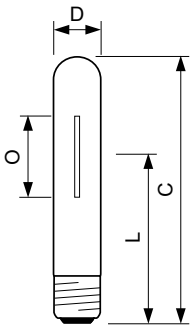
General Information		Colour Rendering Index,horiz (Nom)	
Cap base	E40 [E40]		-
Burning Position	UNIVERSAL [Any/Universal]	Operating and Electrical	
Life to 5% failures (nom.)	12000 h	Power (Rated) (Nom)	250.0 W
Life to 20% failures (nom.)	20000 h	Lamp current (EM) (nom.)	3 A
Life to 50% failures (nom.)	28000 h	Ignition supply voltage (max.)	198 V
System description	External Ignitor (E)	Ignition peak voltage (max.)	2800 V
Light Technical		Re-ignition time (min.) (max.)	120 s
Colour Code	220 [CCT of 2,000 K]	Ignition time (max.)	5 s
Lamp Luminous Flux (Min)	25200 lm	Voltage (Max)	115 V
Lamp Luminous Flux (Nom)	28000 lm	Voltage (Min)	85 V
Lumen maintenance 2,000 hours (min.)	95 %	Voltage (Nom)	100 V
Lumen maintenance 2,000 hours (nom.)	98 %	Controls and Dimming	
Lumen maintenance 5,000 hours (min.)	92 %	Dimmable	Yes
Lumen maintenance 5,000 hours (nom.)	96 %	Run-up time 90% (max.)	5 min
Colour Temperature, horizontal (Nom)	2000 K	Mechanical and Housing	
Lamp Luminous Efficacy EM (Nom)	110 lm/W	Lamp Finish	Clear
Colour Rendering Index,horiz (Max)	25	Cap-base information	na [-]

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Bulb shape	T46 [T 46mm]
Approval and Application	
Energy efficiency label (EEL)	A+
Mercury (Hg) content (nom.)	20.4 mg
Energy consumption kWh/1,000 hours	275 kWh
Luminaire Design Requirements	
Bulb temperature (max.)	450 °C
Cap-base temperature (max.)	250 °C

Product Data	
Full product code	871829121288100
Order product name	SON-T 250W E E40 SL/12
EAN/UPC – product	8718291212881
Order code	928487200098
SAP numerator – quantity per pack	1
Numerator – packs per outer box	12
SAP material	928487200098
SAP net weight (piece)	0.137 kg

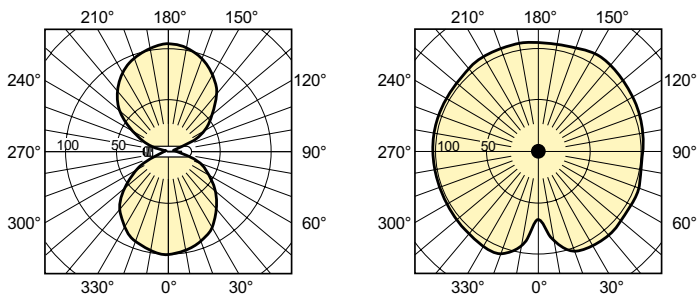
Dimensional drawing



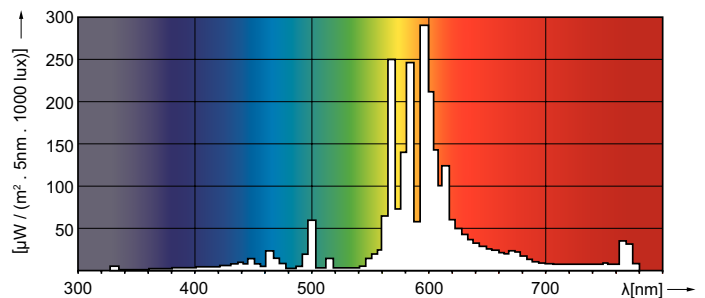
SON-T 250W E E40

Product	D (max)	O	L	C (max)
SON-T 250W E E40 SL/12	47 mm	66 mm	158 mm	255 mm

Photometric data



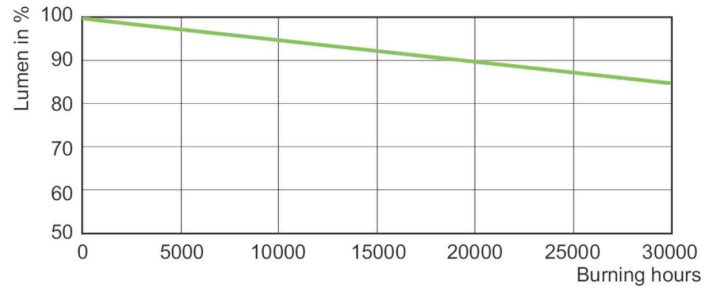
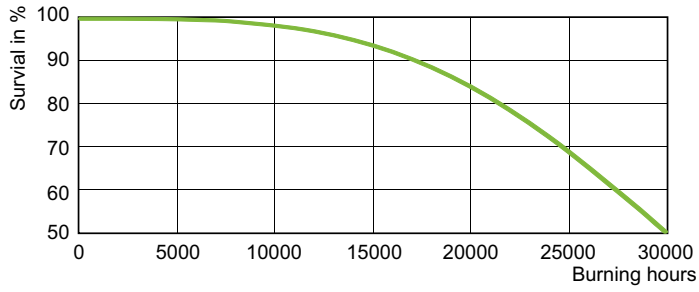
LDLD_SON-T-Light distribution diagram



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

