



SON-T

SON-T 400W E E40 1SL/12

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.)	12000 h
Life to 20% failures (nom.)	20000 h
Life to 50% failures (nom.)	28000 h
System description	External Ignitor (E)
Light Technical	
Colour code	220 [CCT of 2,000 K]
Luminous flux (rated) (min.)	43200 lm
Luminous flux (rated) (nom.)	48000 lm
Lumen maintenance 2,000 hours (min.)	94 %
Lumen maintenance 2,000 hours (nom.)	97 %
Lumen maintenance 5,000 hours (min.)	88 %
Lumen maintenance 5,000 hours (nom.)	94 %
Correlated colour temperature (nom.)	2000 K
Luminous efficacy (rated) (nom.)	123 lm/W
Color rendering index (max.)	25
Color rendering index (nom.)	-
Operating and Electrical	
Power (Rated) (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	na [-]
Approval and Application	
Energy efficiency label (EEL)	A+
Mercury (Hg) content (nom.)	24.5 mg
Energy Consumption kWh/1000 h	431 kWh
Luminaire Design Requirements	
Bulb temperature (max.)	450 °C
Cap base temperature (max.)	250 °C
Product Data	
Full product code	871829121292800
Order product name	SON-T 400W E E40 SL/12

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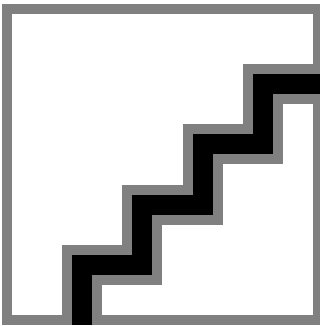
EAN/UPC – product	8718291212928
Order code	21292800
Numerator – quantity per pack	1
Numerator – packs per outer box	12

Material no. (12NC)	928487300098
Net weight (piece)	0.181 kg

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.

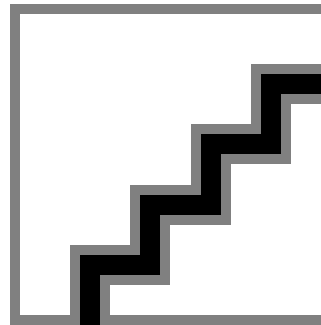
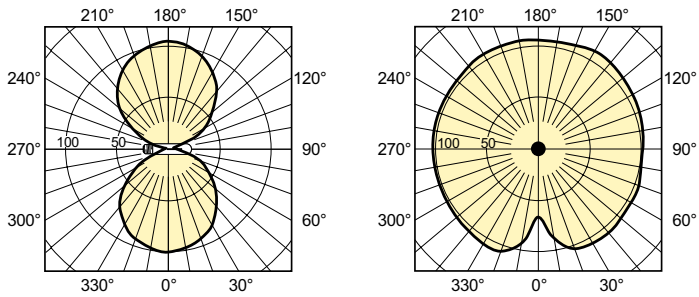
Dimensional drawing



SON-T 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

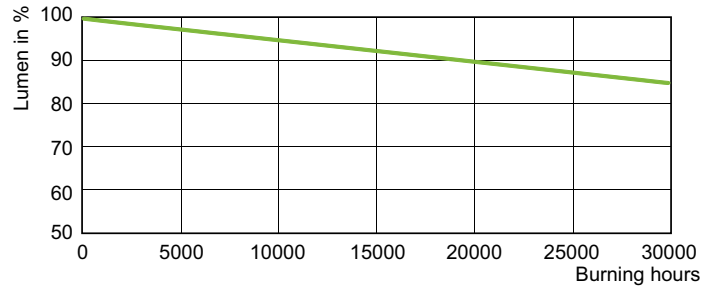
Photometric data



LDPO_SON-T-Spectral power distribution Colour

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Lifetime



LDLE_SON-T_0001-Life expectancy diagram

