



SON-T

SON-T 400W E E40 SL/12

High Pressure Sodium lamp with clear tubular outer bulb

Product data

• General Information

Cap base	E40 [GES]
Bulb shape	T46 [T 46mm]
Burning Position	UNIVERSAL [Any/Universal]
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

Lamp Luminous Flux (Min)	43200 lm
Lamp Luminous Flux (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 %
Colour Temperature, horizontal (Nom)	2000 K
Lamp Luminous Efficacy EM (Nom)	123 lm/W
Colour Rendering Index,horiz (Max)	25
Colour Rendering Index,horiz (Nom)	-

• Operating and Electrical

Power (Rated) (Nom)	400 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 (CL)
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

PHILIPS

• 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

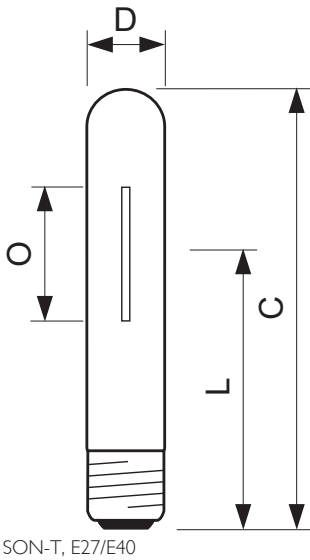
EAN/UPC – product	8718291212928
Order code	928487300098
Local Code	SONT400WGES
Numerator – quantity per pack	1
Numerator – packs per outer box	12
Material no. (12NC)	928487300098
Net weight (piece)	0.200 kg

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

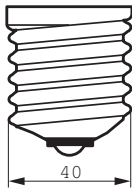
remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

Dimensional drawing

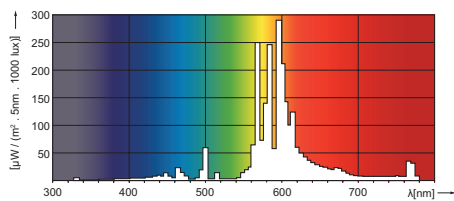


SON-T 400W E E40

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



Photometric data



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