SON-T

SON-T 100W E E40 1SL

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 10% Failures (Nom)	12000 h
Life To 50% Failures (Nom)	28000 h
System Description	External Ignitor

Light Technical

Color Code	220 [CCT of 2000K]
Luminous Flux (Rated) (Min)	8100 lm
Luminous Flux (Rated) (Nom)	9000 lm
Lumen Maintenance 2000 h (Min)	85 %
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)	90 lm/W
Color Rendering Index (Max)	25
Color Rendering Index (Nom)	-

Operating and Electrical

Power (Rated) (Nom)	100.0 W
Lamp Current (EM) (Nom)	1.2 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	-

Approval and Application

Energy Efficiency Label (EEL)	A+
Mercury (Hg) Content (Nom)	20.2 mg
Energy Consumption kWh/1000 h	110 kWh

Luminaire Design Requirements

Bulb Temperature (Max)	450 °C
Cap-Base Temperature (Max)	250 °C

Product Data

Full product code	872790090659200

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Order product name	SON-T 100W E E40 1SL		Material Nr. (12NC)	928481500097
EAN/UPC - Product	8727900906592		Net Weight (Piece)	0.114 kg
Order code	928481500097			
Numerator - Quantity Per Pack	1			
Numerator - Packs per outer box	12			

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.
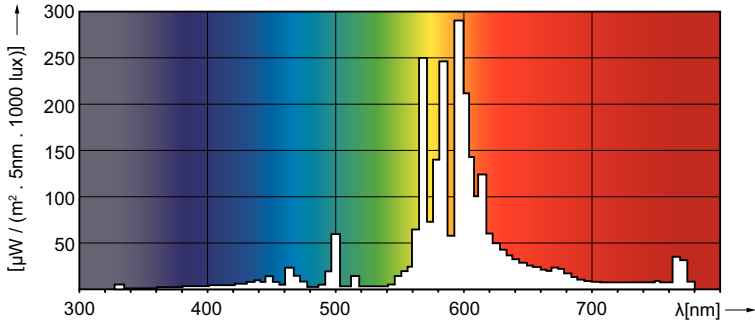
Dimensional drawing
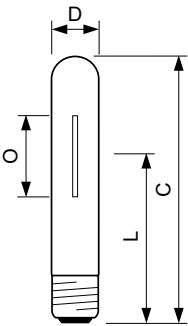
SON-T 100W E E40

Product	D	O	L	C
SON-T 100W E E40 1SL	47 mm	44 mm	132 mm	209 mm

Photometric data