



# SON-T

SON-T 250W E E40 1SL

High Pressure Sodium lamp with clear tubular outer bulb

## Product data

### • General Characteristics

System Description	External Ignitor
Cap-Base	E40
Cap-Base Information	-
Bulb	T46 [T 46mm]
Bulb Finish	Clear
Operating Position	any [Any or Universal (U)]
Life to 5% failures	12000 hr
Life to 20% failures	20000 hr
Life to 50% failures	28000 hr

### • Light Technical Characteristics

Color Code	220 [CCT of 2000K]
Color Rendering Index	25 (max) Ra8
Color Temperature	2000 K
Luminous Flux Lamp EM	28000 Lm
Luminous Efficacy Lamp EM	110 Lm/W
Lumen Maintenance 2000h	98 %
Lumen Maintenance 5000h	96 %

### • Electrical Characteristics

Lamp Wattage	250 W
Lamp Wattage EM 25°C, Nominal	250.0 W
Lamp Wattage EM 25°C, Rated	250.0 W
Lamp Voltage	100 V
Lamp Current EM	3 A
Ignition Time	5 (max) s
Run-up time 90%	5 (max) min

Dimmable	Yes
Re-ignition Time [sec]	120 (max) s

### • Environmental Characteristics

Energy Efficiency Label (EEL)	A+
Mercury (Hg) Content	20.4 mg
Energy consumption kWh/1000h	275 kWh

### • Luminaire Design Requirements

Cap-Base Temperature	250 (max) C
Bulb Temperature	450 (max) C

### • Product Dimensions

Overall Length C	255 (max) mm
Diameter D	47 (max) mm
Light Center Length L	158 mm
Arc Length O	66 mm

### • Product Data

Order code	928487200098
Full product code	928487200098
Full product name	SON-T 250W E E40 1SL
Order product name	SON-T 250W E E40 1SL/12
Pieces per pack	1
Packing configuration	12
Packs per outerbox	12

**PHILIPS**

# SON-T

Bar code on pack - EAN1 8718291212881  
Bar code on outerbox - EAN3 8718291212898

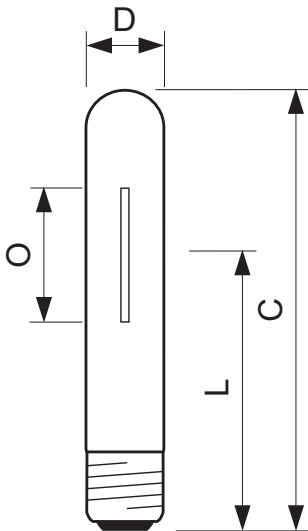
Logistic code(s) - 12NC 928487200098  
Net weight per piece 0.175 kg

## 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

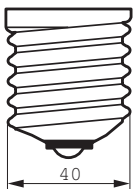
remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

## Dimensional drawing



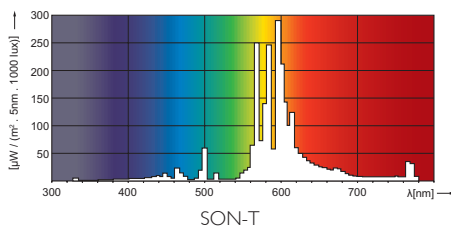
### SON-T 250W E E40 1SL

Product	C (Max)	D (Max)	L (Norm)	O (Norm)
SON-T 250W E E40	255	47	158	66



E40

## Photometric data





© 2015 Koninklijke Philips N.V. (Royal Philips)  
All rights reserved.

Specifications are subject to change without notice. Trademarks are the property of  
Koninklijke Philips N.V. (Royal Philips) or their respective owners.

[www.philips.com/lighting](http://www.philips.com/lighting)

2015, May 12  
data subject to change