



# **SON-T**

## **SON-T 250W 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 5% Failures (Nom)	12000 h
Life to 20% Failures (Nom)	20000 h
Life to 50% Failures (Nom)	28000 h
System Description	External Ignitor
Light Technical	
Color Code	220 [ CCT of 2000K]
Luminous Flux (Rated) (Min)	25200 lm
Luminous Flux (Rated) (Nom)	28000 lm
Lumen Maintenance 2000 h (Min)	95 %
Lumen Maintenance 2000 h (Nom)	98 %
Lumen Maintenance 5000 h (Min)	92 %
Lumen Maintenance 5000 h (Nom)	96 %
Correlated Color Temperature (Nom)	2000 K
Luminous Efficacy (rated) (Nom)	110 lm/W
Color Rendering Index (Max)	25
Color Rendering Index (Nom)	-
Operating and Electrical	
Power (Nom)	250.0 W
Lamp Current (EM) (Nom)	3 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)	20.4 mg
Energy Consumption kWh/1000 h	275 kWh
Luminaire Design Requirements	
Bulb Temperature (Max)	450 °C
Cap-Base Temperature (Max)	250 ℃
Product Data	
Full product code	872790090673800
Order product name	SON-T 250W E E40 1SL

Datasheet, 2020, March 19 data subject to change

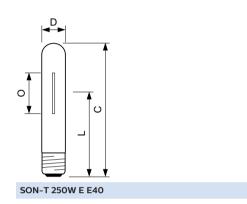
## **SON-T**

EAN/UPC - Product	8727900906738
Order code	928487200097
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12

Material Nr. (12NC)	928487200097
Net Weight (Piece)	0.182 kg

## **Warnings and Safety**

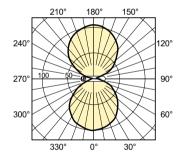
#### Dimensional drawing

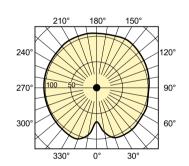


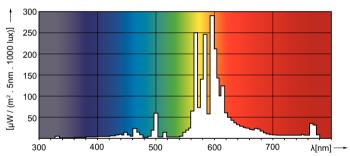
#### Product

SON-T 250W E E40 1SL

#### Photometric data

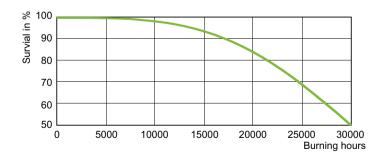






LDPO\_SON-T-Spectral power distribution Colour

## Lifetime





#### LDLE\_SON-T\_0001-Life expectancy diagram

## SON-T



© 2020 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.