



SON-T

SON-T 250W E E40 SL/12

High Pressure Sodium lamp with clear tubular outer bulb

Warnings and Safety

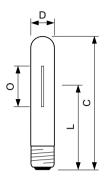
- Control gear must include end-of-life protection (IEC60662, IEC 62035)
- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

Product data

General Information			
Cap-Base	E40		
Operating Position	UNIVERSAL [Any or Universal (U)]		
Life to 50% Failures (Nom)	28,000 hour(s)		
Light Technical			
Color Code	220 [CCT of 2000K]		
Correlated Color Temperature (Nom)	2000 K		
Luminous Efficacy (rated) (Nom)	110 lm/W		
Color rendering index (CRI)	-		
Arc Length O (Nom)	66 mm		
Operating and Electrical			
Power Consumption	255 W		
Voltage (Nom)	100 V		
Voltage (Nom)	100 V		
Controls and Dimming			
Dimmable	Yes		

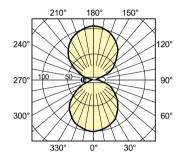
Mechanical and Housing			
Bulb Finish	Clear		
Bulb Shape	T46		
Approval and Application			
Mercury (Hg) Content (Nom)	20.4 mg		
Energy Consumption kWh/1000 h	275 kWh		
Product Data			
Order product name	SON-T 250W E E40 SL/12		
Full product name	SON-T 250W E E40 SL/12		
Full product code	871829121288100		
Order code	928487200098		
Material Nr. (12NC)	928487200098		
Numerator - Quantity Per Pack	1		
EAN/UPC - Product/Case	8718291212881		
Numerator - Packs per outer box	12		
EAN/UPC - Case	8718291212898		

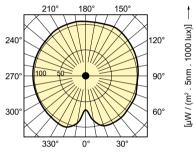
Dimensional drawing



Product	D (max)	0	L	C (max)
SON-T 250W E E40 SL/12	47 mm	66 mm	158 mm	255 mm

Photometric data





Light Distribution Diagram - SON-T 250W E E40 SL/12

Spectral Power Distribution Colour - SON-T 250W E E40 SL/12

400

300

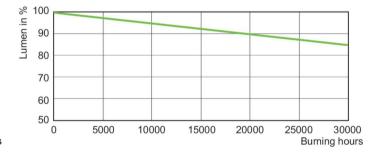
250

200 150

100

50

300



500

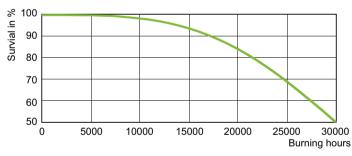
600

700

λ[nm]

Lumen Maintenance Diagram - SON-T 250W E E40 SL/12

Lifetime



Life Expectancy Diagram - SON-T 250W E E40 SL/12

Datasheet, 2023, April 14

SON-T



© 2023 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.

www.lighting.philips.com 2023, April 14 - data subject to change