



SON-T Comfort

SON-T Comfort 150W/621 E40 1SL

High Pressure Sodium lamp with clear tubular outer bulb and a comfortable color impression

Product data

• General Characteristics

System Description	External Ignitor
Cap-Base	E40
Bulb	T46 [T 46mm]
Bulb Finish	Clear
Operating Position	any [Any or Universal (U)]
Life to 5% failures	9000 hr
Life to 10% failures	12000 hr
Life to 20% failures	16000 hr
Life to 50% failures	24000 hr
LSF EM 2000h Rated, 12h cycle	50 %
LSF EM 4000h Rated, 12h cycle	99 %
LSF EM 6000h Rated, 12h cycle	98 %
LSF EM 8000h Rated, 12h cycle	96 %
LSF EM 12000h Rated, 12h cycle	90 %
LSF EM 16000h Rated, 12h cycle	80 %
LSF EM 20000h Rated, 12h cycle	65 %

• Light Technical Characteristics

Color Code	621
Color Rendering Index	60 (nom), 70 (max) Ra8
Color Temperature Technical	2150 K
Color Temperature	2050 (min), 2150 (nom), 2250 (max) K
Luminous Flux EM 25°C, Rated	13000 Lm
Lum Efficacy Rated EM 25°C	85 Lm/W

Luminance Average EM	400 cd/cm ²
LLMF EM 2000h Rated	96 %
LLMF EM 4000h Rated	95 %
LLMF EM 6000h Rated	94 %
LLMF EM 8000h Rated	93 %
LLMF EM 12000h Rated	92 %
LLMF EM 16000h Rated	91 %
LLMF EM 20000h Rated	90 %
Chromaticity Coordinate X	513 -
Chromaticity Coordinate Y	419 -

• Electrical Characteristics

Lamp Wattage	150 W
Lamp Wattage EM 25°C, Nominal	150.0 W
Lamp Wattage EM 25°C, Rated	150.0 W
Lamp Voltage	100 V
Lamp Current EM	1.82 A
Ignition Time	5 (max) s
Run-up time 90%	6 (max) min
Dimmable	No
Re-ignition Time [sec]	120 (max) s
Ratio scotopic/photopic lumens	0.75 -

PHILIPS

• Environmental Characteristics

Energy Efficiency Label (EEL)	A+
Mercury (Hg) Content	19 mg
Energy consumption kWh/1000h	165 kWh

• Luminaire Design Requirements

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

• Product Dimensions

Overall Length C	211 (max) mm
Diameter D	47 (max) mm
Light Center Length L	132 mm

Arc Length O 43 mm

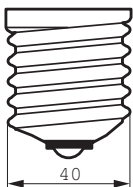
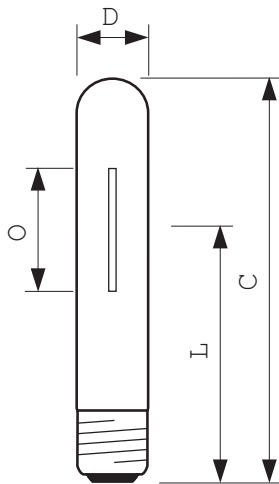
• Product Data

Order code	928154609230
Full product code	928154609230
Full product name	SON-T Comfort 150W/621 E40 1SL
Order product name	SON-T Comfort 150W/621 E40 1SL/12
Pieces per pack	1
Packing configuration	12
Packs per outerbox	12
Bar code on pack - EAN1	8711500192288
Bar code on outerbox - EAN3	8711500192707
Logistic code(s) - 12NC	928154609230
ILCOS code	STM-150-H/E-E40
Net weight per piece	0.134 kg

Warnings and Safety

- Control gear must include end-of-life protection (IEC60662, IEC 62035)

Dimensional drawing

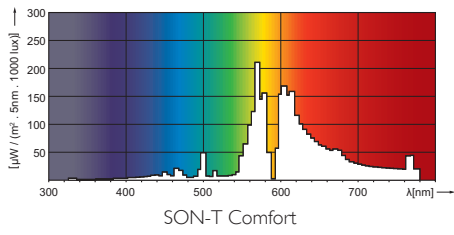


E40

SON-T Comfort 150W/621 E40 1SL

Product	C (Max)	D (Max)	L (Norm)	O (Norm)
SON-T Comfort 150W/621 E40	211	47	132	43

Photometric data



© 2014 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

2014, April 11
data subject to change