



# SON-T Comfort

SON-T Comfort 400W/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 20000h	65 %
Rated,12h cycle	
LSF EM 16000h	80 %
Rated,12h cycle	
LSF EM 12000h	90 %
Rated,12h cycle	
LSF EM 8000h Rated,	96 %
12h cycle	
LSF EM 6000h Rated,	98 %
12h cycle	
LSF EM 4000h Rated,	99 %
12h cycle	
LSF EM 2000h Rated,	99 %
12h cycle	

### • Light Technical Characteristics

Color Code	621
Color Rendering Index	65 (nom), 70 (max) Ra8
Color Temperature	2150 K
Color Temperature Technical	2050 (min), 2150 (nom), 2250 (max) K
Chromaticity Coordinate X	510 -
Chromaticity Coordinate Y	415 -

Luminance Average EM	400 cd/cm <sup>2</sup>
Lum Efficacy Rated EM 25°C	95 Lm/W
LLMF EM 20000h Rated	80 %
LLMF EM 16000h Rated	82 %
LLMF EM 12000h Rated	85 %
LLMF EM 8000h Rated	87 %
LLMF EM 6000h Rated	89 %
LLMF EM 4000h Rated	92 %
LLMF EM 2000h Rated	96 %
Luminous Flux EM 25°C, Rated	38000 Lm

### • Electrical Characteristics

Lamp Wattage	400 W
Lamp Voltage	100 V
Lamp Current EM	4.5 A
Ignition Time	5 (max) s
Run-up time 90%	15 (max) min
Dimmable	No
Re-ignition Time [sec]	120 (max) s
Lamp Wattage EM 25°C, Rated	380 W
Lamp Wattage EM 25°C, Nominal	400 W

# PHILIPS

sense and simplicity

# SON-T Comfort

## • Environmental Characteristics

Mercury (Hg) Content 38 mg

## • Luminaire Design Requirements

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

## • Product Dimensions

Overall Length C 283 (max) mm  
Diameter D 47 (max) mm  
Light Center Length L 175 mm  
Arc Length O 59 mm

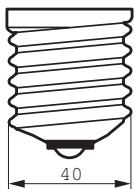
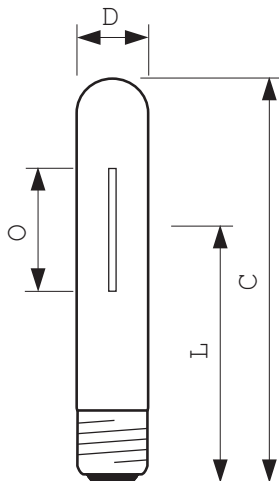
## • Product Data

Order code 928156209230  
Full product code 928156209230  
Full product name SON-T Comfort 400W/621 E40 1SL  
Order product name SON-T Comfort 400W/621 E40 1SL/12  
Pieces per pack 1  
Packing configuration 12  
Packs per outerbox 12  
Bar code on pack - EAN1 8711500179869  
Bar code on outerbox - EAN3 8711500182913  
Logistic code(s) - 12NC 928156209230  
ILCOS code STM-400-H/E-E40  
Net weight per piece 0.177 kg

## Warnings and Safety

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

## Dimensional drawing

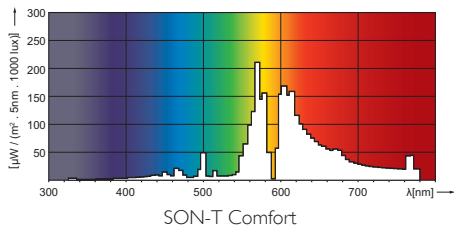


E40

## SON-T Comfort, E40

Product	C (Max)	D (Max)	L (Norm)	O (Norm)
SON-T Comfort 400W/621 E40	283	47	175	59

## Photometric data



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data subject to change