



SON-T Comfort

SON-T Comfort 250W/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 EM	2050 (min), 2150 (nom), 2250 (max) K
Luminous Flux EM 25°C, Rated	23000 Lm
Lum Efficacy Rated EM 25°C	93 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	514 -
Chromaticity Coordinate Y	420 -

• Electrical Characteristics

Lamp Wattage	250 W
Lamp Wattage EM 25°C, Nominal	250.0 W
Lamp Wattage EM 25°C, Rated	248.0 W
Lamp Voltage	100 V
Lamp Current EM	3.05 A
Ignition Time	5 (max) s
Run-up time 90%	15 (max) min
Dimmable	No
Re-ignition Time [sec]	120 (max) s
Ratio scotopic/photopic lumens	0.75 -

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• Environmental Characteristics

Energy Efficiency Label (EEL)	A+
Mercury (Hg) Content	38 mg
Energy consumption kWh/1000h	272 kWh

• Luminaire Design Requirements

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

• Product Dimensions

Overall Length C	257 (max) mm
Diameter D	47 (max) mm
Light Center Length L	158 mm

Arc Length O 53 mm

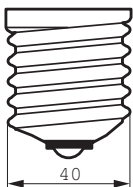
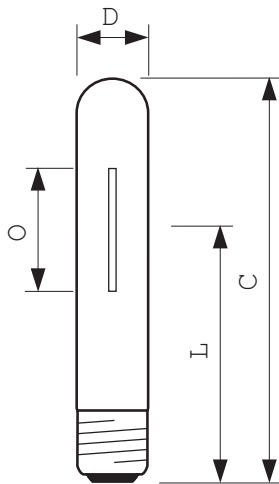
• Product Data

Order code	928156009230
Full product code	928156009230
Full product name	SON-T Comfort 250W/621 E40 1SL
Order product name	SON-T Comfort 250W/621 E40 1SL/12
Pieces per pack	1
Packing configuration	12
Packs per outerbox	12
Bar code on pack - EAN1	8711500179852
Bar code on outerbox - EAN3	8711500183187
Logistic code(s) - 12NC	928156009230
ILCOS code	STM-250-H/E-E40
Net weight per piece	0.166 kg

Warnings and Safety

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

Dimensional drawing

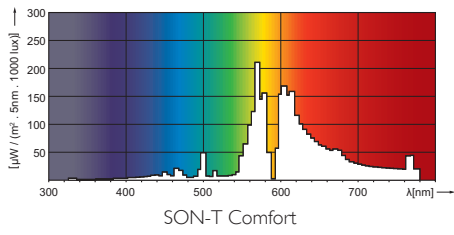


E40

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Product	C (Max)	D (Max)	L (Norm)	O (Norm)
SON-T Comfort 250W/621 E40	257	47	158	53

Photometric data



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data subject to change