



SON-T

SON-T 400W/220 E40 1SL

High Pressure Sodium lamp with clear tubular outer bulb

Product data

• General Characteristics

System Description	External Ignitor
Cap-Base	E40
Cap-Base Information	-
Bulb	T46 [T 46mm]
Bulb Finish	Clear
Operating Position	any [Any or Universal (U)]
Life to 5% failures	14000 hr
Life to 10% failures	17000 hr
Life to 20% failures	21500 hr
Life to 50% failures	30000 hr
LSF EM 20000h	84 %
Rated,12h cycle	
LSF EM 16000h	92 %
Rated,12h cycle	
LSF EM 12000h	97 %
Rated,12h cycle	
LSF EM 8000h Rated,	99 %
12h cycle	
LSF EM 6000h Rated,	99 %
12h cycle	
LSF EM 4000h Rated,	99 %
12h cycle	
LSF EM 2000h Rated,	99 %
12h cycle	

• Light Technical Characteristics

Color Code	220 [CCT of 2000K]
Color Rendering Index	25 (max) Ra8
Color Temperature	2000 K
Color Temperature Technical	2000 K
Chromaticity Coordinate X	525 -

Chromaticity Coordinate Y	415 -
Luminance Average EM	550 cd/cm ²
Lum Efficacy Rated EM 25°C	123 Lm/W
LLMF EM 20000h Rated	90 %
LLMF EM 16000h Rated	92 %
LLMF EM 12000h Rated	94 %
LLMF EM 8000h Rated	96 %
LLMF EM 6000h Rated	97 %
LLMF EM 4000h Rated	98 %
LLMF EM 2000h Rated	99 %
Luminous Flux EM 25°C, Rated	48000 Lm

• Electrical Characteristics

Lamp Wattage	400 W
Lamp Voltage	100 V
Lamp Current EM	4.6 A
Ignition Time	5 (max) s
Run-up time 90%	5 (max) min
Dimmable	Yes
Re-ignition Time [sec]	120 (max) s
Lamp Wattage EM 25°C, Rated	392 W
Lamp Wattage EM 25°C, Nominal	400 W

PHILIPS

sense and simplicity

• Environmental Characteristics

Mercury (Hg) Content 41 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 48 (max) mm
Light Center Length L 175 mm
Arc Length O 87 mm

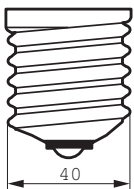
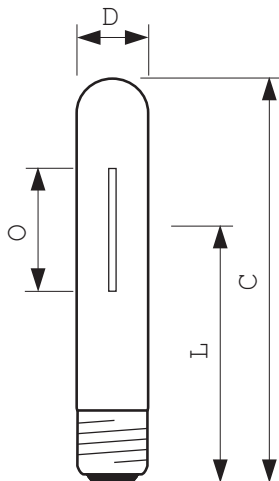
• Product Data

Order code 928144509230
Full product code 928144509230
Full product name SON-T 400W/220 E40 1SL
Order product name SON-T 400W/220 E40 1SL/12
Pieces per pack 1
Packing configuration 12
Packs per outerbox 12
Bar code on pack - EAN1 8711500179845
Bar code on outerbox - EAN3 8711500182890
Logistic code(s) - 12NC 928144509230
ILCOS code ST-400-H/E-E40
Net weight per piece 0.175 kg

Warnings and Safety

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

Dimensional drawing

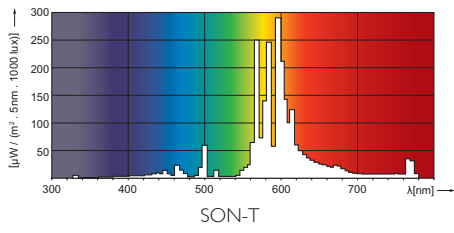


E40

SON-T, E27/E40

Product	C (Max)	D (Max)	L (Norm)	O (Norm)
SON-T 400W/220 E40	283	48	175	87

Photometric data



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data subject to change