



SON-T

SON-T 150W/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 2000h Rated, 12h cycle	99 %
LSF EM 4000h Rated, 12h cycle	99 %
LSF EM 6000h Rated, 12h cycle	99 %
LSF EM 8000h Rated, 12h cycle	99 %
LSF EM 12000h Rated, 12h cycle	97 %
LSF EM 16000h Rated, 12h cycle	92 %
LSF EM 20000h Rated, 12h cycle	84 %

• Light Technical Characteristics

Color Code	220 [CCT of 2000K]
Color Rendering Index	25 (max) Ra8
Color Temperature	2000 K
Luminous Flux EM 25°C, Rated	15000 Lm
Lum Efficacy Rated EM 25°C	98 Lm/W

Luminance Average EM	300 cd/cm ²
LLMF EM 2000h Rated	99 %
LLMF EM 4000h Rated	98 %
LLMF EM 6000h Rated	97 %
LLMF EM 8000h Rated	96 %
LLMF EM 12000h Rated	94 %
LLMF EM 16000h Rated	92 %
LLMF EM 20000h Rated	90 %
Chromaticity Coordinate X	535 -
Chromaticity Coordinate Y	415 -

• Electrical Characteristics

Lamp Wattage	150 W
Lamp Wattage EM 25°C, Nominal	150.0 W
Lamp Wattage EM 25°C, Rated	147.0 W
Lamp Voltage	100 V
Lamp Current EM	1.8 A
Ignition Time	5 (max) s
Run-up time 90%	5 (max) min
Dimmable	Yes
Re-ignition Time [sec]	180 (max) s
Ratio scotopic/photopic lumens	0.55 -

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• Environmental Characteristics

Energy Efficiency Label (EEL)	A+
Mercury (Hg) Content	20 mg
Energy consumption kWh/1000h	161 kWh

• Luminaire Design Requirements

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

• Product Dimensions

Overall Length C	210 (max) mm
Diameter D	48 (max) mm
Light Center Length L	132 mm

Arc Length O 61 mm

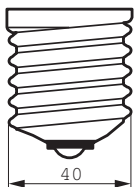
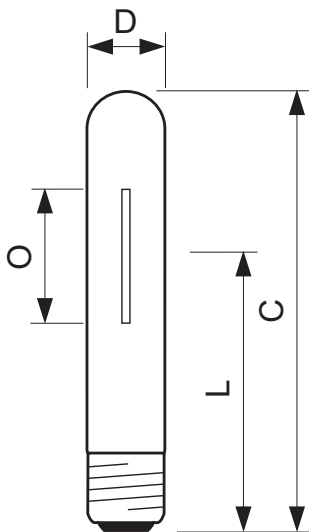
• Product Data

Order code	928150409288
Full product code	928150409288
Full product name	SON-T 150W/220 E40 1SL
Order product name	SON-T 150W/220 E40 1SL
Pieces per pack	1
Packing configuration	12
Packs per outerbox	12
Bar code on pack - EAN1	8710163146157
Bar code on outerbox - EAN3	8727900077841
Logistic code(s) - 12NC	928150409288
ILCOS code	ST-150-H/E-E40
Net weight per piece	0.160 kg

Warnings and Safety

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

Dimensional drawing

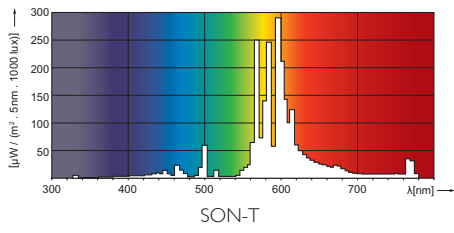


E40

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Product	C (Max)	D (Max)	L (Norm)	O (Norm)
SON-T 150W/220 E40	210	48	132	61

Photometric data



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data subject to change