



SON-T

SON-T 70W/220 E27 1CT

High Pressure Sodium lamp with clear tubular outer bulb

Product data

• General Characteristics

System Description	External Ignitor
Cap-Base	E27
Cap-Base Information	-
Bulb	T35 [T 35mm]
Bulb Finish	Clear
Operating Position	any [Any or Universal (U)]
Life to 5% failures	12000 hr
Life to 10% failures	15000 hr
Life to 20% failures	19000 hr
Life to 50% failures	28000 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	6000 Lm
Lum Efficacy Rated EM 25°C	84 Lm/W

Luminance Average EM	270 cd/cm ²
LLMF EM 2000h Rated	89 %
LLMF EM 4000h Rated	86 %
LLMF EM 6000h Rated	85 %
LLMF EM 8000h Rated	84 %
LLMF EM 12000h Rated	81 %
LLMF EM 16000h Rated	81 %
LLMF EM 20000h Rated	80 %
Chromaticity Coordinate X	540 -
Chromaticity Coordinate Y	413 -

• Electrical Characteristics

Lamp Wattage	70 W
Lamp Wattage EM 25°C, Nominal	70.0 W
Lamp Wattage EM 25°C, Rated	70.0 W
Lamp Voltage	90 V
Lamp Current EM	0.98 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	0.50 -

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• Environmental Characteristics

Energy Efficiency Label (EEL)	A+
Mercury (Hg) Content	16 mg
Energy consumption kWh/1000h	77 kWh

• Luminaire Design Requirements

Cap-Base Temperature	200 (max) C
Bulb Temperature	350 (max) C

• Product Dimensions

Overall Length C	156 (max) mm
Diameter D	36 (max) mm
Light Center Length L	102 mm

Arc Length O 42 mm

• Product Data

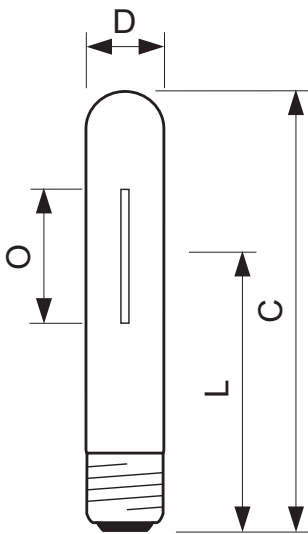
Order code	928152800035
Full product code	928152800035
Full product name	SON-T 70W/220 E27 1CT
Order product name	SON-T 70W/220 E27 1CT/12
Pieces per pack	1
Packing configuration	12
Packs per outerbox	12
Bar code on pack - EAN1	8711500192677
Bar code on outerbox - EAN3	8711500193117
Logistic code(s) - 12NC	928152800035
ILCOS code	ST-70-H/E-E27
Net weight per piece	0.046 kg

Warnings and Safety

- Control gear must include end-of-life protection (IEC60662, IEC 62035)
- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and

remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

Dimensional drawing

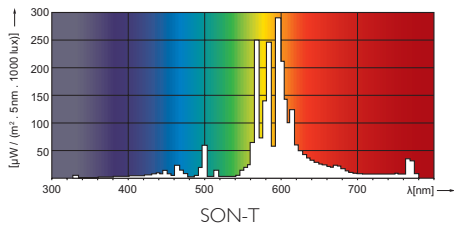


E27

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Product	C (Max)	D (Max)	L (Norm)	O (Norm)
SON-T 70W/220 E27	156	36	102	42

Photometric data



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data subject to change