



SON

SON 50W/220 | E27 1CT

High Pressure Sodium lamp with opalized ovoid outer bulb

Product data

• General Characteristics

System Description	Internal Ignitor
Cap-Base	E27
Bulb	B70 [B 70mm]
Bulb Finish	Coated
Operating Position	any [Any or Universal (U)]
Life to 5% failures	10000 hr
Life to 10% failures	13000 hr
Life to 20% failures	18000 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	98 %
LSF EM 8000h Rated, 12h cycle	97 %
LSF EM 12000h Rated, 12h cycle	92 %
LSF EM 16000h Rated, 12h cycle	84 %
LSF EM 20000h Rated, 12h cycle	74 %

• Light Technical Characteristics

Color Code	220 [CCT of 2000K]
Color Rendering Index	25 (max) Ra8
Color Temperature	2000 K
Luminous Flux Lamp EM	3500 Lm
Luminous Flux EM 25°C, Rated	3500 Lm
Lum Efficacy Rated EM 25°C	70 Lm/W

Luminance Average EM	4.5 cd/cm ²
LLMF EM 2000h Rated	88 %
LLMF EM 4000h Rated	84 %
LLMF EM 6000h Rated	83 %
LLMF EM 8000h Rated	81 %
LLMF EM 12000h Rated	80 %
LLMF EM 16000h Rated	79 %
LLMF EM 20000h Rated	78 %
Chromaticity Coordinate X	540 -
Chromaticity Coordinate Y	415 -

• Electrical Characteristics

Lamp Wattage	50 W
Lamp Wattage EM 25°C, Nominal	50.0 W
Lamp Wattage EM 25°C, Rated	50.0 W
Lamp Voltage	85 V
Lamp Current EM	0.76 A
Dimmable	Yes

• Environmental Characteristics

Mercury (Hg) Content	12 mg
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• Luminaire Design Requirements

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

• Product Dimensions

Overall Length C	156 (max) mm
Diameter D	71 (max) mm
Light Center Length L	70 mm

• Product Data

Order code	928150808828
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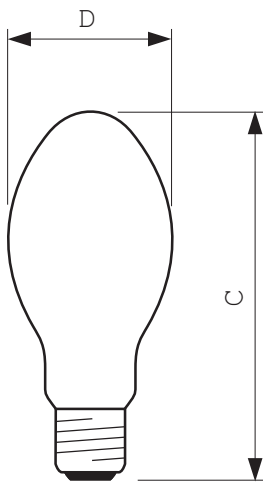
Full product code	928150808828
Full product name	SON 50W/220 I E27 1CT
Order product name	SON 50W/220 I E27 1CT/24
Pieces per pack	1
Packing configuration	24
Packs per outerbox	24
Bar code on pack - EAN1	8711500181893
Bar code on outerbox - EAN3	8711500181909
Logistic code(s) - 12NC	928150808828
ILCOS code	SE-50-H/I-E27
Net weight per piece	0.057 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

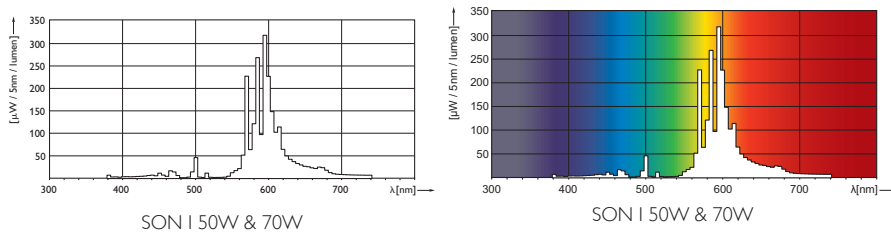


E27

SON 50W/220 I E27 1CT

Product	C (Max)	D (Max)
SON 50W/220 I E27	156	71

Photometric data



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data subject to change