



# SON

SON 70W/220 | E27 1CT

High Pressure Sodium lamp with opalized ovoid outer bulb

## Product data

### • General Characteristics

System Description	Internal Ignitor
Cap-Base	ES [ES]
Bulb	B70 [B 70mm]
Bulb Finish	Coated
Burning Position	any [Any/Universal]
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

Colour Code	220 [CCT of 2000K]
Colour Rendering Index	25 (max) Ra8
Colour Temperature	2000 K
Lamp Luminous Flux EM	5600 Lm
Luminous Flux EM 25°C, Rated	5600 Lm
Lamp Luminous Efficacy EM	80 Lm/W

Lum Efficacy Rated EM 25°C	80 Lm/W
Lumen Maintenance 2000h	88 %
Lumen Maintenance 5000h	83.5 %
Lumen Maintenance 10000h	81 %
Lumen Maintenance 20000h	78 %
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	70 W
Lamp Wattage EM 25°C, Nominal	70.0 W
Lamp Wattage EM 25°C, Rated	70.0 W
Lamp Voltage	90 V

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Lamp Current EM 0.98 A  
Dimmable yes

Diameter D 71 (max) mm  
Light Center Length 105 mm  
L

#### • Environmental Characteristics

Energy Efficiency Label (EEL) A+  
Mercury (Hg) Content 16.3 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 155 (max) mm

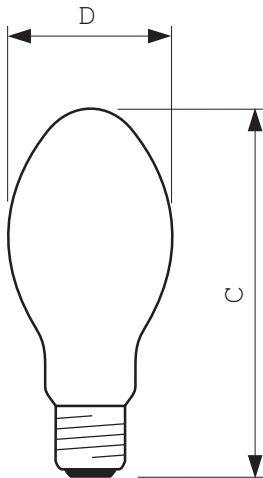
#### • Product Data

Order code 181862 30  
Full product code 871150018186230  
Full product name SON 70W/220 I E27 1CT  
Order product name SON 70W/220 I E27 1CT/24  
Pieces per pack 1  
Packing configuration 24  
Packs per outerbox 24  
Bar code on pack - EAN1 8711500181862  
Bar code on outerbox - EAN3 8711500181879  
Logistic code(s) - 12NC 928150108828  
ILCOS code SE-70-H/I-E27  
Net weight per piece 0.057 kg

## Warnings and Safety

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

## Dimensional drawing

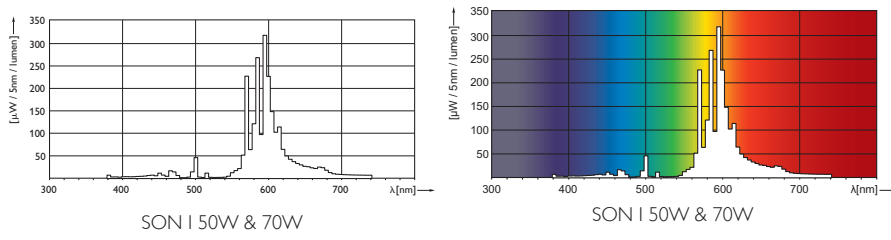


E27

### SON 70W/220 I E27 1CT

Product	C (Max)	D (Max)
SON 70W/220 I E27	155	71

## Photometric data



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data subject to change