



SON

SON 70W E E27 CO 1CT/24

High Pressure Sodium lamp with opalized ovoid outer bulb

Product data

• General Information

Cap base	E27 [E27]
Bulb shape	BF70 [BF 70mm]
Burning Position	UNIVERSAL [Any/Universal]
Life to 5% failures (nom.)	12000 h
Life to 20% failures (nom.)	22000 h
Life to 50% failures (nom.)	28000 h
System description	External Ignitor (E)
LSF 2000 h Rated	99 %
LSF 4000 h Rated	99 %
LSF 6000 h Rated	99 %
LSF 8000 h Rated	98 %
LSF 12000 h Rated	94 %
LSF 16000 h Rated	86 %
LSF 20000 h Rated	76 %

• Light Technical

Lamp Luminous Flux (Min)	4500 lm
Lamp Luminous Flux (Nom)	5600 lm
Lumen maintenance 10,000 hours (nom.)	85 %
Lumen maintenance 2,000 hours (min.)	85 %
Lumen maintenance 2,000 hours (nom.)	93 %
Lumen maintenance 5,000 hours (min.)	80 %
Lumen maintenance 5,000 hours (nom.)	88 %
Colour Temperature, horizontal (Nom)	2000 K

Lamp Luminous Efficiency EM (Nom)	80 lm/W
Colour Rendering Index,horiz (Max)	25
Colour Rendering Index,horiz (Nom)	-
LLMF 2000 h Rated	93 %
LLMF 4000 h Rated	89 %
LLMF 6000 h Rated	86 %
LLMF 8000 h Rated	84 %
LLMF 12000 h Rated	81 %
LLMF 16000 h Rated	79 %
LLMF 20000 h Rated	78 %

• Operating and Electrical

Power (Rated) (Nom)	70.0 W
Lamp current (EM) (nom.)	0.98 A
Ignition supply voltage (max.)	198 V
Ignition peak voltage (max.)	1800 V
Re-ignition time (min.) (max.)	180 s
Ignition time (max.)	5 s
Voltage (Max)	105 V
Voltage (Min)	75 V
Voltage (Nom)	90 V

• Controls and Dimming

Dimmable	yes
Run-up time 90% (max.)	5 min

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• Mechanical and Housing

Bulb finish Coated [Coated glass (CO)]

• Approval and Application

Energy efficiency label A
(EEL)
Mercury (Hg) 16.3 mg
content (nom.)
Energy Consumption 77 kWh
kWh/1000 h

• Luminaire Design Requirements

Bulb temperature 350 °C
(max.)

Cap base tempera- 200 °C
ture (max.)

• Product Data

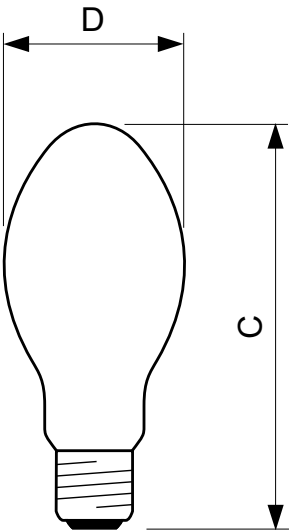
Full product code 871150021024130
Order product name SON 70W E E27 CO 1CT/24
EAN/UPC – product 8711500210241
Order code 928486700091
Local Code SON70WES
Numerator – quan- 1
tity per pack
Numerator – packs 24
per outer box
Material no. (12NC) 928486700091
Net weight (piece) 0.059 kg

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



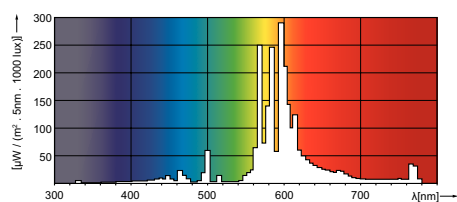
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SON 70W E E27 CO

Product	D	C
SON 70W E E27 CO 1CT/24	71 mm	156 mm



Photometric data



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