

SON

SON 70W E E27 CO 1CT/24 CHINA

High Pressure Sodium lamp with opalized ovoid outer bulb

Product data

• General Information

Cap-Base	E27 [E27]
Operating Position	UNIVERSAL [Any or Universal (U)]
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

Colour Code	220 [CCT of 2000K]
Luminous Flux (Rated) (Min)	4500 lm
Luminous Flux (Rated) (Nom)	5600 lm
Lumen Maintenance 10000 h (Nom)	85 %
Lumen Maintenance 2000 h (Min)	85 %
Lumen Maintenance 2000 h (Nom)	93 %
Lumen Maintenance 5000 h (Min)	80 %
Lumen Maintenance 5000 h (Nom)	88 %
Colour Temperature, horizontal (Nom)	2000 K
Luminous Efficacy (rated) (Nom)	80 lm/W
Colour Rendering Index horiz (Max)	25
Colour Rendering Index horiz (Nom)	-
Depreciation 2000 hrs	93 %
LLMF 4000 h Rated	89 %
Depreciation 5000 hrs	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

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Run-up Time 90% (Max)	5 min

- Mechanical and Housing

Bulb Finish	Coated [Coated glass (CO)]

- Approval and Application

Energy Efficiency Label	A+
Mercury (Hg) Content (Nom)	16.3 mg
Energy Consumption kWh/1000 h	77 kWh

- Luminaire Design Requirements

Bulb Temperature (Max)	350 °C
Cap-Base Temperature (Max)	200 °C

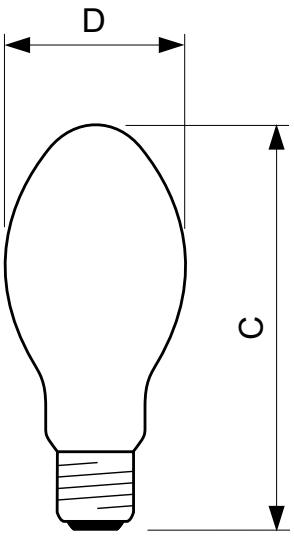
- Product Data

Full product code	871150021024130
Order product name	SON 70W E E27 CO 1CT/24
EAN/UPC - Product	8711500210241
Order code	21024130
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	24
Material Nr. (12NC)	928486700091
Net Weight (Piece)	0.057 kg

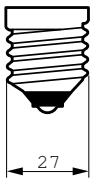
Warnings and Safety

- 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



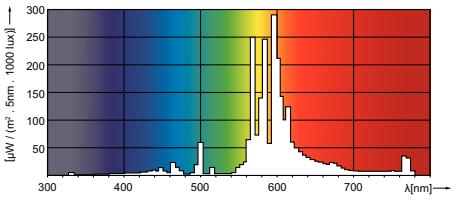
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Product	D	C
SON 70W E E27 CO 1CT/24	71 mm	156 mm

Photometric data



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