

SON H

SON H 68W I E27 1CT/24

High Pressure Sodium lamp with opalized outer bulb retrofit for High Pressure Mercury lamps

Product data

General Information	
Cap-Base	E27 [E27]
Operating Position	UNIVERSAL [Any or Universal (U)]
Life to 5% Failures (Nom)	8000 h
Life to 20% Failures (Nom)	16000 h
Life to 50% Failures (Nom)	28000 h
System Description	Internal Ignitor
LSF 2000 h Rated	99 %
LSF 4000 h Rated	99 %
LSF 6000 h Rated	97 %
LSF 8000 h Rated	95 %
LSF 12000 h Rated	90 %

Light Technical	
Color Code	- [Not Specified]
Luminous Flux (Rated) (Min)	4900 lm
Luminous Flux (Rated) (Nom)	5440 lm
Chromaticity Coordinate X (Nom)	554
Chromaticity Coordinate Y (Nom)	410
Correlated Color Temperature (Nom)	1810 K
Luminous Efficacy (Rated) (Nom)	80 lm/W
Color Rendering Index (Max)	25
Color Rendering Index (Nom)	-
LLMF 2000 h Rated	86 %
LLMF 4000 h Rated	84 %
LLMF 6000 h Rated	82 %
LLMF 8000 h Rated	81 %
LLMF 12000 h Rated	80 %

Operating and Electrical	
Lamp supply voltage	220 V [220]
Power (Rated) (Nom)	70.0 W
Lamp Current (EM) (Nom)	0.84 A
Ignition Supply Voltage (Max)	198 V
Re-Ignition Time (Min) (Max)	600 s
Ignition Time (Max)	10 s
Voltage (Max)	122 V
Voltage (Min)	92 V
Voltage (Nom)	107 V

Controls and Dimming	
Dimmable	No
Run-Up Time 90% (Max)	5 min

Mechanical and Housing	
Bulb Finish	Coated glass

Approval and Application	
Energy Efficiency Label (EEL)	A
Mercury (Hg) Content (Nom)	16.2 mg

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Energy Consumption kWh/1000 h	77 kWh

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

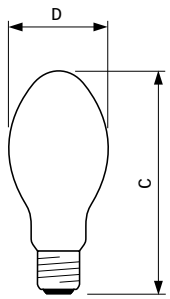
Product Data	
Full product code	871869647838700
Order product name	SON H 68W I E27 1CT/24

EAN/UPC - Product	8718696478387
Order code	928494909891
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	24
Material Nr. (12NC)	928494909891
Net Weight (Piece)	60.000 g

Warnings and Safety

- For use with control gear designed for high-pressure mercury lamps
- For outdoor use only
- 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.

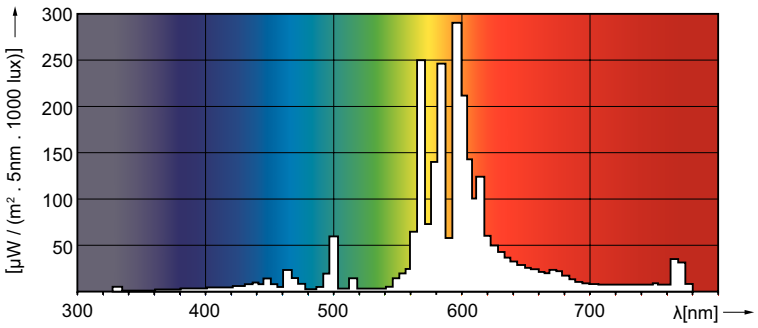
Dimensional drawing



Product	D (max)	C (max)
SON H 68W I E27 1CT/24	71 mm	156 mm

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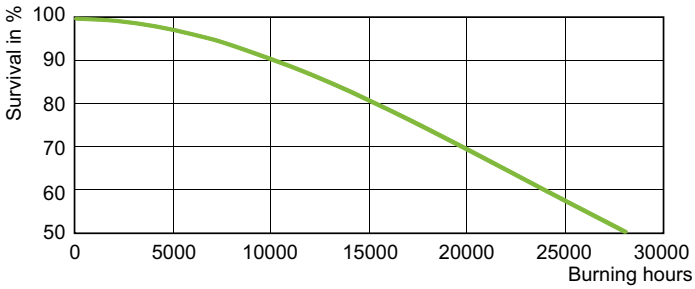
Photometric data



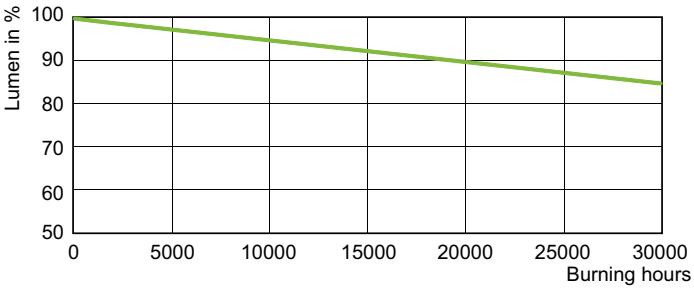
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Lifetime



SON H 68 W, 110 W Life Expectancy



SON H 68 W, 100 W Lumen Maintenance 220 V

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