



SON-T

SON-T 70W/220 E27 1CT/12

High Pressure Sodium lamp with clear tubular outer bulb

Product data

General Information	
Cap base	E27 [E27]
Operating position	UNIVERSAL [Any/Universal]
Life to 5% failures (nom.)	12000 h
Life to 10% failures (nom.)	15000 h
Life to 20% failures (nom.)	19000 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	98 %
LSF 8000 h Rated	97 %
LSF 12000 h Rated	95 %
LSF 16000 h Rated	89 %
LSF 20000 h Rated	79 %
Light Technical	
Colour code	220 [CCT of 2,000 K]
Luminous flux (rated) (nom.)	6000 lm
Chromaticity coordinate X (nom.)	540
Chromaticity coordinate Y (nom.)	413
Correlated colour temperature (nom.)	2000 K
Luminous efficacy (rated) (nom.)	84 lm/W
Color rendering index (max.)	25
Color rendering index (nom.)	-
LLMF 2000 h Rated	89 %

LLMF 4000 h Rated	86 %
LLMF 6000 h Rated	85 %
LLMF 8000 h Rated	84 %
LLMF 12000 h Rated	81 %
LLMF 16000 h Rated	81 %
LLMF 20000 h Rated	80 %
Ratio Scotopic/Photopic Lumens	0.50

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

Mechanical and Housing	
Bulb finish	Clear

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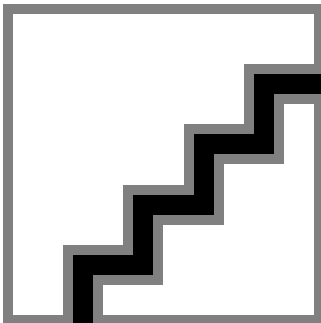
Cap base information	na [-]
Approval and Application	
Energy efficiency label (EEL)	A+
Mercury (Hg) content (nom.)	16 mg
Energy Consumption kWh/1000 h	77 kWh
Luminaire Design Requirements	
Bulb temperature (max.)	350 °C
Cap base temperature (max.)	200 °C
Product Data	
Full product code	871150019267715

Order product name	SON-T 70W/220 E27 1CT/12
EAN/UPC – product	8711500192677
Order code	19267715
Local Code	70SONT
Numerator – quantity per pack	1
Numerator – packs per outer box	12
Material no. (12NC)	928152800035
Net weight (piece)	0.050 kg
ILCOS Code	ST-70-H/E-E27

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.

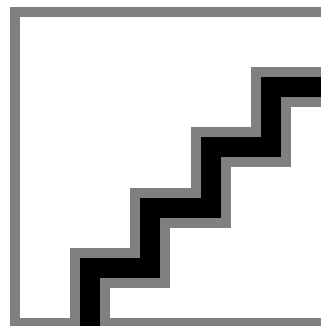
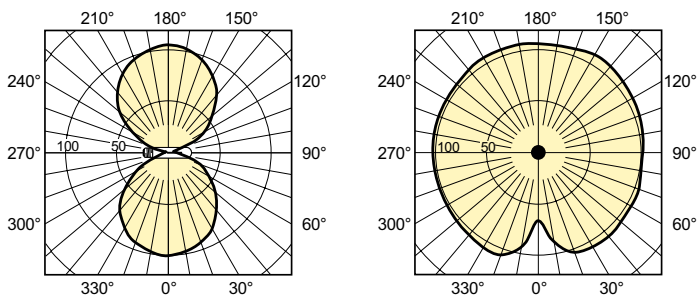
Dimensional drawing



SON-T 70W/220 E27

Product	D (max)	O	L	C (max)
SON-T 70W/220 E27 1CT/12	36 mm	42 mm	102 mm	156 mm

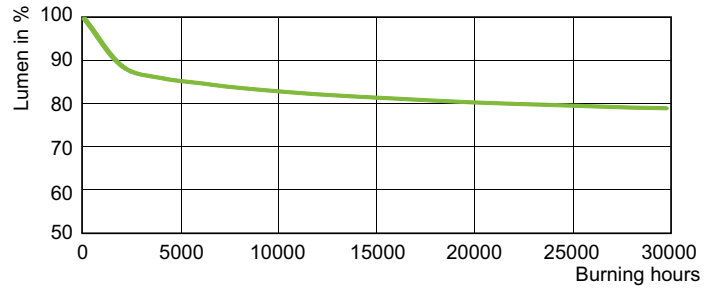
Photometric data



LDPO_SON-T-Spectral power distribution Colour

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Lifetime



LDLE_SON-T_70W-Life expectancy diagram

