



SON

SON 150W E E40 CO 1SL/12

High Pressure Sodium lamp with opalized ovoid outer bulb

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.

Product data

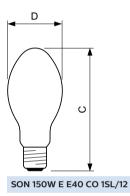
General information		Color Ren
Cap-Base	E40 [E40]	Color Ren
Operating Position	UNIVERSAL [Any or Universal (U)]	
Life to 5% Failures (Nom)	12000 h	Operatir
Life to 20% Failures (Nom)	20000 h	Power (N
Life to 50% Failures (Nom)	28000 h	Lamp Cur
System Description	External Ignitor	Ignition S
		Ignition P
Light technical		Re-Ignitic
Color Code	220 [CCT of 2000K]	Ignition T
Luminous Flux (Rated) (Min)	12375 lm	Voltage (I
Luminous Flux (Rated) (Nom)	13750 lm	Voltage (I
Lumen Maintenance 10000 h (Min)	80 %	Voltage (I
Lumen Maintenance 10000 h (Nom)	85 %	
Lumen Maintenance 2000 h (Min)	90 %	Controls
Lumen Maintenance 2000 h (Nom)	95 %	Dimmable
Lumen Maintenance 5000 h (Min)	85 %	Run-Up T
Lumen Maintenance 5000 h (Nom)	90 %	
Correlated Color Temperature (Nom)	2000 K	Mechani
Luminous Efficacy (rated) (Nom)	93 lm/W	Bulb Finis

Color Rendering Index (Max)	25
Color Rendering Index (Nom)	-
Operating and electrical	
Power (Nom)	147.0 W
Lamp Current (EM) (Nom)	1.8 A
Ignition Supply Voltage (Max)	198 V
Ignition Peak Voltage (Max)	2800 V
Re-Ignition Time (Min) (Max)	180 s
Ignition Time (Max)	5 s
Voltage (Max)	115 V
Voltage (Min)	85 V
Voltage (Nom)	100 V
Controls and dimming	
Dimmable	Yes
Run-Up Time 90% (Max)	5 min
Mechanical and housing	
Bulb Finish	Coated glass

Bulb Shape	ED90 [ED 90mm]
Approval and application	
Mercury (Hg) Content (Nom)	20.4 mg
Energy Consumption kWh/1000 h	162 kWh
Luminaire design requirements	
Bulb Temperature (Max)	350 ℃
Cap-Base Temperature (Max)	250 °C
Product data	
Full product code	871150021028915

Order product name	SON 150W E E40 CO 1SL/12
EAN/UPC - Product	8711500210289
Order code	928486800091
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928486800091
Net Weight (Piece)	0.161 kg

Dimensional drawing

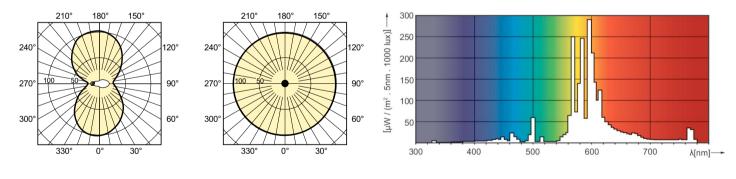


SON 150W E E40 CO 1SL/12 91 mm 226 mm

D (max)

C (max)

Photometric data



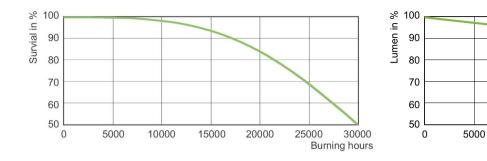
Product

LDLD_SON-Light distribution diagram

LDPO_SON-Spectral power distribution Colour

SON

Lifetime



LDLE_SON_0001-Life expectancy diagram

LDLM_SON_0001-Lumen maintenance diagram

10000

15000

20000

25000

30000

Burning hours



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