



SON

SON 400W 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

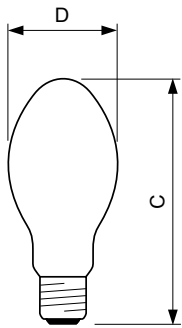
General information	
Cap-Base	E40 [E40]
Operating Position	UNIVERSAL [Any or Universal (U)]
Life to 5% Failures (Nom)	12000 h
Life to 20% Failures (Nom)	20000 h
Life to 50% Failures (Nom)	28000 h
System Description	External Ignitor
Light technical	
Color Code	220 [CCT of 2000K]
Luminous Flux (Rated) (Min)	42000 lm
Luminous Flux (Rated) (Nom)	48000 lm
Lumen Maintenance 10000 h (Min)	81 %
Lumen Maintenance 10000 h (Nom)	88 %
Lumen Maintenance 2000 h (Min)	94 %
Lumen Maintenance 2000 h (Nom)	97 %
Lumen Maintenance 5000 h (Min)	88 %
Lumen Maintenance 5000 h (Nom)	94 %
Correlated Color Temperature (Nom)	2000 K
Luminous Efficacy (rated) (Nom)	122 lm/W

Color Rendering Index (Max)	25
Color Rendering Index (Nom)	-
Operating and electrical	
Power (Nom)	400.0 W
Lamp Current (EM) (Nom)	4.45 A
Ignition Supply Voltage (Max)	198 V
Ignition Peak Voltage (Max)	2800 V
Re-Ignition Time (Min) (Max)	120 s
Ignition Time (Max)	5 s
Voltage (Max)	120 V
Voltage (Min)	90 V
Voltage (Nom)	105 V
Controls and dimming	
Dimmable	Yes
Run-Up Time 90% (Max)	5 min
Mechanical and housing	
Bulb Finish	Coated glass

Bulb Shape	ED120 [ED 120mm]
Approval and application	
Mercury (Hg) Content (Nom)	24.5 mg
Energy Consumption kWh/1000 h	440 kWh
Luminaire design requirements	
Bulb Temperature (Max)	350 °C
Cap-Base Temperature (Max)	250 °C
Product data	
Full product code	871150021032615

Order product name	SON 400W E E40 CO 1SL/12
EAN/UPC - Product	8711500210326
Order code	928487000091
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928487000091
Net Weight (Piece)	0.246 kg

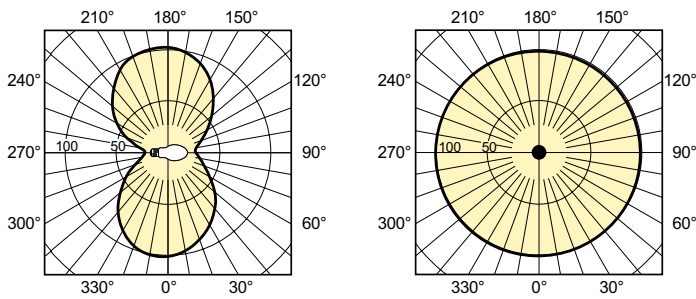
Dimensional drawing



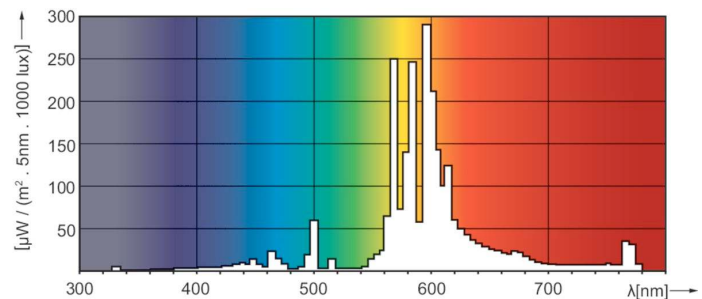
SON 400W E E40 CO 1SL/12

Product	D (max)	C (max)
SON 400W E E40 CO 1SL/12	122 mm	290 mm

Photometric data

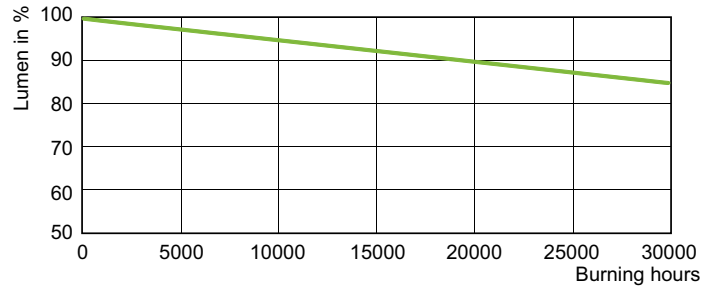
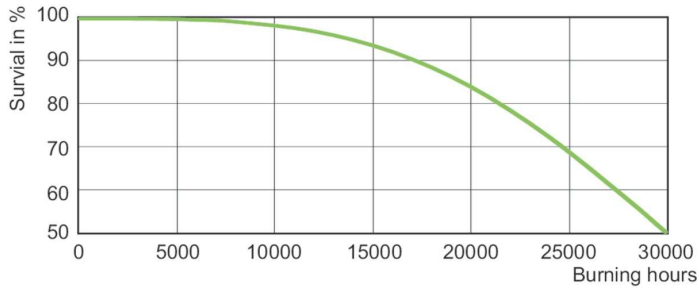


LDLD_SON-Light distribution diagram



LDPO_SON-Spectral power distribution Colour

Lifetime



LDLE_SON_0001-Life expectancy diagram

LDLM_SON_0001-Lumen maintenance diagram

