



# SON

SON 150W E E40 CO 1SL/12

High Pressure Sodium lamp with opalized ovoid outer bulb

## Product data

### • General Information

Cap base	E40 [ GES]
Bulb shape	ED90 [ ED 90mm]
Burning Position	UNIVERSAL [ Any/Universal]
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 (E)

### • Light Technical

Lamp Luminous Flux (Min)	12375 lm
Lamp Luminous Flux (Nom)	13750 lm
Lumen maintenance 10,000 hours (min.)	80 %
Lumen maintenance 10,000 hours (nom.)	85 %
Lumen maintenance 2,000 hours (min.)	90 %
Lumen maintenance 2,000 hours (nom.)	95 %
Lumen maintenance 5,000 hours (min.)	85 %
Lumen maintenance 5,000 hours (nom.)	90 %
Colour Temperature, horizontal (Nom)	2000 K
Lamp Luminous Efficacy EM (Nom)	93 lm/W
Colour Rendering Index,horiz (Max)	25

Colour Rendering Index,horiz (Nom) -

### • Operating and Electrical

Power (Rated) (Nom)	150 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 [ Coated glass (CO)]
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### • Approval and Application

Energy efficiency label (EEL)	A+
Mercury (Hg) content (nom.)	20.4 mg

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Energy Consumption 162 kWh  
kWh/1000 h

• **Luminaire Design Requirements**

Bulb temperature (max.) 350 °C  
Cap base temperature (max.) 250 °C

• **Product Data**

Full product code 871150021028915

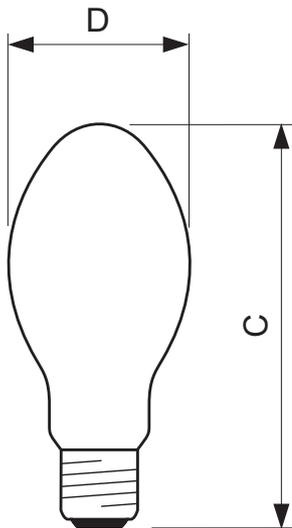
Order product name SON 150W E E40 CO 1SL/12  
EAN/UPC – product 8711500210289  
Order code 928486800091  
Local Code SON150WGES  
Numerator – quantity per pack 1  
Numerator – packs per outer box 12  
Material no. (12NC) 928486800091  
Net weight (piece) 0.161 kg

## Warnings and Safety

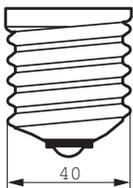
- Control gear must include end-of-life protection (IEC60662, IEC 62035)
- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and

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



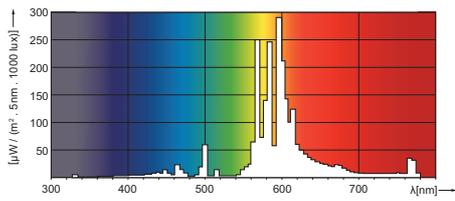
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### SON 150W E E40 CO

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

## Photometric data



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2016, March 7  
data subject to change