

SOX Low-pressure sodium lamps

180 W BY22D



- Road lighting, railway marshalling yards and crossings, airports, harbours and docks, quarries, foundries and rolling mills
- Security and orientation lighting



Technical data

Electrical data

Nominal wattage	180 W
Energy Efficiency Label (EEL)	A++
Rated wattage	180 W
Lamp Current (EM) (Nom)	0.78 A
Voltage (Nom)	240 V
Life to 8% Failures (Nom)	6000 h
Life to 30% Failures (Nom)	8000h
Life to 50% Failures (Nom)	12000h

1) At rated voltage and $\cos \phi \geq 0.9$

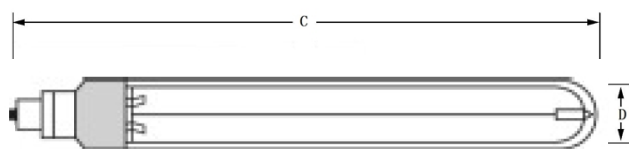
Light technical data

Luminous flux	32000 lm ¹⁾
Luminance	10 cd/cm ²
Luminous efficacy	176 lm/W

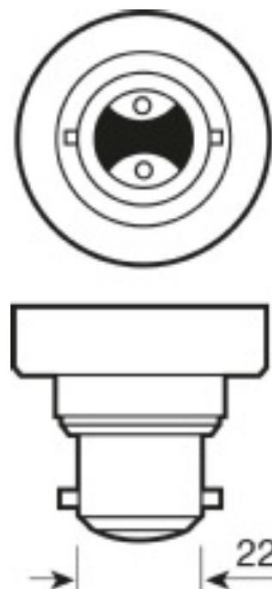
1) Value resulting from operating the lamp with a high-reactance transformer

Dimensions & weight

Diameter	66.0 mm
Length	1120.0 mm



Product line drawing with letters



Base

Colors & materials

Mercury-free	Yes
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Temperatures

Maximum permitted outer bulb temperature	150 °C
Maximum permitted base edge temperature	150 °C

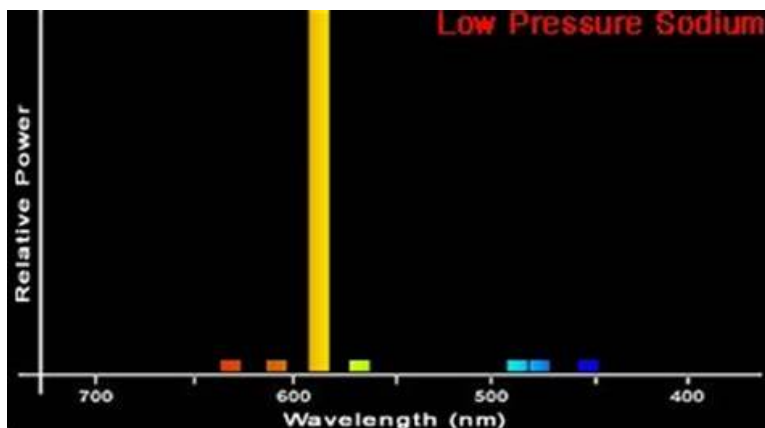
Lifespan

Lifespan	12000 h ¹⁾
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1) Average lifespan

Additional product data

Base (standard designation)	BY22d
Design / version	Clear



Spectral power distribution

Capabilities

Operating Position	P20 [P20]
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Country specific categorizations

ILCOS	LS-180-BY22D-66/1120/P20
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Logistical Data

Product code	Packaging unit (Pieces/Unit)	Dimensions (height x width x length)	Gross weight	Volume
20170620000111	Sleeves 1	1180 mm x 70 mm x 70 mm	1080.00 g dm ³	5.78
20170620000121	Shipping carton box 6	1210 mm x 160 mm x 230mm	6480.00 g	44.53 dm ³

Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.