

**114**  
kWh/1000h

**A+**  
energy class

**102**  
lumens/watt

## Lucalox™ XO Superlife Elliptical Diffuse

LU100/100/XO/SBY/D/E40 GE 1/12 MIH  
88255

### Product information

Lucalox™ XO Superlife lamps comprise a sodium discharge system operating at a high pressure within a ceramic arc tube which is mounted in an outer glass bulb. These lamps offer outstanding luminous efficacy, lumen maintenance thus reducing energy and maintenance costs. All lamps have two arc tubes. The second arc tube will instantly light after a momentary power interruption. Arc tubes are Monolithic construction for 50-400W lamps.

### Application areas



Road and tunnel



Street and  
pedestrian



Commercial areas

## Product data

Product Code	88255
Bulb Shape	Elliptical
Bulb Finish	Diffuse
Maximum Overall Length [mm]	186
Net weight per piece [g]	138
Gross weight per piece [g]	211
Operating position	U - Universal
Mercury Content [mg]	26.56
Brand	GE Lighting
Cap/Base	E40

## Performance data

Rated Lumens [lm]	10020
Weighted energy consumption [kWh/1000h]	113.3
Nominal efficacy [LpW]	102
Rated efficacy [LpW]	97
Energy efficiency class (EEC)	A+
Nominal correlated colour temperature (CCT) [K]	2100
Nominal lumens [lm]	10200
Colour Rendering Index (CRI) [Ra]	25

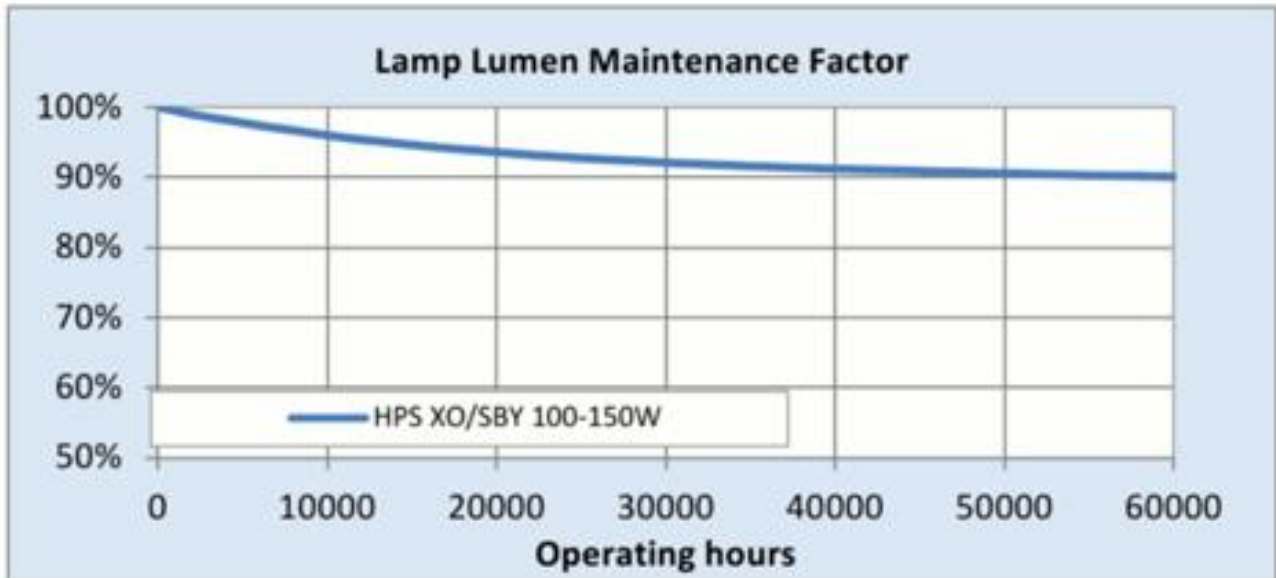
### Electrical data

Rated power [W]	103.0
Lamp Current [A]	1.2
Design Ambient Temperature [°C]	25
Run-up time (sec)	210
Hot restart time (sec)	5
Ballast Required	Yes
Nominal power [W]	100.0
Nominal lamp voltage [V]	100

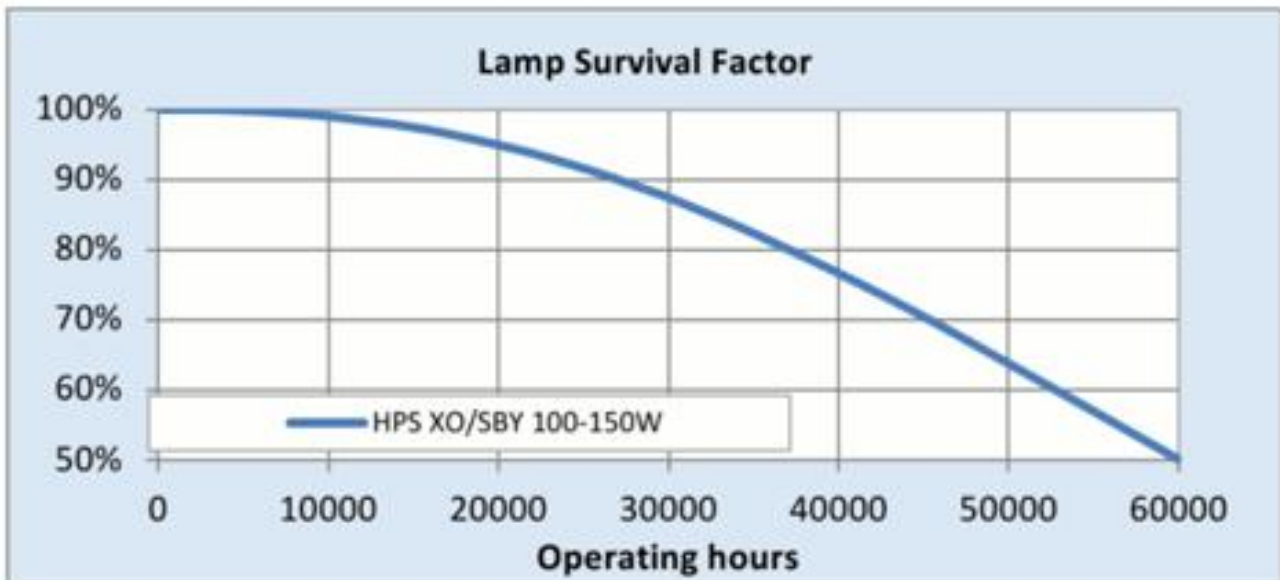
### Logistic data

DUN Code	10043168882559
EAN Code	0043168882552
Pack Quantity	12
Inner pack type	SLEEVE
Outer pack type	OUTER BOX
Layer quantity	120 EUR, 168 UK
Layer quantity EUR	120
Layer quantity UK	168
Pallet quantity EUR (PC)	600
Pallet quantity UK (PC)	840
Outer case size	331 x 250 x 215 (mm)
Product status	Available

## Lumen maintenance data



## Survival data



## Downloads & Links

[Go to the catalog site \(HTTP\)](#)

[HID Lamps Spectrum Catalogue \(EN\) \(PDF\)](#)

[HPS Lucalox™ XO Superlife Data sheet \(PDF\)](#)

[Lighting design tools & calculators \(HTTP\)](#)

[HID Lamps Spectrum Catalogue \(EN\) \(PDF\)](#)

[HPS Lucalox™ XO Superlife Data sheet \(PDF\)](#)

[Lighting design tools & calculators \(HTTP\)](#)

[High-res images / Technical drawings \(HTTP\)](#)

[Certificate for the Quality Management System of GE Lighting EMEA \(PDF\)](#)

[Certificate for the Environmental Management System of GE Lighting EMEA \(PDF\)](#)