



59

kWh/1000h

72

lumens/watt

Lucalox™ XO Elliptical Diffuse

LU 50/85/XO/D/E27 1/12

45696

Product information

GE Lucalox™ XO High Pressure Sodium lamps offer outstanding luminous efficacy, lumen maintenance and long life, thus reducing energy and maintenance costs.

Application areas



Road and tunnel



Street and
pedestrian



Commercial areas

Product data

Product Code	45696
Bulb Shape	Elliptical
Bulb Finish	Diffuse
Maximum Overall Length [mm]	156
Net weight per piece [g]	65
Gross weight per piece [g]	130
Operating position	U - Universal
Mercury Content [mg]	8.3
Brand	GE Lighting
Cap/Base	E27

Performance data

Rated Lumens [lm]	4060
Weighted energy consumption [kWh/1000h]	58.31
Nominal efficacy [LpW]	72
Rated efficacy [LpW]	77
Nominal chromaticity coordinate X	0.53
Nominal chromaticity coordinate Y	0.43
Nominal correlated colour temperature (CCT) [K]	2100
Nominal lumens [lm]	3600
Colour Rendering Index (CRI) [Ra]	25

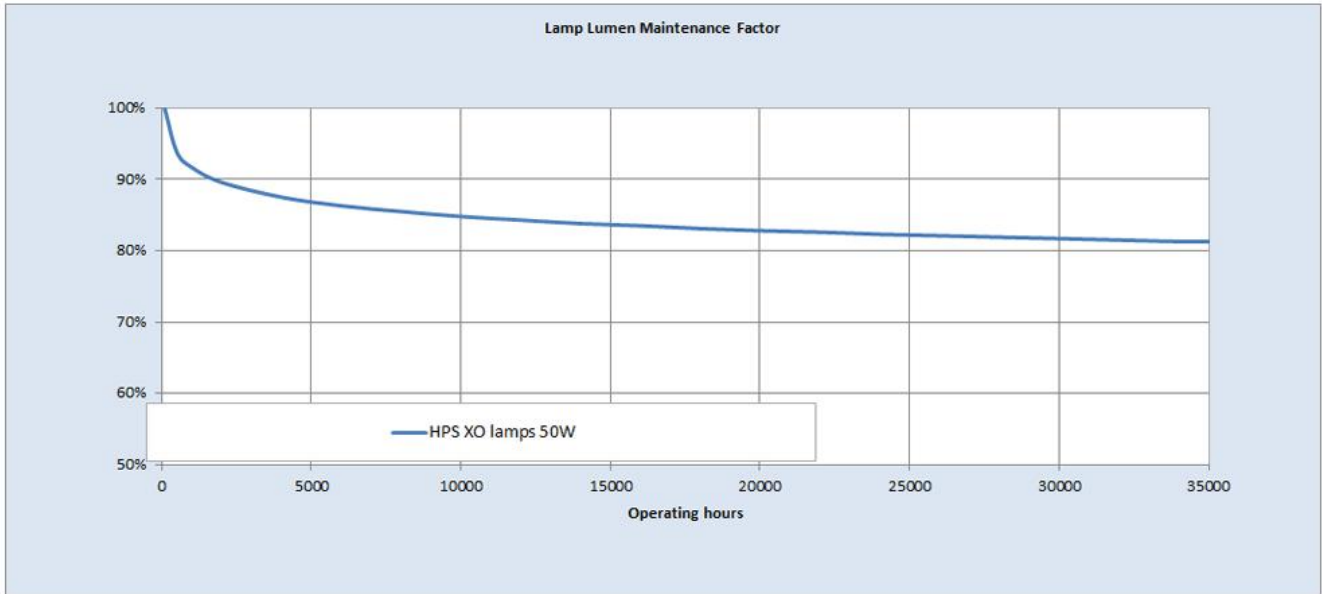
Electrical data

Rated power [W]	53.0
Lamp Current [A]	0.8
Design Ambient Temperature [°C]	25
Run-up time (sec)	180
Hot restart time (sec)	240
Dimming Capability	Yes
Ballast Required	Yes
Nominal power [W]	50
Nominal lamp voltage [V]	85

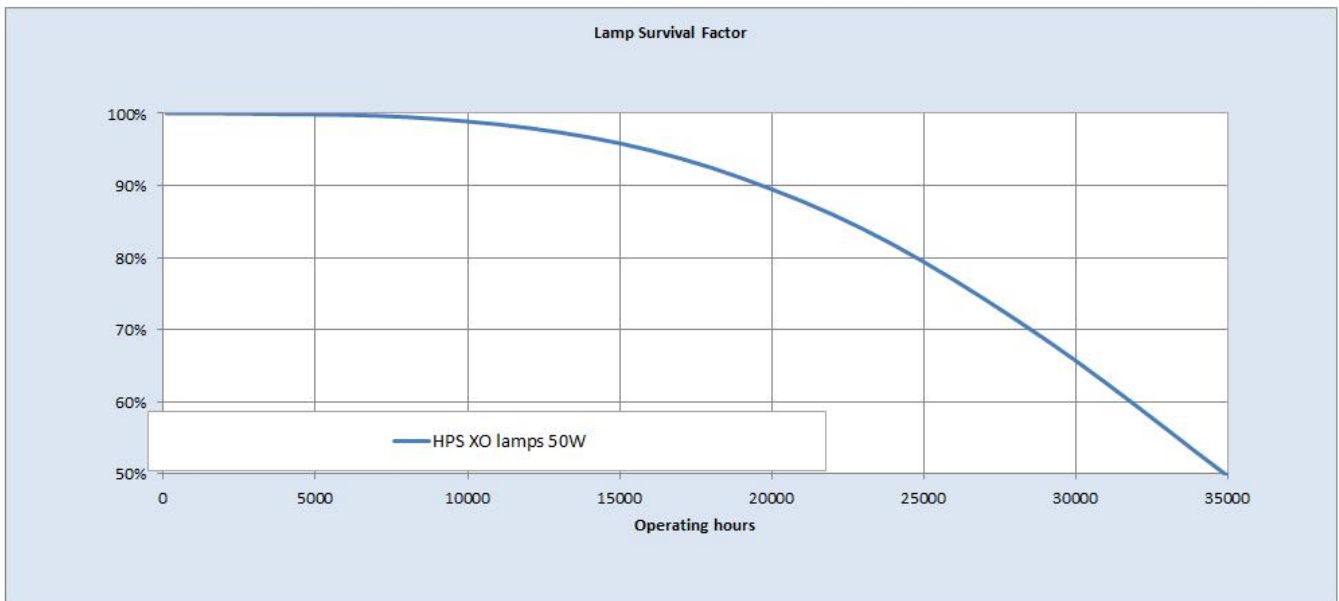
Logistic data

DUN Code	10043168456965
EAN Code	0043168456968
Pack Quantity	12
Inner pack type	SLEEVE
Outer pack type	OUTER BOX
Layer quantity	132 EUR, 180 UK
Layer quantity EUR	132
Layer quantity UK	180
Pallet quantity EUR (PC)	792
Pallet quantity UK (PC)	1080
Outer case size	305 x 230 x 177 (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 Lamps - Data sheet \(EN\) \(PDF\)](#)

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

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

[HPS Lucalox™ XO Lamps - Data sheet \(EN\) \(PDF\)](#)

[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 \(PDF\)](#)

