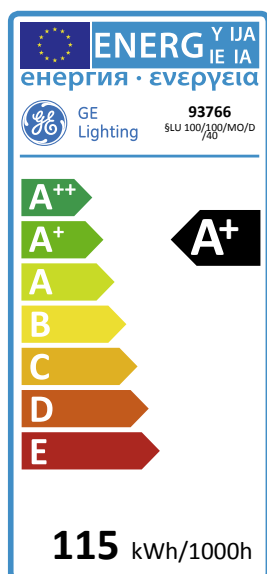




GE  
Lighting



115  
kWh/1000h

A+  
energy class

92  
lumens/watt

## Lucalox™ Standard Elliptical Diffuse

§LU 100/100/MO/D/40

# 93766

### Product information

From GE's invention of HPS lighting in 1965 to today's advanced sources, GE Lucalox™ High Pressure Sodium lamps have led the way in quality and innovation. GE's exclusive amalgam reservoir design works to increase life expectancy and improve lumen maintenance. With efficiencies approaching 130 lumens per watt, GE Lucalox™ Standard lamps are the most efficient light source available with acceptable colour rendering. High efficiency results in lower operating costs and thus a lower electricity bill. Most Lucalox™ lamps have an average rated life of up to 28,500 hours. Long life means lower replacement and maintenance costs.

### Application areas



Road and tunnel



Street and pedestrian



Commercial areas



## Product data

Cap/Base	E40
Bulb Shape	Elliptical
Bulb Finish	Diffuse
Bulb Diameter [mm]	76
Maximum Overall Length [mm]	186
Net weight per piece [g]	70
Gross weight per piece [g]	160
Operating position	U - Universal
Mercury Content [mg]	13.28
Regulatory comment	Product only available outside the EU.
Brand	General Electric (GE)

## Performance data

Colour Rendering Index (CRI) [Ra]	25
Nominal correlated colour temperature (CCT) [K]	2000
Nominal lumens [lm]	9200
Rated Lumens [lm]	9230
Nominal efficacy [LpW]	92
Rated efficacy [LpW]	88.5
Energy efficiency class (EEC)	A+
Weighted energy consumption [kWh/1000h]	114.72

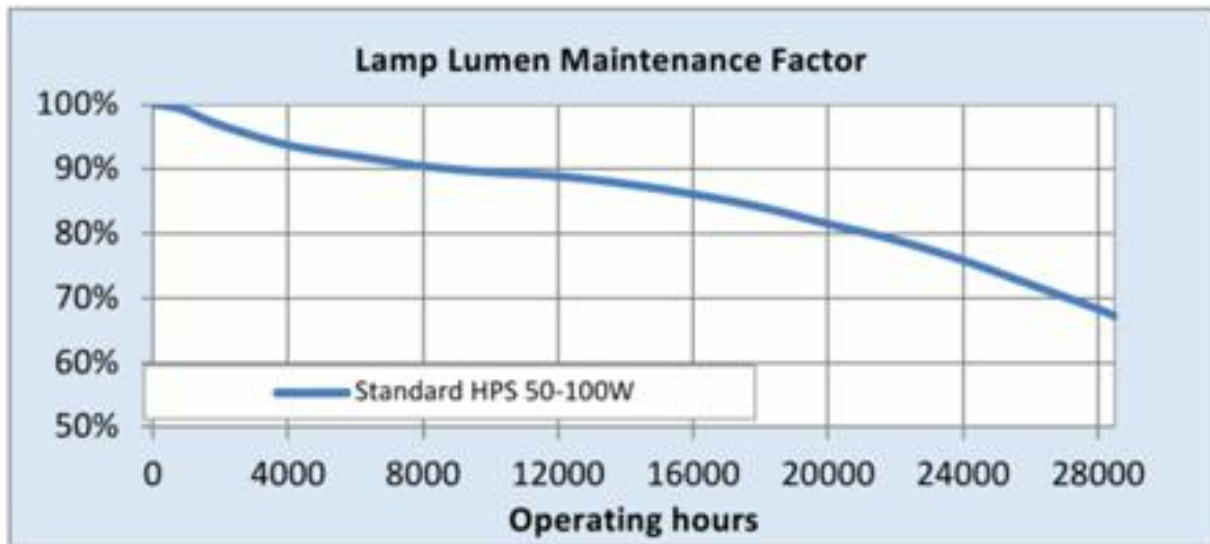
## Electrical data

Nominal power [W]	100
Rated power [W]	104.3
Nominal lamp voltage [V]	100
Lamp Current [A]	1.2
Design Ambient Temperature [°C]	25
Run-up time (sec)	240
Hot restart time (sec)	60
Ballast Required	Yes

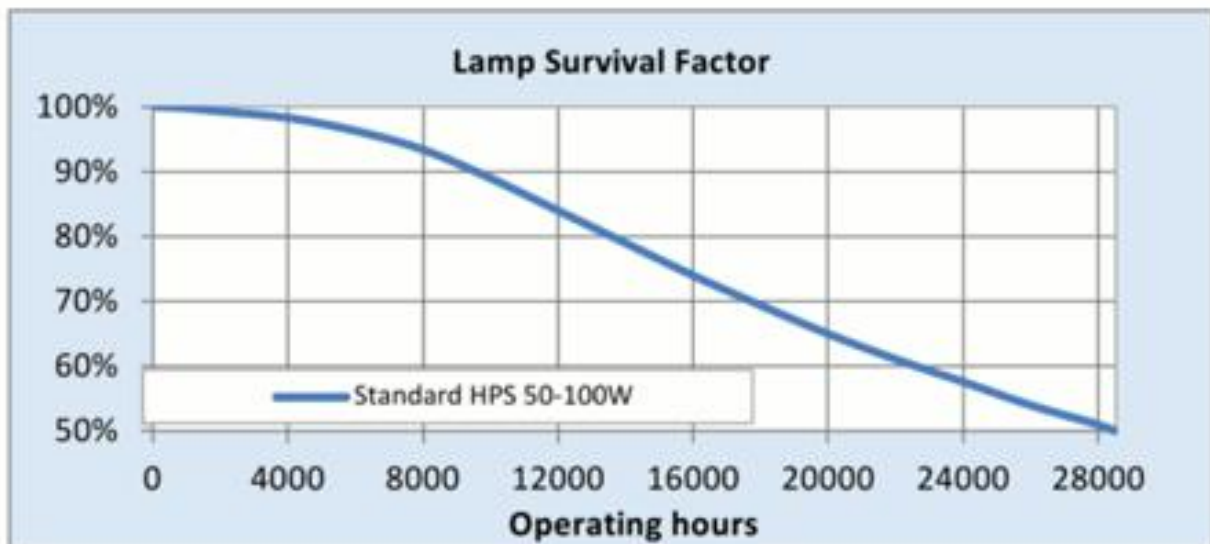
## Logistic data

DUN Code	20043168937669
EAN Code	0043168937665
Pack Quantity	12
Inner pack type	SLEEVE
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™ 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 \(PDF\)](#)