



449

kWh/1000h

141

lumens/watt

Tulox XO Tubular Clear

LU400/XO/T/E40 TU

93102231

Product information

Tulox 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	93102231
Light Center Length [mm]	175
Bulb Shape	Tubular
Bulb Finish	Clear
Maximum Overall Length [mm]	292
Net weight per piece [g]	166
Gross weight per piece [g]	208
Operating position	U - Universal
Mercury Content [mg]	19.173
Brand	Tungsram
Cap/Base	E40

Performance data

Rated Lumens [lm]	56510
Weighted energy consumption [kWh/1000h]	448.34
Nominal efficacy [LpW]	141
Rated efficacy [LpW]	139
Energy efficiency class (EEC)	E
Average rated life	45.000 hrs
Nominal chromaticity coordinate X	0.53
Nominal chromaticity coordinate Y	0.43
Nominal correlated colour temperature (CCT) [K]	2100
Nominal lumens [lm]	56500
Colour Rendering Index (CRI) [Ra]	25

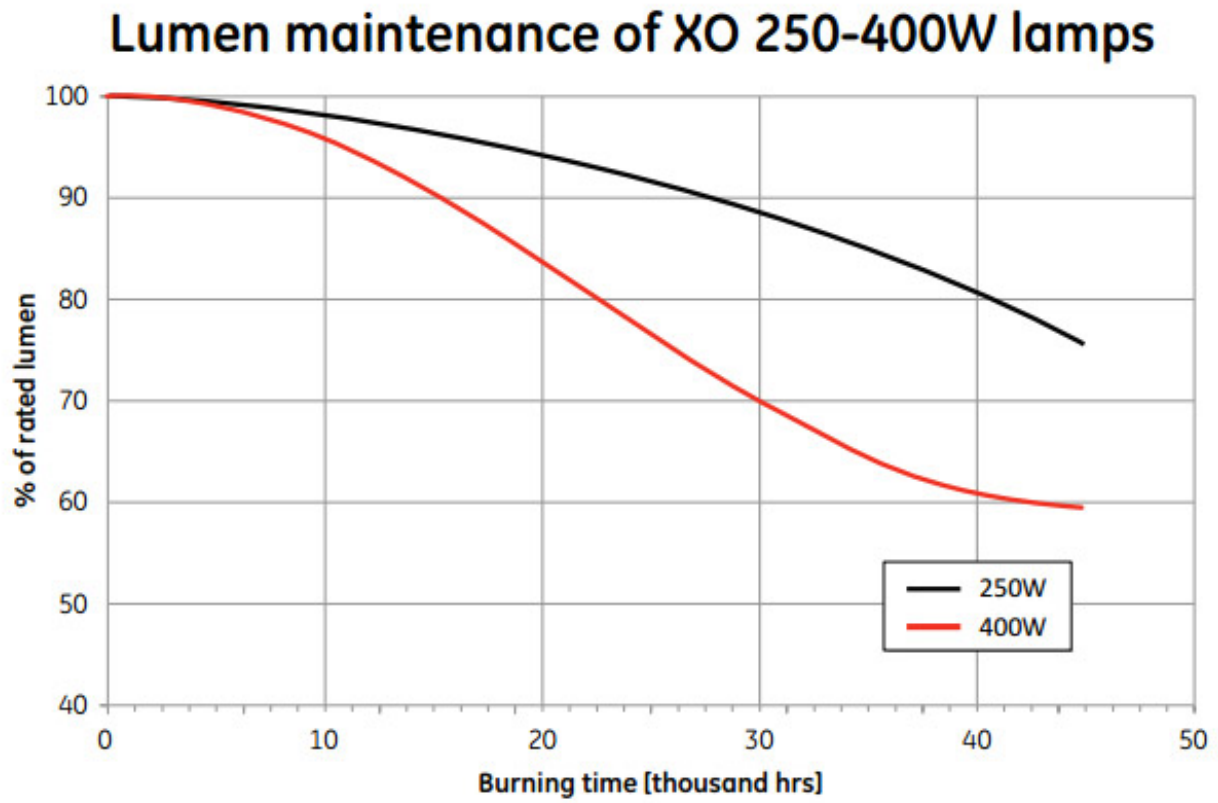
Electrical data

Rated power [W]	408.0
Lamp Current [A]	4.5
Design Ambient Temperature [°C]	25
Run-up time (sec)	300
Hot restart time (sec)	240
Dimming Capability	Yes
Ballast Required	Yes
Nominal power [W]	400
Nominal lamp voltage [V]	100

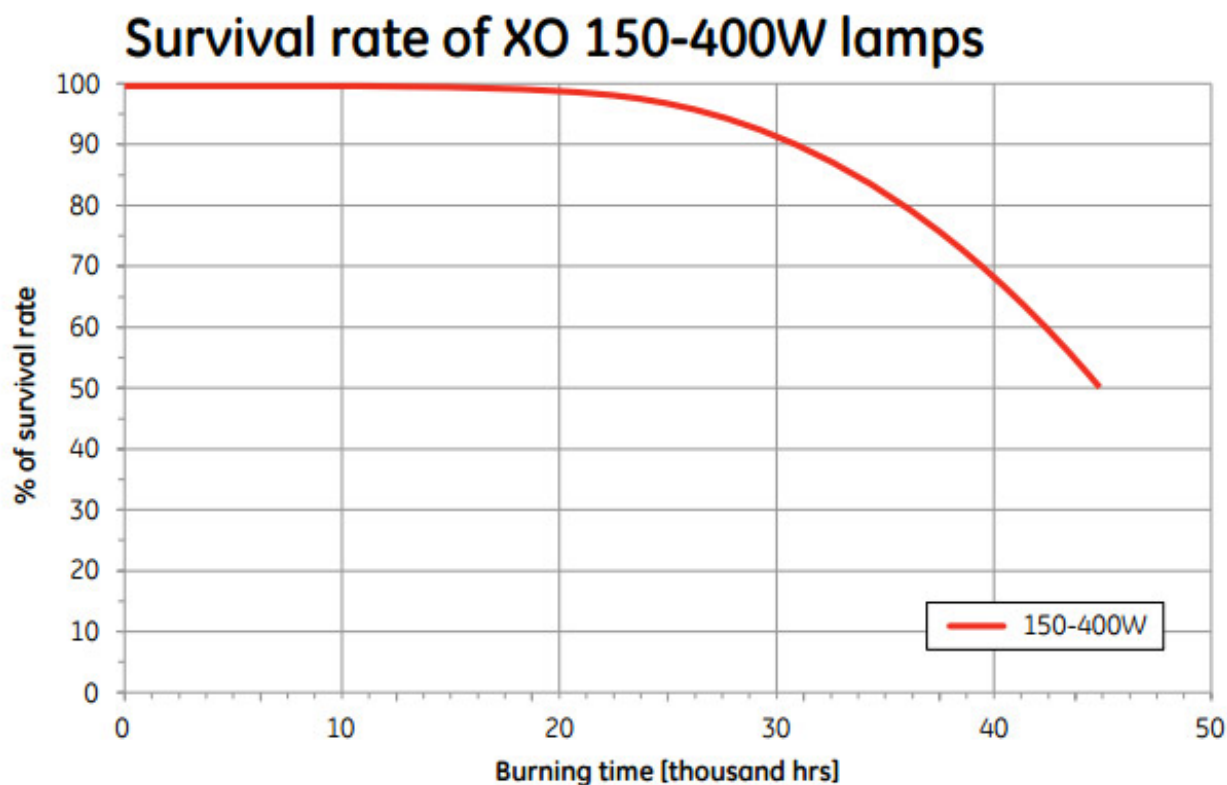
Logistic data

DUN Code	15994100017575
EAN Code	5994100017578
Pack Quantity	12
Layer quantity	288 EUR, 372 UK
Layer quantity EUR	288
Layer quantity UK	372
Pallet quantity EUR (PC)	864
Pallet quantity UK (PC)	744
Outer case size	215 x 162 x 349 (mm)
Product status	Available

Lumen maintenance data



Survival data



Downloads & Links

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

[Product datasheet \(PDF\)](#)

[Datasheet \(PDF\)](#)

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