






Tulox XO Elliptical Diffuse LU100/100/XO/D/E40 TU 93102239

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	93102239
Bulb Shape	Elliptical
Bulb Finish	Coated
Regulatory comment	ECODESIGN Scope 2019/2020 EU
Bulb maximum overall diameter [mm]	77
Maximum Overall Length [mm]	186
Arc Gap	45.8
Net weight per piece [g]	131
Gross weight per piece [g]	163
Operating position	U - Universal
Mercury Content [mg]	13.3
UV radiance	Exempt
RoHS compliant	Yes
Brand	Tungsräm
Cap/Base	E40

Performance data

Weighted energy consumption [kWh/1000h]	102.0
Rated useful lumens [lm]	10200
Rated efficacy [lm/W]	100
Energy efficiency class (EEC)	F
Rated lumen maintenance factor (2000 hours)	0.937
Rated lumen maintenance factor (4000 hours)	0.923
Rated lumen maintenance factor (6000 hours)	0.915
Rated lumen maintenance factor (8000 hours)	0.902
Rated lumen maintenance factor (12000 hours)	0.902
Rated lumen maintenance factor (16000 hours)	0.896
Rated lumen maintenance factor (20000 hours)	0.894
Rated survival factor (2000 hours)	1
Rated survival factor (4000 hours)	1
Rated survival factor (6000 hours)	1
Rated survival factor (12000 hours)	1
Rated survival factor (16000 hours)	0.998
Rated survival factor (20000 hours)	0.991
Nominal chromaticity coordinate X	0.53
Nominal chromaticity coordinate Y	0.43
Nominal correlated colour temperature (CCT) [K]	2100
Nominal lumens [lm]	10200
Colour Rendering Index (CRI) [Ra]	25

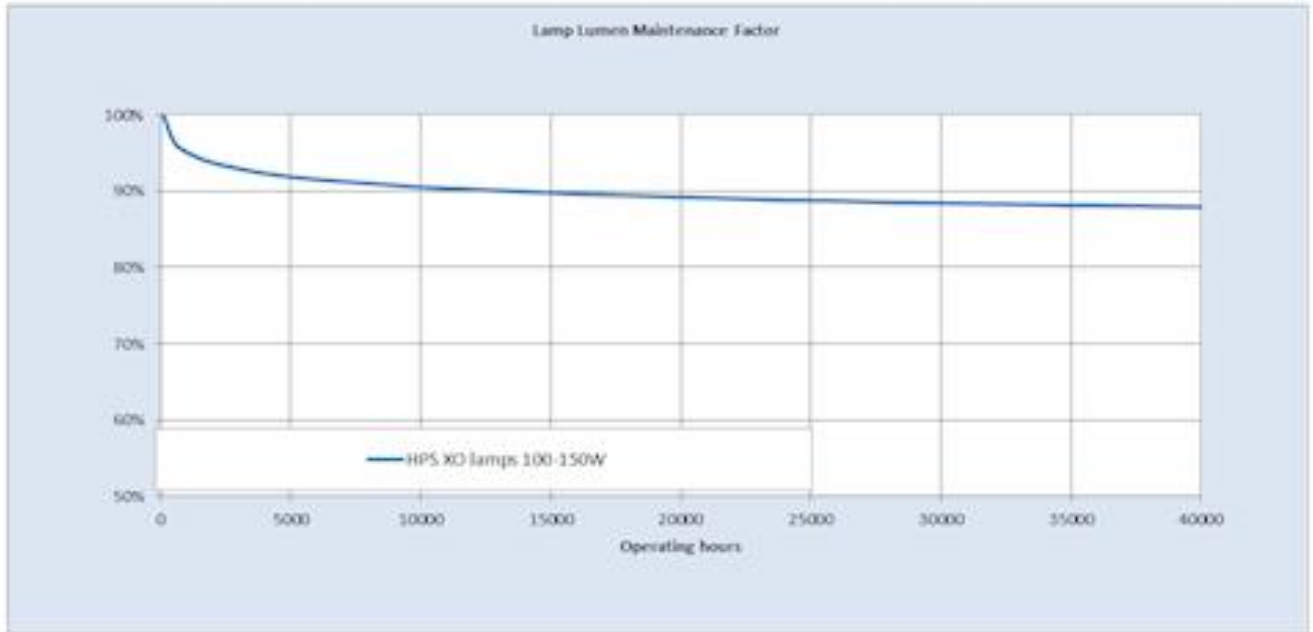
Electrical data

Rated power [W]	102.0
Lamp Current [A]	1.2
Run-up time (sec)	<210
Starting time (sec)	<10
Hot restart time (sec)	<300
Dimming Capability	only with specific dimmers
Ballast Required	Yes
Nominal lamp voltage range [V]	100
Nominal power [W]	100
Nominal lamp voltage [V]	100

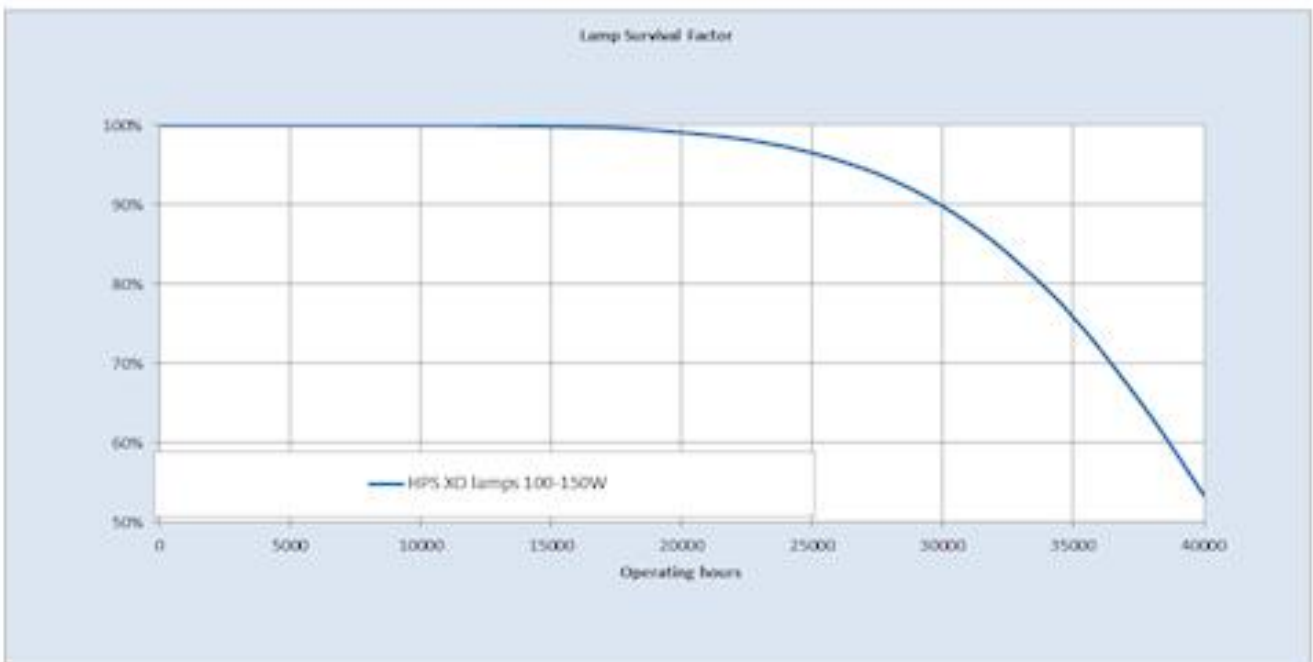
Logistic data

Shipment	Standard
DUN Code	15994100017650
EAN Code	5994100017653
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 \(HTTP\)](#)

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

[Datasheet \(PDF\)](#)

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

