



128

lumens/watt

Tulox Standard Tubular Clear

LU1000W/250V/E40 TU

93102216

Product information

Tulox High Pressure Sodium lamps have led the way in quality and innovation. Exclusive amalgam reservoir design works to increase life expectancy and improve lumen maintenance.

With efficiencies approaching 130 lumens per watt, Tulox 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 Tulox 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

Product Code	93102216
Light Center Length [mm]	224
Bulb Shape	Tubular
Bulb Finish	Clear
Bulb maximum overall diameter [mm]	81
Maximum Overall Length [mm]	386
Arc Gap	233
Net weight per piece [g]	368
Gross weight per piece [g]	449
Operating position	U - Universal
Mercury Content [mg]	14.9
UV radiance	Exempt
RoHS compliant	Yes
Brand	Tungsräm
Cap/Base	E40

Performance data

Rated useful lumens [lm]	127600
Rated efficacy [lm/W]	127.6
Rated lumen maintenance factor (2000 hours)	0.99
Rated lumen maintenance factor (4000 hours)	0.98
Rated lumen maintenance factor (6000 hours)	0.967
Rated lumen maintenance factor (8000 hours)	0.9
Rated lumen maintenance factor (12000 hours)	0.9
Rated lumen maintenance factor (16000 hours)	0.84
Rated lumen maintenance factor (20000 hours)	0.817
Rated survival factor (2000 hours)	0.993
Rated survival factor (4000 hours)	0.99
Rated survival factor (6000 hours)	0.986
Rated survival factor (12000 hours)	0.95
Rated survival factor (16000 hours)	0.9
Rated survival factor (20000 hours)	0.8
Nominal chromaticity coordinate X	0.53
Nominal chromaticity coordinate Y	0.42
Nominal correlated colour temperature (CCT) [K]	2100
Nominal lumens [lm]	127600
Colour Rendering Index (CRI) [Ra]	22

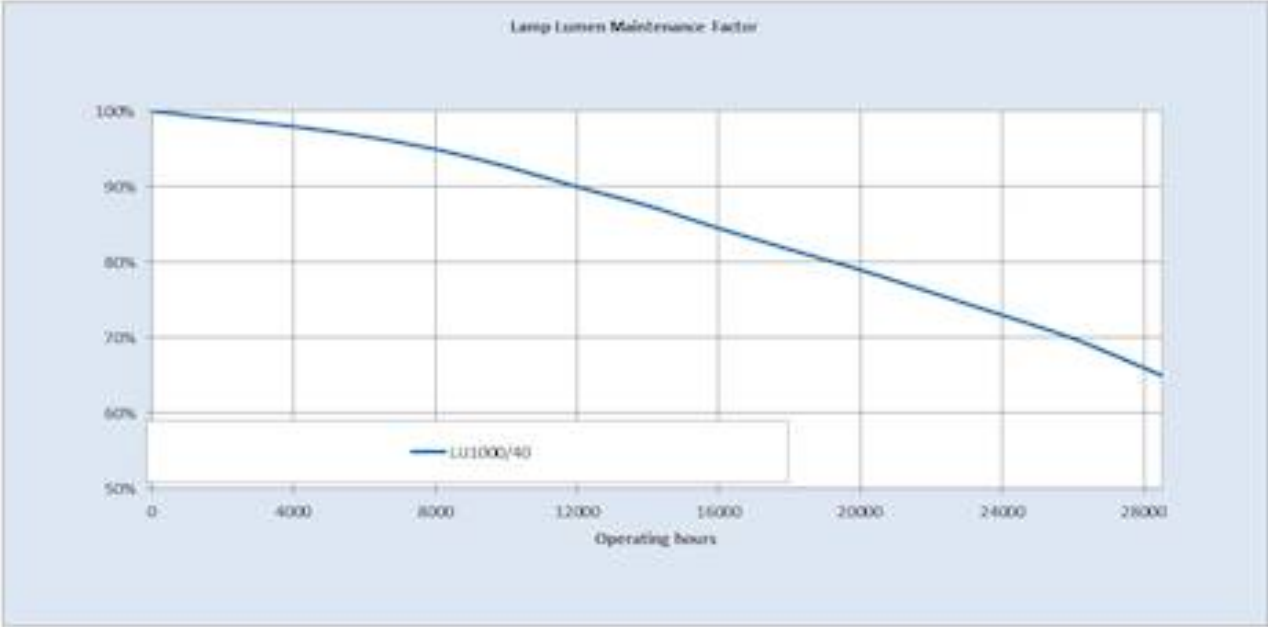
Electrical data

Rated power [W]	1000.0
Lamp Current [A]	4.7
Run-up time (sec)	<240
Starting time (sec)	<5
Hot restart time (sec)	<300
Dimming Capability	only with specific dimmers
Ballast Required	Yes
Nominal lamp voltage range [V]	250
Nominal power [W]	1000
Nominal lamp voltage [V]	250

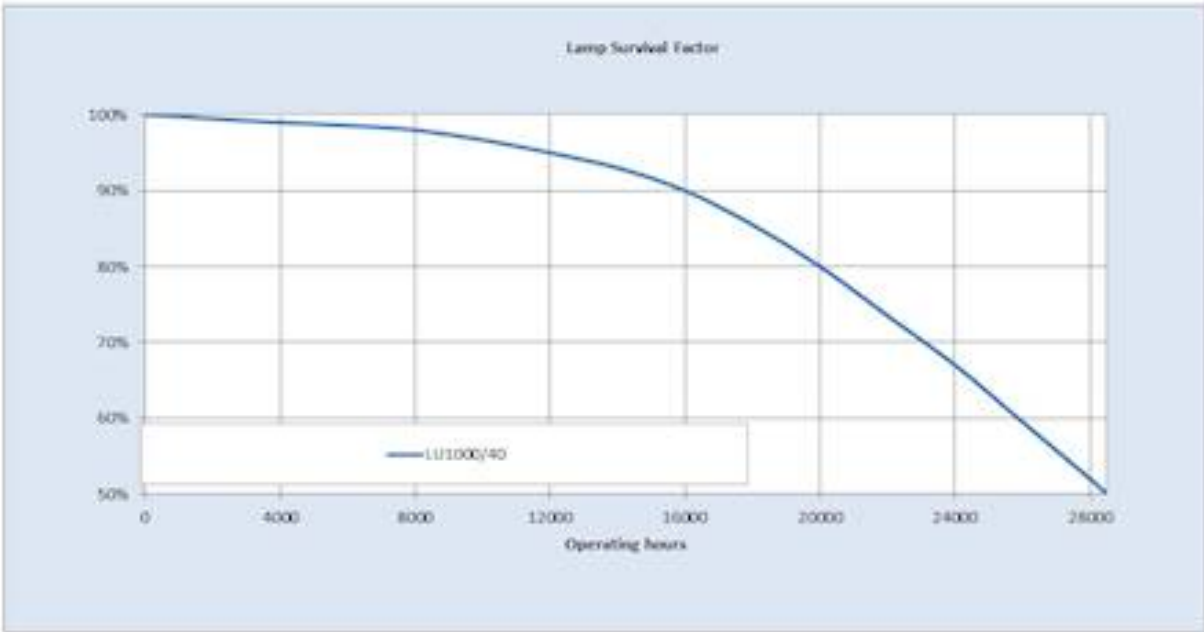
Logistic data

Shipment	Standard
DUN Code	15994100017421
EAN Code	5994100017424
Pack Quantity	6
Inner pack type	SLEEVE
Outer pack type	OUTER BOX
Layer quantity	72 UK
Layer quantity UK	72
Pallet quantity UK (PC)	360
Outer case size	394 x 241 x 182 (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 \(HTTP\)](#)

Disclaimer

Lamp operation is in conformance with IEC60662 Ed. 2. 2011 and ANSI C78.42-2009 requirements. ANSI ballast type: S52

