



442

kWh/1000h

A++

energy class

141

lumens/watt

Tulox PSL (PhotoSynthesis Light) Tubular Clear LU400W/PSL/T/E40 TU 93104613

Product information

Simple light or lumen maintenance is not enough to create plant growth. Plants require a certain radiation level to help with photosynthesis. The Tulox

PhotoSynthesis Light Lamp has been specially developed to provide stable lumen maintenance and increases Photosynthetically Active Radiation (PAR).

- Measured in micromole/sec, the increased PAR output of the Tulox PSL lamp best simulates natural daylight to maintain plant growth under artificial lighting conditions.

Application areas



Horticulture





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Product data

Product Code	93104613
Light Center Length [mm]	175
Bulb Shape	Tubular
Bulb Finish	Clear
Bulb Diameter [mm]	48
Maximum Overall Length [mm]	292
Net weight per piece [g]	110
Gross weight per piece [g]	126
Operating position	U - Universal
Mercury Content [mg]	19.2
Brand	Tungsram
Cap/Base	E40

Performance data

Rated Lumens [lm]	57320
Weighted energy consumption [kWh/1000h]	441.76
Rated efficacy [lm/W]	138
Energy efficiency class (EEC)	A++
Nominal chromaticity coordinate X	0.52
Nominal chromaticity coordinate Y	0.42
Nominal correlated colour temperature (CCT) [K]	2100
Nominal lumens [lm]	56500
Colour Rendering Index (CRI) [Ra]	25



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Electrical data

Rated power [W]	401.6
Design Ambient Temperature [°C]	25
Startup time [sec]	300
Dimming Capability	No
Ballast Required	Yes
Nominal power [W]	400
Nominal lamp voltage [V]	110

Logistic data

DUN Code	15994100019098
EAN Code	5994100019091
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

Technical drawing



Downloads & Links

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

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

[Datasheet \(PDF\)](#)

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

Disclaimer

Special Purpose Lamp, Not suited for household illumination