



GE
Lighting



141

lumens/watt

Lucalox™ PSL
(PhotoSynthesis Light)
Tubular Clear
LU600/HO/T/40 ST MIH

47962

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 Lucalox™ 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 Lucalox™ PSL lamp best simulates natural daylight to maintain plant growth under artificial lighting conditions.

Application areas



Horticulture



WORLDWIDE PARTNER

Product data

Cap/Base	E40
Bulb Shape	Tubular
Bulb Finish	Clear
Bulb Diameter [mm]	48
Maximum Overall Length [mm]	283
Light Center Length [mm]	175
Net weight per piece [g]	173
Gross weight per piece [g]	213
Operating position	U - Universal
Mercury Content [mg]	19.8
Brand	General Electric (GE)

Performance data

Colour Rendering Index (CRI) [Ra]	25
Nominal correlated colour temperature (CCT) [K]	2000
Nominal lumens [lm]	84500
Nominal chromaticity coordinate X	0.53
Nominal chromaticity coordinate Y	0.43

Electrical data

Nominal power [W]	600
Nominal lamp voltage [V]	105
Design Ambient Temperature [°C]	25
Startup time [sec]	180
Ballast Required	Yes

Logistic data

DUN Code	10043168479629
EAN Code	43168479622
Pack Quantity	12
Inner pack type	BOX
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)

Downloads & Links

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

[Horticulture Lamps Spectrum Catalogue \(PDF\)](#)

[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 \(PDF\)](#)

Disclaimer

Special Purpose Lamp, Not suited for household illumination