



GE
Lighting



135
lumens/watt

Lucalox™ PSL
(PhotoSynthesis Light)
Tubular Clear
LU400/HO/T/E40 ST MIH
47963

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



Product data

Product Code	47963
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]	110
Gross weight per piece [g]	126
Operating position	U - Universal
Mercury Content [mg]	15.84
Brand	General Electric (GE)
Cap/Base	E40

Performance data

Nominal chromaticity coordinate X	0.52
Nominal chromaticity coordinate Y	0.42
Nominal correlated colour temperature (CCT) [K]	2000
Nominal lumens [lm]	54000
Colour Rendering Index (CRI) [Ra]	25

Electrical data

Design Ambient Temperature [°C]	25
Startup time [sec]	180
Dimming Capability	No
Ballast Required	Yes
Nominal power [W]	400
Nominal lamp voltage [V]	100

Logistic data

DUN Code	10043168479636
EAN Code	0043168479639
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)
Product status	Available

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