

GE current

a Daintree company

HORTICULTURE LIGHTING SYSTEMS



Lucalox[®]

Superb performance and high reliability

Efficient

Optimised spectra with superior photosynthetic efficiency.

Powerful

High initial PAR and improved PAR maintenance that drives constant uniform plant growth.

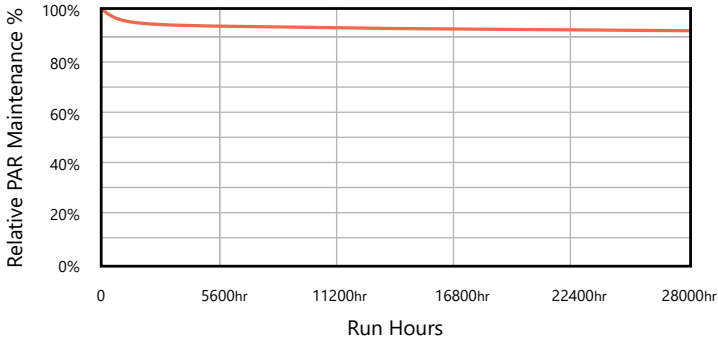
Reliable

Longer service life and consistently high micromole maintenance over a longer period of time.

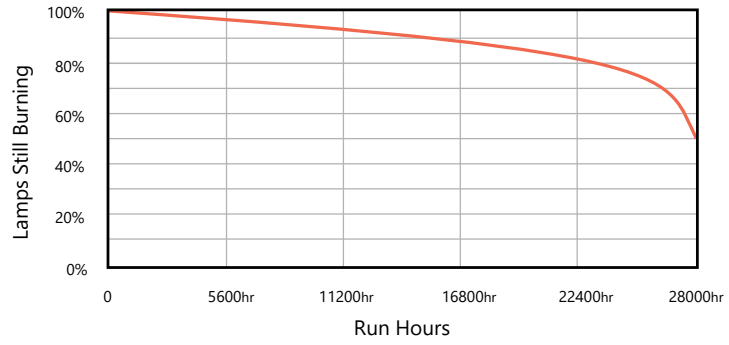
www.led.com for the latest in lighting innovations from the inventors of the LED

Performance

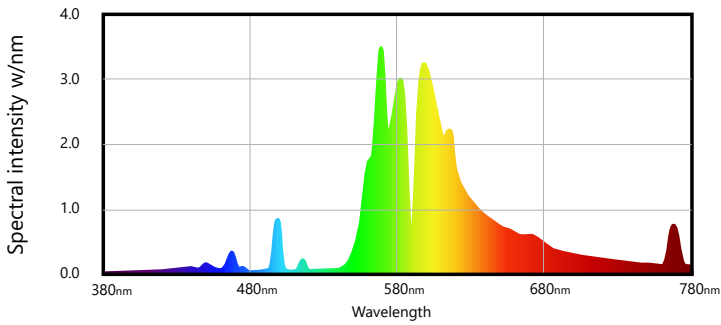
Typical PAR maintenance



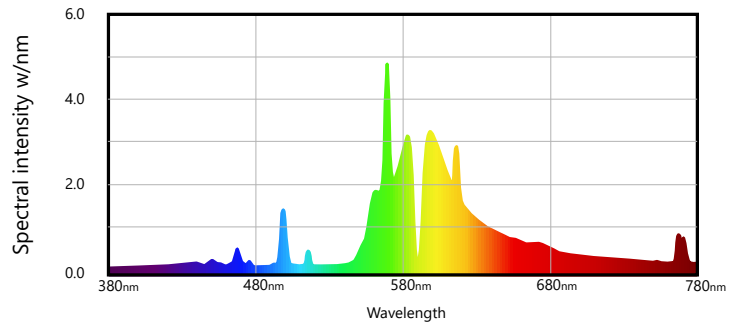
Typical lamp survival



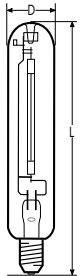
220-240V Spectral Distribution



400V Spectral Distribution



Specification

Order Code	LU600/HO/T/E40 GL	LU600/400V/HO/T/E40 GL	Physical Specification
SKU (Min. order quantity 25 units)	93134780	93134779	 <p>Length (mm) 292</p> <p>Diameter (mm) 48</p> <p>Weight (g) 200</p> <p>Bulb shape T46</p> <p>Base type E40</p> <p>Bulb finish Clear</p>
Nominal lamp wattage	600W	600W	
Nominal ballast supply voltage	220-240V	400V	
Lamp voltage	115V	190V	
Lamp current	6.0A	3.6A	
Rated Lumens (Nominal)	88000lm (90000lm)	86000lm (90000lm)	
Rated Efficacy (Nominal)	146lm/W (150lm/W)	140lm/W (150lm/W)	
Photosynthetic photon flux (PPF)	1020μmol/s	1120μmol/s	
PPF maintenance (90%)	14000hr	14000hr	
Rated life B10	14000hr	14000hr	
CCT	2100K	2100K	
Min. Warm up time	4	4	
Min. hot re-strike time	3	3	
Energy rating	A++	A++	
Operating position	Universal	Universal	
Lamp warranty	1yr	1yr	



400V lamps should be operated on approved electronic ballasts with adequate end of life protection only. See approved e-ballast list below:

- Agrolux_ALF600 400V 2.2 Optimal

Disclaimer: Special purpose lamp, not suited for household illumination.

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