

# Lucalox<sup>®</sup> 400/600/1000W Lamp

Superb performance and high reliability

## Efficient

Optimised spectra with superior photosynthetic efficiency.

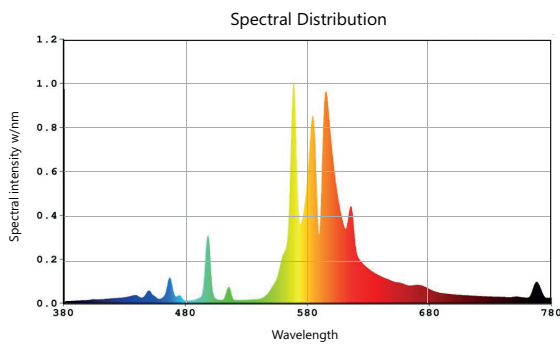
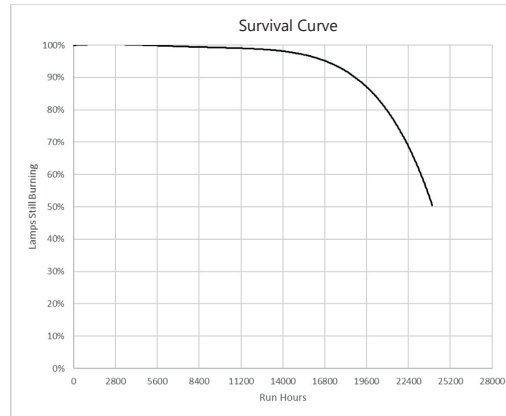
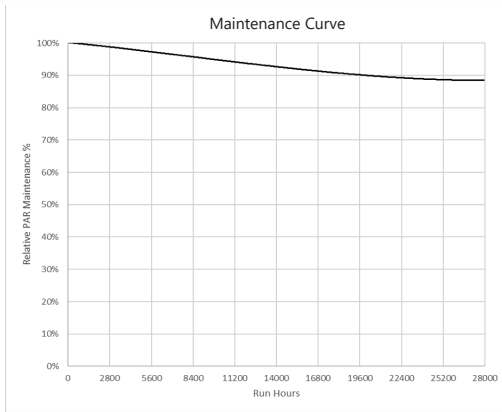
## Powerful

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.

# Performance 400W



# Specification 400W

Order Code	LU400/HO/T/E40 GL
SKU (Min. order quantity 12 units)	93142331
Nominal lamp wattage	400W
Nominal ballast supply voltage	220-240V
Lamp voltage	100V
Lamp current	4.6A
Rated Lumens (Nominal)	55000lm (56000lm)
Rated Efficacy (Nominal)	136lm/W (138lm/W)
Photosynthetic photon flux (PPF)	700µmol/s
PPF maintenance (90%)	18000hr
Rated life B10	18000hr
CCT	2100K
Warm up time	4 minutes
Hot re-strike time	5 minutes
Energy rating	A++
Operating position	Universal
Lamp warranty	1Yr

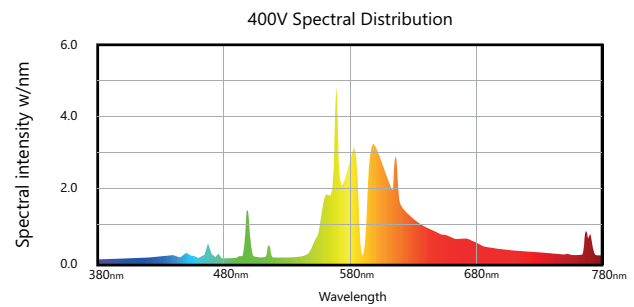
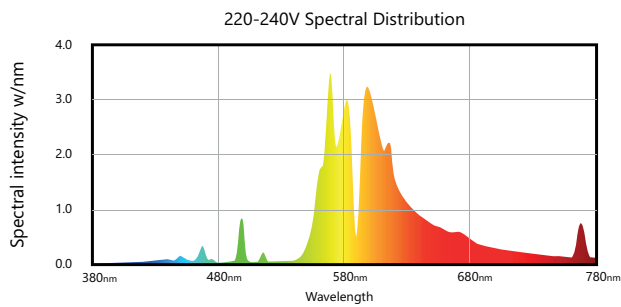
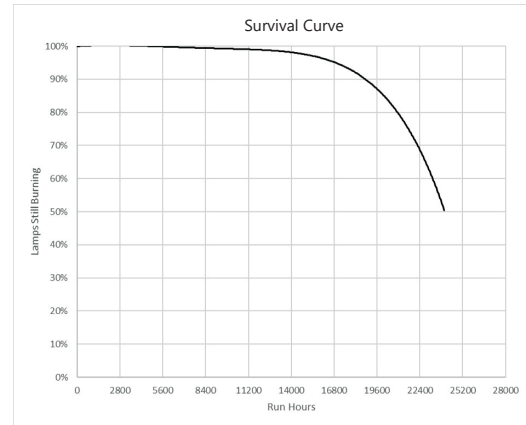
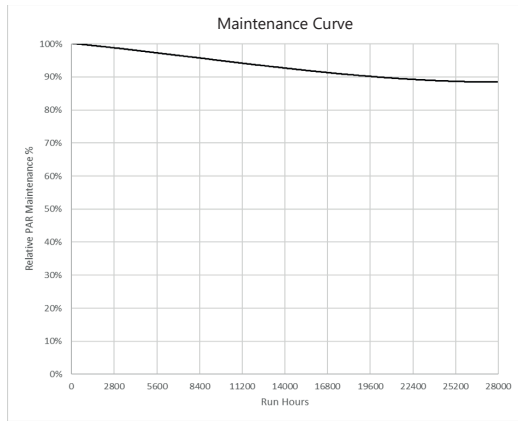
Physical Specifications		
	Length (mm)	285
	Diameter (mm)	48
	Weight (g)	180
	Bulb shape	T46
	Base type	E40
	Bulb finish	Clear



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

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# Performance 600W



# Specification 600W

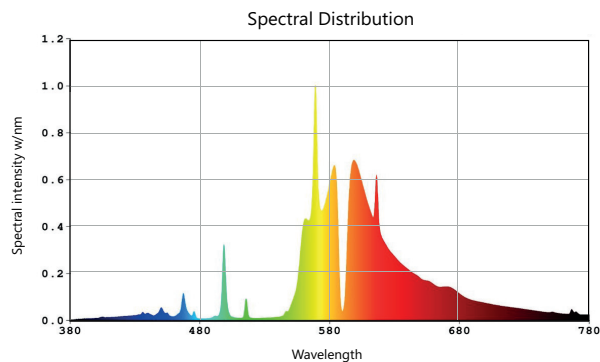
Order Code	LU600/HO/T/E40 GL	LU600/400V/HO/T/E40 GL	Physical Specifications
SKU (Min. order quantity 12 units)	93139110	93139109	
Nominal lamp wattage	600W	600W	
Nominal ballast supply voltage	220-240V	400V	
Lamp voltage	115V	190V	
Lamp current	6.0A	3.6A	
Rated Lumens (Nominal)	88000lm (90000lm)	86000lm (90000lm)	
Rated Efficacy (Nominal)	146lm/W (150lm/W)	140lm/W (150lm/W)	
Photosynthetic photon flux (PPF)	1020µmol/s	1120µmol/s	
PPF maintenance (90%)	18000hr	18000hr	
Rated life B10	18000hr	18000hr	
CCT	2100K	2100K	
Warm up time	4 minutes	4 minutes	
Hot re-strike time	3 minutes	3 minutes	
Energy rating	A++	A++	
Operating position	Universal	Universal	
Lamp warranty	1Yr	1yr	



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# Performance 1000W



# Specification 1000W

Order Code	GEHPS-BLB-1000W-DE
SKU (Min. order quantity 30 units)	93142332
Nominal lamp wattage	1000W
Nominal ballast supply voltage	400V
Lamp voltage	230V
Lamp current	5.2A
Rated Lumens (Nominal)	150000lm
Rated Efficacy (Nominal)	145lm/W
Photosynthetic photon flux (PPF)	2100 $\mu$ mol/s
PPF maintenance (L90 @10,000hrs)	10000hr
CCT	2100K
Warm up time	7 minutes
Hot re-strike time	5 minutes
Energy rating	A++
Operating position	Horizontal
Lamp warranty	1Yr

Physical Specifications	
Length (mm)	388
Diameter (mm)	33
Weight (g)	150
Bulb shape	T33
Base type	Double-ended
Bulb finish	Clear

The technical drawing shows a side view of the lamp with dimension lines. The total length is indicated as 388 mm, and the diameter of the bulb is indicated as 33 mm. The drawing also shows the double-ended base structure.



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