

Lucalox[®] 250/400/600/1000W Lamp

Superb performance and high reliability

Efficient

Optimised spectra with superior photosynthetic efficiency.

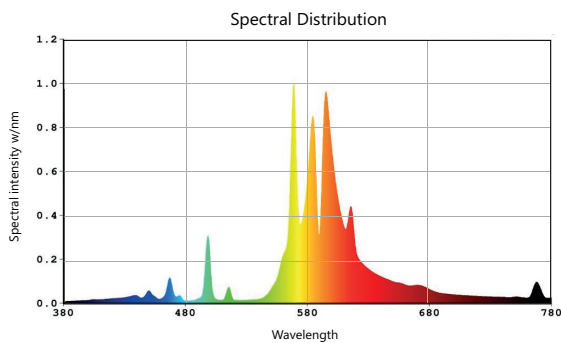
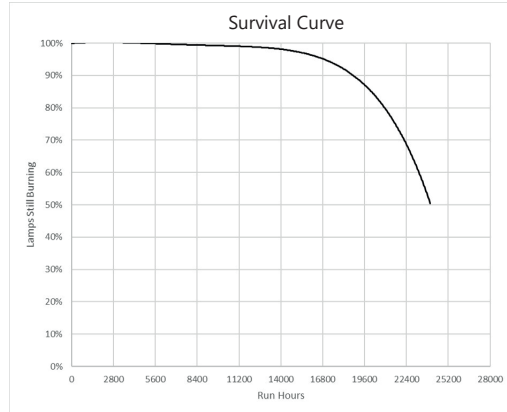
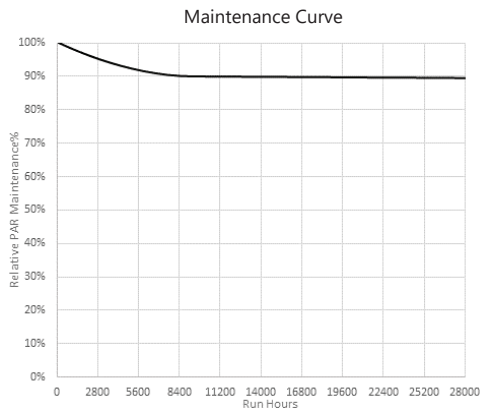
Powerful

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.

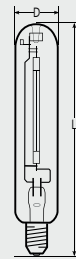
Performance 250W



Specification 250W

Order Code	LU250/HO/T/E40 GL
SKU (Min. order quantity 12 units)	93159881
Nominal lamp wattage	250W
Nominal ballast supply voltage	220-240V
Lamp voltage	100V
Lamp current	3.0A
Rated Lumens (Nominal)	33000lm (34000lm)
Rated Efficacy (Nominal)	132lm/W (136lm/W)
Photosynthetic photon flux (PPF)	400μmol/s
PPF maintenance (90%)	18000hr
Rated life B10	18000hr
CCT	2100K
Warm up time	5 minutes
Hot re-strike time	5 minutes
Operating position	Universal
Lamp warranty	1Yr

Physical Specifications	
Length (mm)	255
Diameter (mm)	48
Weight (g)	170
Bulb shape	T46
Base type	E40
Bulb finish	Clear



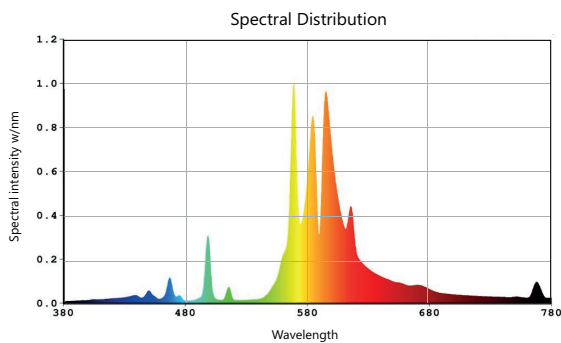
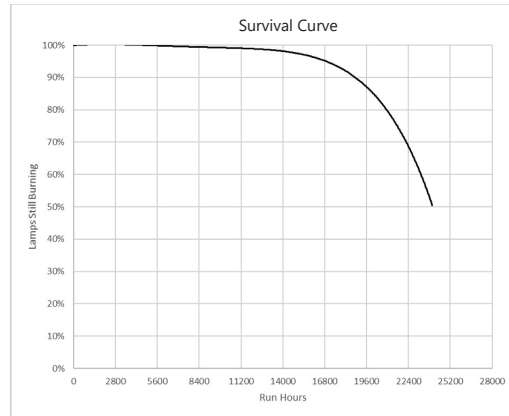
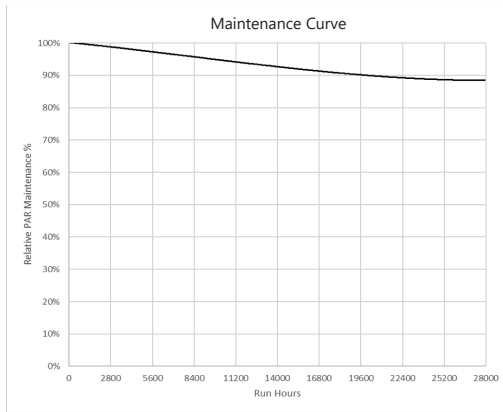
Electrical products must not be thrown out with domestic waste. They must be taken to a communal collection point for environmentally friendly disposal in accordance with local regulations. Contact your local authorities or stockist for advice on recycling. The packaging material is recyclable. Dispose of the packaging in an environmentally friendly manner and make it available for the recyclable material collection-service.

For horticulture use only. Not intended for general lighting applications.

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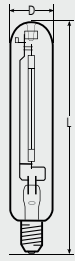
Performance 400W



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
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



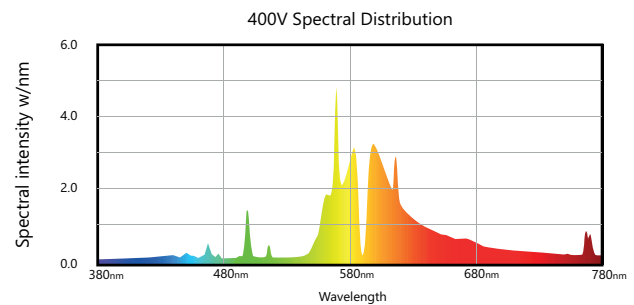
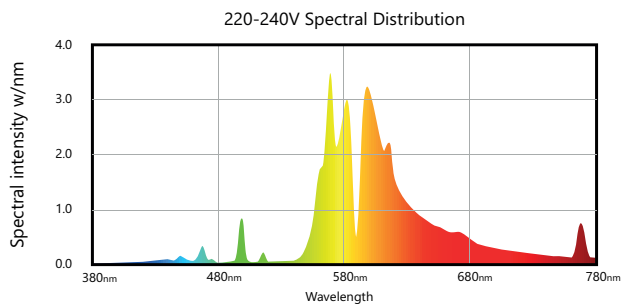
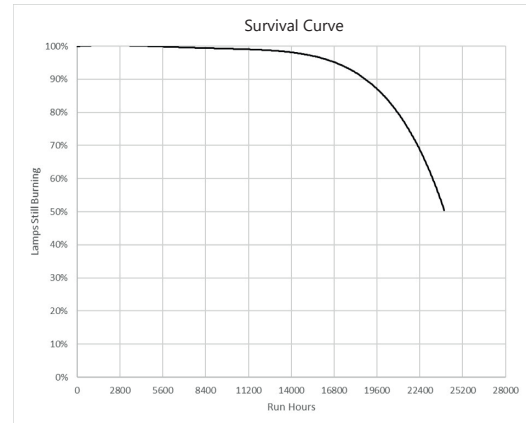
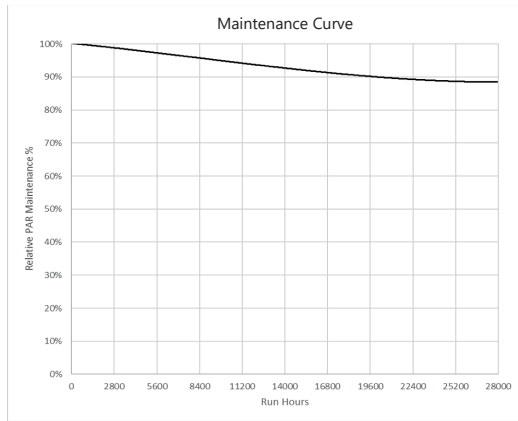
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Performance 600W



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		
Operating position	Universal	Universal		
Lamp warranty	1Yr	1Yr		

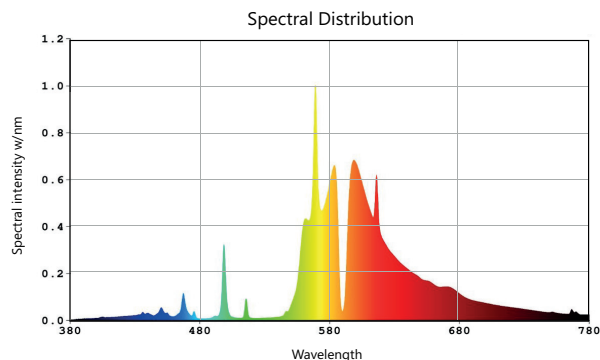
HPS1000W DE lamps should be operated on approved electronic ballasts with adequate end of life protection only. See approved e-ballast list below:
Current Arize® HPS 600W Luminaire
Agrolux_ALF600 400V 2.2 Optimal



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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)	2100μmol/s
PPF maintenance (L90 @10,000hrs)	10000hr
CCT	2100K
Warm up time	7 minutes
Hot re-strike time	5 minutes
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



HPS1000W DE lamps should be operated on approved electronic ballasts with adequate end of life protection only. See approved e-ballast list below:
Current Arize® HPS 1000W Luminaire
Agrolux_ALF1000 Optimal 208-277V



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