



HORTI

MASTER GreenPower Plus 600W EL E40 1SL

High Pressure Sodium lamp with clear outer bulb, optimized growthlight output and maintenance

Warnings and Safety

- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

Product data

General information		Color Rendering Index (Nom)	
Cap-Base	E40 [E40]		36
Operating Position	UNIVERSAL [Any or Universal (U)]	Operating and electrical	
Life To 10% Failures (Nom)	10000 h	Lamp supply voltage	400 V [400]
Life to 50% Failures (Nom)	18000 h	Power (Rated) (Min)	615.0 W
System Description	Electronic	Power (Nom)	615.0 W
Light technical		Ignition Supply Voltage (Nom)	398 V
Color Code	220 [CCT of 2000K]	Re-Ignition Time (Min) (Max)	5 min
Luminous Flux (Rated) (Nom)	85500 lm	Ignition Time (Max)	300 s
Photosynthetic Photon Flux (PPF)	1190 $\mu\text{mol/s}$	Voltage (Max)	244 V
PPF Maintenance 2000 h	98 %	Voltage (Min)	210 V
PPF Maintenance 4000 h	97 %	Voltage (Nom)	228 V
PPF Maintenance 8000 h	94 %	Controls and dimming	
PPF Maintenance 10000 h	93 %	Dimmable	No
Chromaticity Coordinate X (Nom)	0.533	Run-Up Time 90% (Max)	5 min
Chromaticity Coordinate Y (Nom)	0.416	Mechanical and housing	
Correlated Color Temperature (Nom)	2000 K	Bulb Finish	Clear
Luminous Efficacy (rated) (Nom)	139 lm/W	Cap-Base Information	-

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Bulb Shape	T40 [T 40mm]
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Approval and application

Mercury (Hg) Content (Nom)	41.8 mg
Energy Consumption kWh/1000 h	677 kWh

Luminaire design requirements

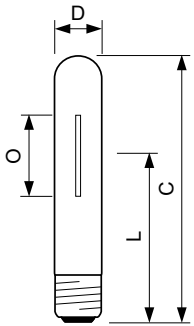
Bulb Temperature (Max)	400 °C
Cap-Base Temperature (Max)	250 °C

Product data

Full product code	871829123272800
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Order product name	MASTER GreenPower Plus 600W EL E40 1SL
EAN/UPC - Product	8718291232728
Order code	928151219227
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928151219227
Net Weight (Piece)	172.000 g
ILCOS Code	ST600-H/S-E40

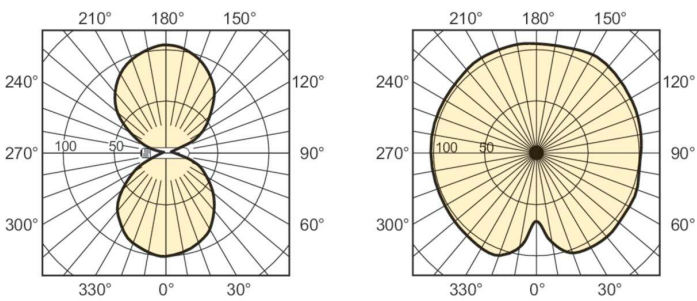
Dimensional drawing



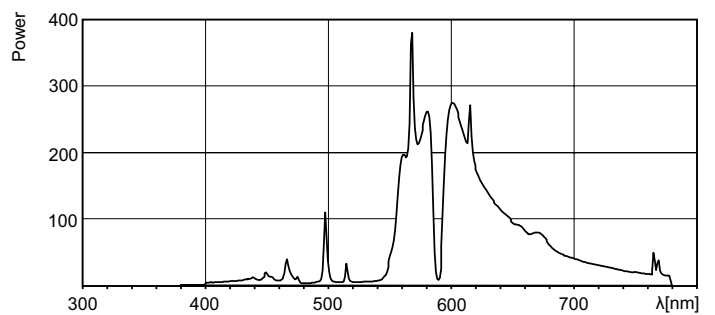
MASTER GreenPower Plus 600W EL E40 1SL

Product	D (max)	O	L	C (max)	A
MASTER GreenPower Plus 600W EL E40 1SL	47 mm	120 mm	168 mm	283 mm	205 mm

Photometric data



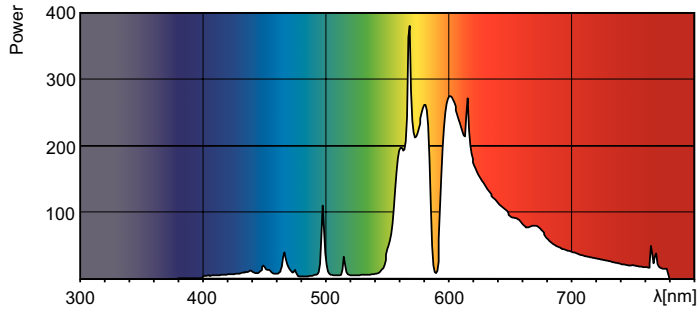
LDLD_SONTHORT_0001-Light distribution diagram



LDPB_SONTHORT_0005-Spectral power distribution B/W

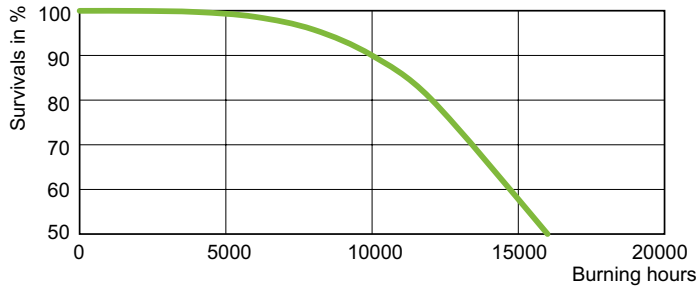
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Photometric data

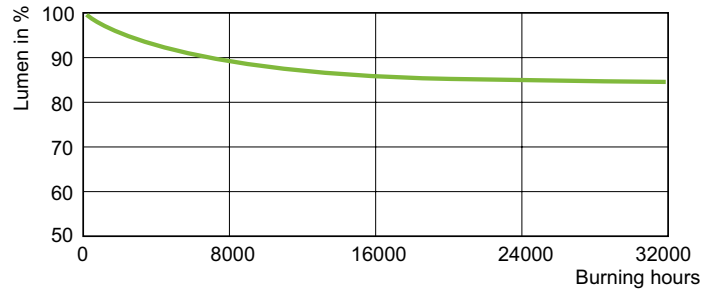


LDPO_SONTHORT_0005-Spectral power distribution Colour

Lifetime



LDLE_SONTHORT_0004-Life expectancy diagram



LDLM_SONTHORT_0001-Lumen maintenance diagram

