



HORTI

MASTER GreenPower Plus 1000W EL/5X6CT

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	
Cap base	K12X30S [K12x30s]
Burning Position	P [Parallel or Horizontal(HOR)]
Life to 10% failures (nom.)	10000 h
System description	Electronic
Light Technical	
Colour Code	220 [CCT of 2,000 K]
Lamp Luminous Flux (Nom)	143000 lm
Photosynthetic photon flux (PPF)	2100 μmol/s
PPF maintenance 4,000 hours	98 %
PPF maintenance 8,000 hours	96 %
PPF maintenance 10,000 hours	95 %
Chromaticity coordinate X (nom.)	0.529
Chromaticity coordinate Y (nom.)	0.416
Colour Temperature, horizontal (Nom)	2000 K
Lamp Luminous Efficacy EM (Nom)	141 lm/W
Colour Rendering Index,horiz (Nom)	38

Operating and Electrical	
Lamp supply voltage	400 V [400]
Power (Rated) (Min)	1015.0 W
Power (Rated) (Nom)	1000 W
Ignition supply voltage (nom.)	398 V
Re-ignition time (min.) (max.)	5 min
Ignition time (max.)	300 s
Voltage (Max)	270 V
Voltage (Min)	230 V
Voltage (Nom)	250 V
Controls and Dimming	
Dimmable	Yes
Run-up time 90% (max.)	10 min
Mechanical and Housing	
Lamp Finish	Clear
Cap-base information	na [-]
Bulb shape	T40 [T 40mm]

Approval and Application

Mercury (Hg) content (nom.)	42.0 mg
Energy consumption kWh/1,000 hours	1116 kWh

Luminaire Design Requirements

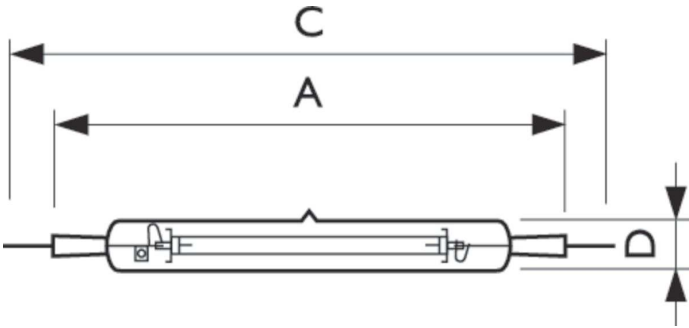
Bulb temperature (max.)	700 °C
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Product Data

Full product code	872790093301700
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Order product name	MASTER GreenPower Plus 1000W EL/5X6CT
EAN/UPC – product	8727900933017
Order code	928196305116
SAP numerator – quantity per pack	1
Numerator – packs per outer box	30
SAP material	928196305116
SAP net weight (piece)	0.111 kg

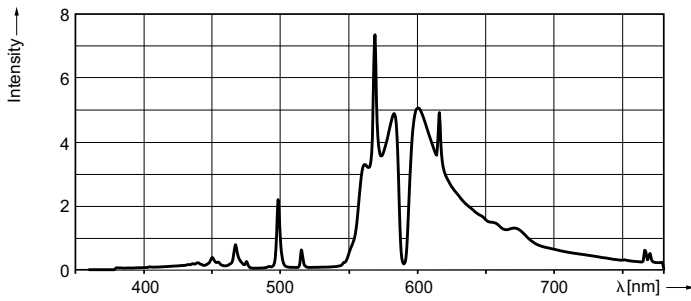
Dimensional drawing



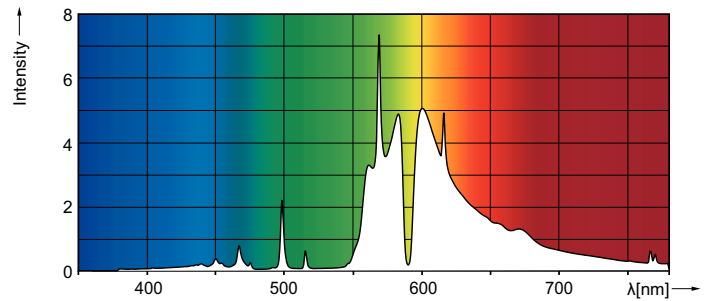
MASTER GreenPower Plus 1000W EL/5X6CT

Product	D (max)	O	C (max)	A
MASTER GreenPower Plus 1000W EL/5X6CT	33.5 mm	147 mm	394 mm	325 mm

Photometric data



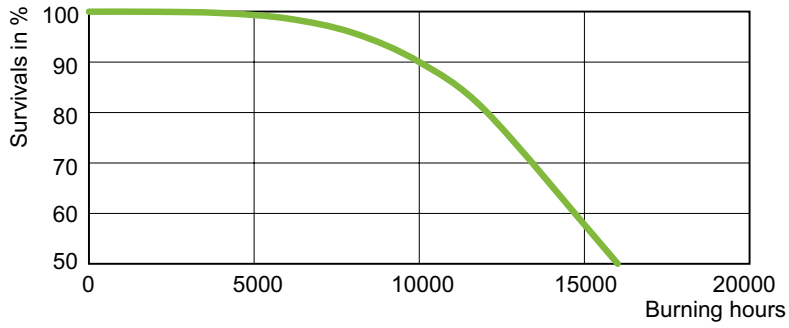
LDPB_SONTHORT_0001-Spectral power distribution B/W



LDPO_SONTHORT_0001-Spectral power distribution Colour

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Lifetime



LDLE_SONTHORT_0008-Life expectancy diagram

