



# 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]
Operating Position	P [ Parallel or Horizontal(HOR)]
Life To 10% Failures (Nom)	10000 h
System Description	Electronic
Light Technical	
Color Code	220 [ CCT of 2000K]
Luminous Flux (Rated) (Nom)	143000 lm
Photosynthetic Photon Flux (PPF)	2100 $\mu\text{mol/s}$
PPF Maintenance 4000 h	98 %
PPF Maintenance 8000 h	96 %
PPF Maintenance 10000 h	95 %
Chromaticity Coordinate X (Nom)	529
Chromaticity Coordinate Y (Nom)	416
Correlated Color Temperature (Nom)	2000 K
Luminous Efficacy (rated) (Nom)	141 lm/W
Color Rendering Index (Nom)	38

Operating and Electrical	
Lamp supply voltage	400 V [ 400]
Power (Rated) (Min)	1015.0 W
Power (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	
Bulb Finish	Clear
Cap-Base Information	-

## Approval and Application

Energy Efficiency Label (EEL)	A++
Mercury (Hg) Content (Nom)	42.0 mg
Energy Consumption kWh/1000 h	1116 kWh

## Luminaire Design Requirements

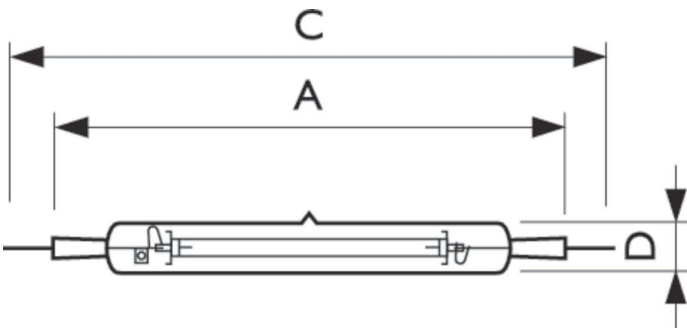
Bulb Temperature (Max)	700 °C
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## Product Data

Full product code	872790093301700
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Order product name	MASTER GreenPower Plus 1000W EL/5X6CT
EAN/UPC - Product	8727900933017
Order code	928196305116
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	30
Material Nr. (12NC)	928196305116
Net Weight (Piece)	0.111 kg

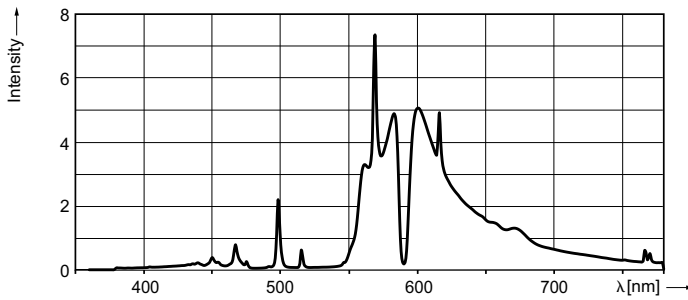
## Dimensional drawing



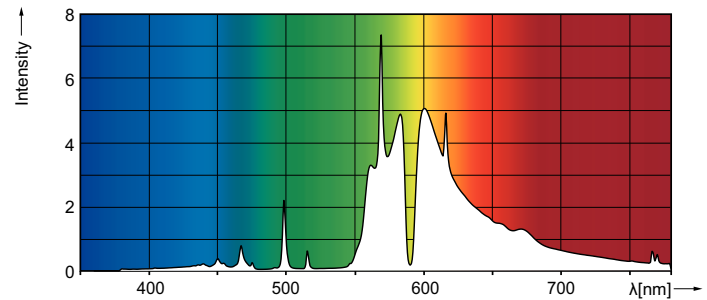
SON GreenPower Plus 1000W

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

## Photometric data



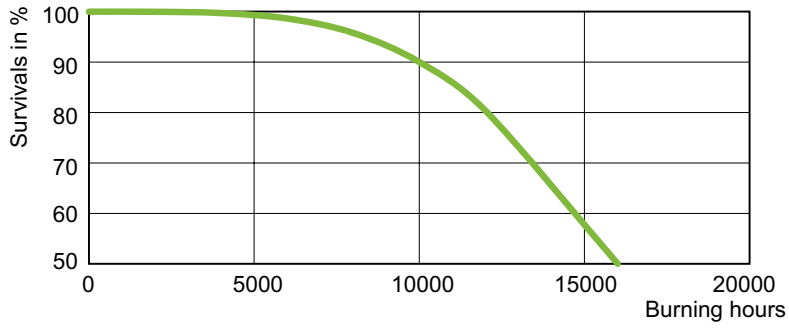
LDPB\_SONHORT\_0001-Spectral power distribution B/W



LDPO\_SONHORT\_0001-Spectral power distribution Colour

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## Lifetime



LDLE\_SONTHORT\_0008-Life expectancy diagram

