PHILIPS

Lighting



HORTI

MASTER GreenPower CG T 600W E40 1SL/12

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

Product data

General Information	
Cap-Base	E40 [E40]
Operating Position	UNIVERSAL [Any or Universal (U)]
Life to 5% Failures (Nom)	9500 h
Life to 10% Failures (Nom)	14000 h
Life to 20% Failures (Nom)	20000 h
Life to 50% Failures (Nom)	32000 h
System Description	External Ignitor

Light Technical	
Color Code	220 [CCT of 2000K]
Luminous Flux (Rated) (Nom)	88000 lm
Photosynthetic Photon Flux (PPF)	1100 µmol/s
PPF Maintenance 2000 h	97 %
PPF Maintenance 5000 h	93 %
PPF Maintenance 10000 h	91 %
PPF Maintenance 12000 h	89 %
Chromaticity Coordinate X (Nom)	533
Chromaticity Coordinate Y (Nom)	432
Correlated Color Temperature (Nom)	2000 K
Luminous Efficacy (Rated) (Nom)	142.4 lm/W
Color Rendering Index (Max)	-
Color Rendering Index (Nom)	26

Operating and Electrical	
Lamp supply voltage	230 V [230]
Power (Rated) (Min)	618.0 W
Power (Rated) (Nom)	618.0 W
Lamp Current (EM) (Nom)	5.45 A
Ignition Supply Voltage (Max)	220 V
Ignition Peak Voltage (Max)	3500 V
Re-Ignition Time (Min) (Max)	1 min
Ignition Time (Max)	10 s
Voltage (Max)	145 V
Voltage (Min)	115 V
Voltage (Nom)	130 V

Controls and Dimming	
Dimmable	Yes
Run-Up Time 90% (Max)	5 min

Mechanical and Housing	
Bulb Finish	Clear
Cap-Base Information	-

Approval and Application	
Energy Efficiency Label (EEL)	A++
Mercury (Hg) Content (Nom)	30.0 mg

Energy Consumption kWh/1000 h	680 kWh

Luminaire Design Requirements	
Bulb Temperature (Max)	450 °C
Cap-Base Temperature (Max)	250 °C

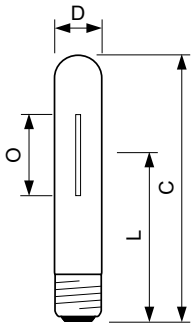
Product Data	
Full product code	871150020202415
Order product name	MASTER GreenPower CG T 600W E40 1SL/12

EAN/UPC - Product	8711500202024
Order code	928158809227
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928158809227
Net Weight (Piece)	0.182 kg
ILCOS Code	ST-600-H/S-E40

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.

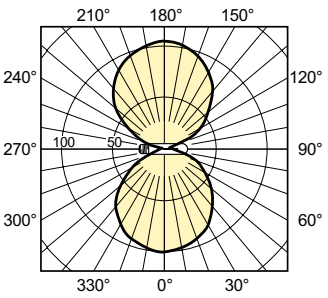
Dimensional drawing

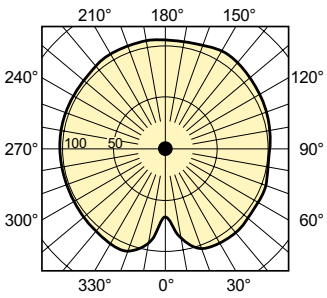


SON GreenPower CG T 600W E40

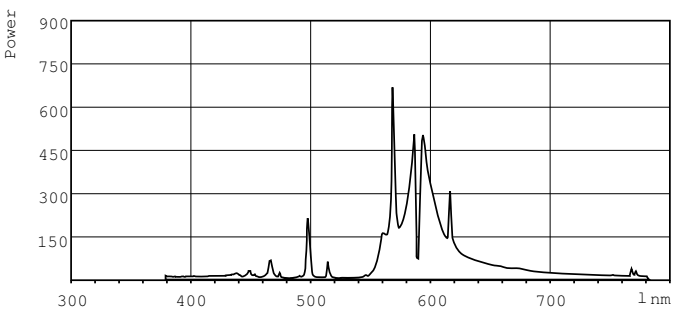
Product	D (max)	O	L	C (max)	A
MASTER GreenPower CG T 600W E40 1SL/12	47 mm	151 mm	166 mm	279 mm	205 mm

Photometric data



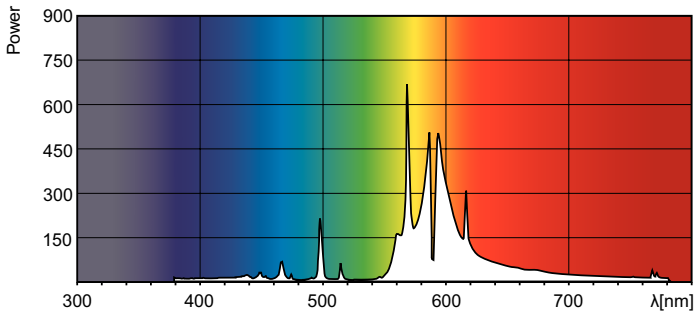


MASTER GreenPower & Agro 250W - 600W



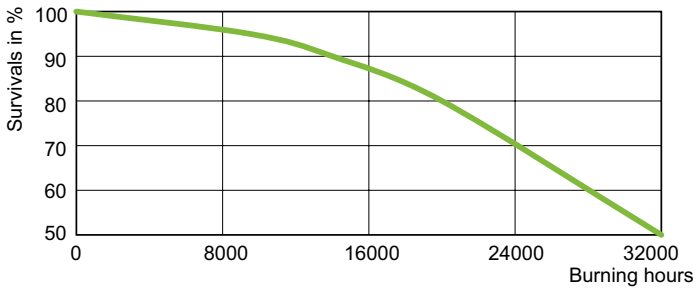
SON GreenPower 600W

Photometric data

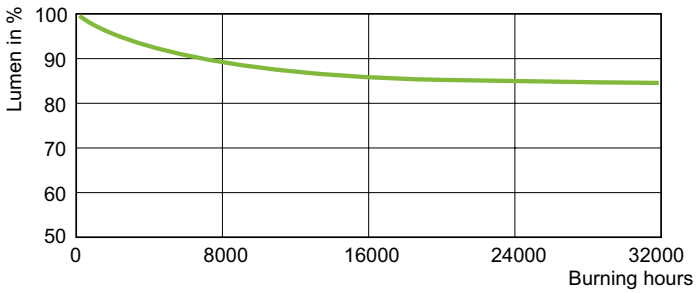


SON GreenPower 600W

Lifetime



GreenPower CG T 600 W Life Expectancy



MASTER GreenPower 600 W Lumen Maintenance

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