

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	-

PHILIPS

- 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

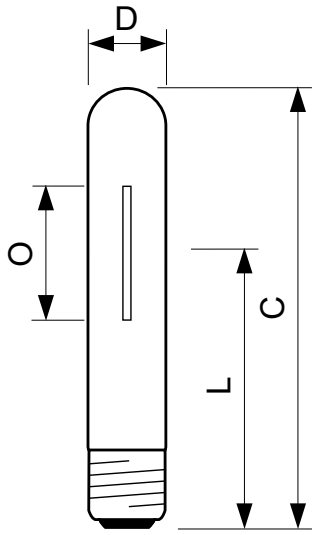
- Product Data

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

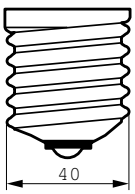
Warnings and Safety

- 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



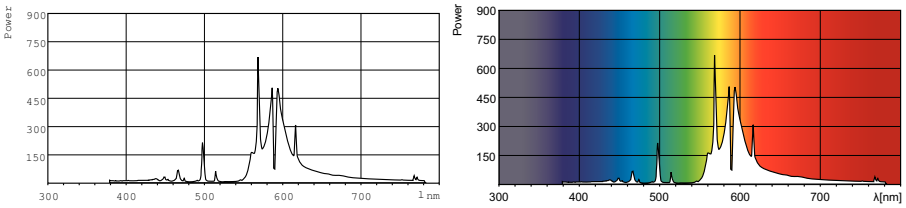
Agro/GreenPower, 250W/400W/600W



SON GreenPower CG T 600W E40

Product	D	O	L	C	A
MASTER GreenPower CG T 600W E40 1SL/12	47 mm	151 mm	166 mm	283 mm	205 mm

Photometric data



© 2016 Philips Lighting Holding B.V.
All rights reserved.

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips N.V. (Royal Philips) or their respective owners.

www.philips.com/lighting

2016, March 7
data subject to change