



HORTI

MASTER GreenPower Plus 600W EL E40 UNP

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

Product data

• General Information

Cap-Base	E40 [E40]
Bulb Shape	T40 [T 40mm]
Operating Position	UNIVERSAL [Any or Universal (U)]
Life To 10% Failures (Nom)	10000 h
Life To 50% Failures (Nom)	18000 h
System Description	Electronic

• Light Technical

Color Code	220 [CCT of 2000K]
Luminous Flux (Rated) (Nom)	89250 lm
Photosynthetic Photon Flux (PPF)	1190 $\mu\text{mol/s}$
PPF Maintenance 2000 h	98 %
PPF Maintenance 4000 h	97 %
PPF Maintenance 8000 h	94 %
PPF Maintenance 10000 h	93 %
Chromaticity Coordinate X (Nom)	533
Chromaticity Coordinate Y (Nom)	416
Correlated Color Temperature (Nom)	2000 K
Luminous Efficacy (rated) (Nom)	144 lm/W
Color Rendering Index (Nom)	36

• Operating and Electrical

Lamp supply voltage	400 V [400]
Power (Rated) (Min)	615.0 W
Power (Rated) (Nom)	615.0 W
Ignition Supply Voltage (Nom)	398 V
Re-Ignition Time (Min) (Max)	5 min
Ignition Time (Max)	300 s
Voltage (Max)	244 V
Voltage (Min)	210 V
Voltage (Nom)	228 V

• Controls and Dimming

Dimmable	No
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)	41.8 mg
Energy Consumption kWh/1000 h	676 kWh

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Luminaire Design Requirements

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

Product Data

Full product code 871829123271100
 Order product name MASTER GreenPower Plus 600W EL E40 UNP

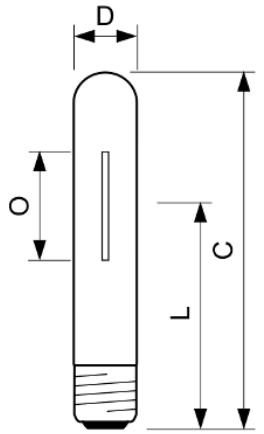
EAN/UPC - Product 8718291548355
 Order code 928151219214
 Numerator - Quantity Per Pack 1
 Numerator - Packs per outer box 54
 Material Nr. (12NC) 928151219214
 Net Weight (Piece) 0.131 kg
 ILCOS Code ST600-H/S-E40

Warnings and Safety

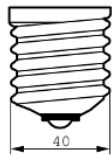
- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and

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



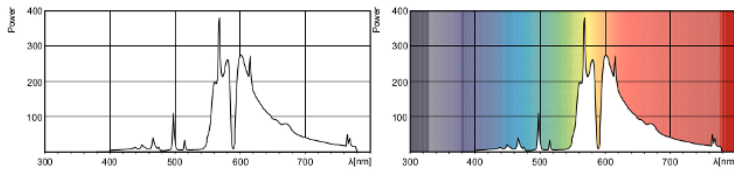
Agro/GreenPower, 250W/400W/600W



SON GreenPower Plus 600W EL E40

Product	D	O	L	C	A
MASTER GreenPower Plus 600W EL E40 UNP	47 mm	120 mm	168 mm	283 mm	205 mm

Photometric data



2015, December 28
 data subject to change



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