



HORTI

MASTER GreenPower 600W 400V E40 1SL

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

Product data

• General Characteristics

System Description	System 400V
Cap-Base	E40
Cap-Base Information	-
Bulb	T46 [T 46mm]
Bulb Finish	Clear
Operating Position	any [Any or Universal (U)]
Life to 5% failures	16000 hr
Life to 20% failures	24000 hr

• Light Technical Characteristics

Color Code	220 [CCT of 2000K]
Color Rendering Index	26 Ra8
Color Temperature	2040 K
Color Temperature Technical	2040 K
Luminous Flux EM 25°C, Rated	87500 Lm
Lum Efficacy Rated EM 25°C	144 Lm/W
Photosynthetic Photon Flux PPF	1120 umol/s
PPF maintenance 2000h	100 %
PPF maintenance 4000h	100 %
PPF maintenance 6000h	97 %
PPF maintenance 8000h	96 %
PPF maintenance 10000h	94 %
PPF maintenance 12000h	92 %

Chromaticity Coordinate X	526 -
Chromaticity Coordinate Y	420 -

• Electrical Characteristics

Lamp Wattage	600 W
Lamp Wattage EM 25°C, Rated	608 W
Voltage	400 V
Lamp Voltage	191 V
Lamp Current EM	3.620 A
Ignition Time	10 (max) s
Run-up time 90%	5 (max) min
Re-ignition Time [min]	1 (max) min
Dimmable	Yes

• Environmental Characteristics

Energy Efficiency Label (EEL)	A++
Mercury (Hg) Content	42 mg
Energy consumption kWh/1000h	608 kWh

• Luminaire Design Requirements

Cap-Base Temperature	250 (max) C
Bulb Temperature	450 (max) C

• Product Dimensions

Overall Length C	283 (max) mm
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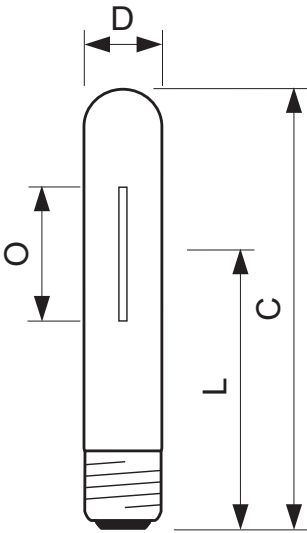
Diameter D 47 (max) mm
 Light Center Length L 164 mm
 Arc Length O 102 mm

Pieces per pack 1
 Packing configuration 12
 Packs per outerbox 12
 Bar code on pack - EAN1 8711500203076
 Bar code on outerbox - EAN3 8711500203083
 Logistic code(s) - 12NC 928159209227
 ILCOS code ST-600-H/S-E40
 Net weight per piece 179.000 kg

• Product Data

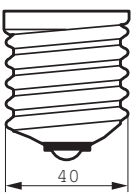
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 Full product name MASTER GreenPower 600W 400V E40 1SL
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Dimensional drawing



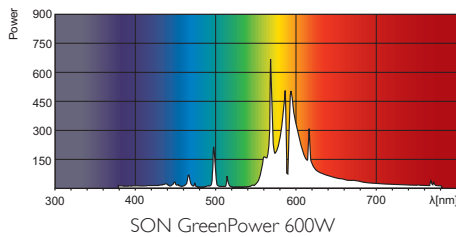
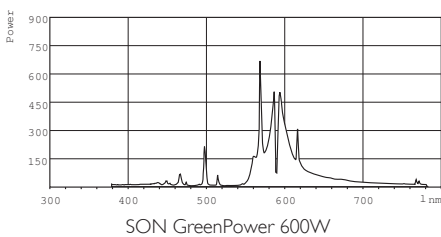
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Product	A (Min)	A (Norm)	A (Max)	C (Max)	D (Max)	L (Norm)	O (Norm)
SON GreenPower 600W 400V E40	-	-	-	283	47	164	102



E40

Photometric data





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www.philips.com/lighting

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data subject to change