



HORTI

MASTER GreenPower 600W 400V E40

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	12000 hr
Life to 10% failures	14000 hr
Life to 20% failures	16000 hr
Life to 50% failures	20000 hr

• Light Technical Characteristics

Color Code	220 [CCT of 2000K]
Color Rendering Index	30 Ra8
Color Temperature	2000 K
Luminous Flux EM 25°C, Rated	87550 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, Nominal	600.0 W
Lamp Wattage EM 25°C, Rated	608.0 W
Voltage	400 V
Lamp Voltage	190 V
Lamp Current EM	3.64 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	A++
Label (EEL)	
Mercury (Hg) Content	42.0 mg
Energy consumption kWh/1000h	669 kWh

• Luminaire Design Requirements

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

• Product Dimensions

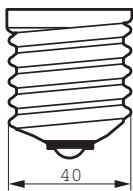
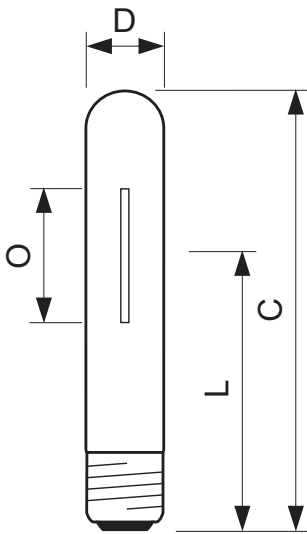
Reference Length A	205 mm
Overall Length C	283 (max) mm
Diameter D	47 (max) mm
Light Center Length L	164 mm
Arc Length O	102 mm

• Product Data

Order code	928159209214
Full product code	928159209214
Full product name	MASTER GreenPower 600W 400V E40

Order product name	MASTER GreenPower 600W 400V E40
Pieces per pack	1
Packing configuration	54
Packs per outerbox	54
Bar code on pack - EAN1	8718291548386
Bar code on outerbox - EAN3	8718291232964
Logistic code(s) - 12NC	928159209214
ILCOS code	ST-600-H/S-E40
Net weight per piece	0.179 kg

Dimensional drawing



E40

MASTER GreenPower 600W 400V E40

Product	A (Norm)	C (Max)	D (Max)	L (Norm)	O (Norm)
SON GreenPower 600W 400V E40	205	283	47	164	102

Photometric data

