



HORTI

MASTER GreenPower CG T 400W E40 1SL/12

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

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.

Product data

General Information	
Cap-Base	E40 [E40]
Operating Position	UNIVERSAL [Any or Universal (U)]
Life to 5% Failures (Nom)	18000 h
Life To 10% Failures (Nom)	21000 h
Life to 20% Failures (Nom)	25000 h
Life to 50% Failures (Nom)	30000 h
System Description	External Ignitor
Light Technical	
Color Code	220 [CCT of 2000K]
Luminous Flux (Rated) (Nom)	58000 lm
Photosynthetic Photon Flux (PPF)	750 μmol/s
PPF Maintenance 2000 h	97 %
PPF Maintenance 4000 h	96 %
PPF Maintenance 6000 h	96 %
PPF Maintenance 8000 h	95 %
PPF Maintenance 12000 h	94 %
Correlated Color Temperature (Nom)	2000 K
Luminous Efficacy (rated) (Nom)	136 lm/W

Color Rendering Index (Nom)	29
Operating and Electrical	
Lamp supply voltage	230 V [230]
Power (Rated) (Min)	430.0 W
Power (Nom)	430.0 W
Lamp Current (EM) (Nom)	4.0 A
Ignition Supply Voltage (Max)	198 V
Ignition Peak Voltage (Max)	2800 V
Re-Ignition Time (Min) (Max)	1 min
Ignition Time (Max)	10 s
Voltage (Max)	141 V
Voltage (Min)	111 V
Voltage (Nom)	126 V
Controls and Dimming	
Dimmable	Yes
Run-Up Time 90% (Max)	5 min

Mechanical and Housing

Bulb Finish	Clear
Cap-Base Information	-
Bulb Shape	T46 [T 46mm]

Approval and Application

Mercury (Hg) Content (Nom)	20.0 mg
Energy Consumption kWh/1000 h	473 kWh

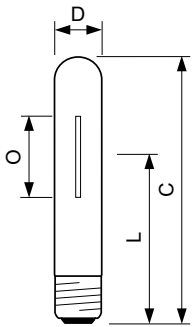
Luminaire Design Requirements

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

Product Data

Full product code	871150020196615
Order product name	MASTER GreenPower CG T 400W E40 ISL/12
EAN/UPC - Product	8711500201966
Order code	928158709227
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928158709227
Net Weight (Piece)	0.180 kg
ILCOS Code	ST-400-H/S-E40

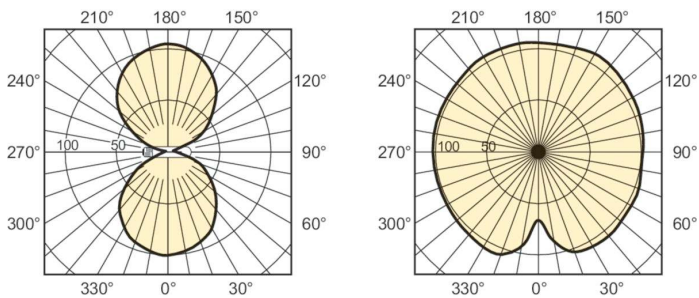
Dimensional drawing



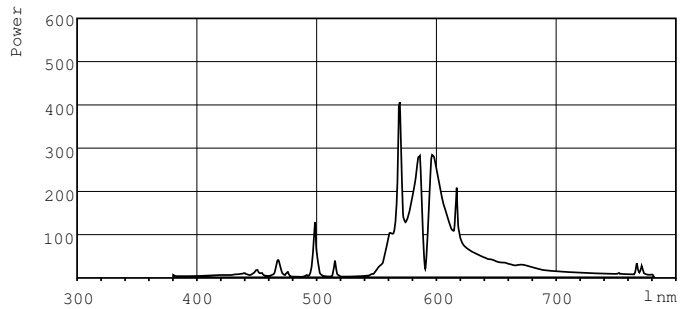
SON GreenPower CG T 400W E40

Product	D (max)	O	L	C (max)	A
MASTER GreenPower CG T 400W E40 ISL/12	47 mm	118.6 mm	175 mm	283 mm	205 mm

Photometric data



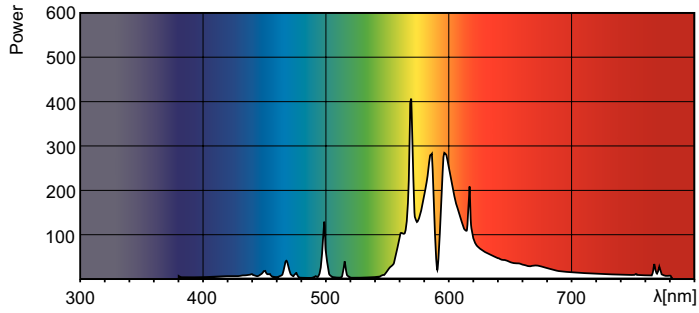
LDLD_SONHORT_0001-Light distribution diagram



LDPB_SONHORT_0002-Spectral power distribution B/W

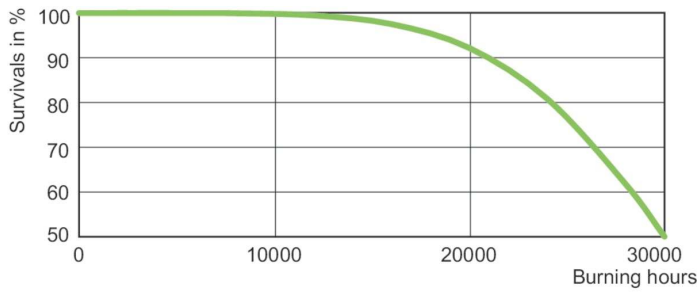
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Photometric data

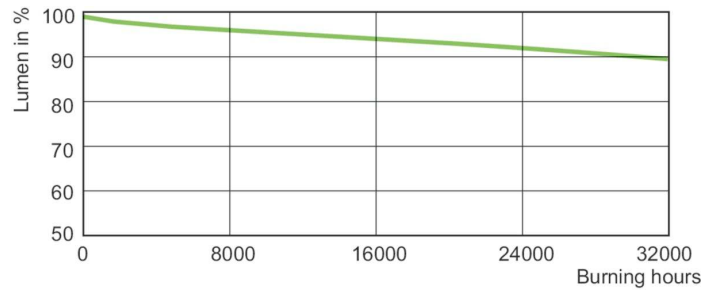


LDPO_SONTHORT_0002-Spectral power distribution Colour

Lifetime



LDLE_SONTHORT_0002-Life expectancy diagram



LDLM_SONTHORT_0002-Lumen maintenance diagram

