



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 (E)
Light Technical	
Colour code	220 [CCT of 2,000 K]
Luminous flux (rated) (nom.)	88000 lm
Photosynthetic photon flux (PPF)	1100 µmol/s
PPF maintenance 2,000 hours	97 %
PPF maintenance 5,000 hours	93 %
PPF maintenance 10,000 hours	91 %
PPF maintenance 12,000 hours	89 %
Chromaticity coordinate X (nom.)	533
Chromaticity coordinate Y (nom.)	432
Correlated colour 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	na [-]
Approval and Application	
Energy efficiency label (EEL)	A++
Mercury (Hg) content (nom.)	30.0 mg

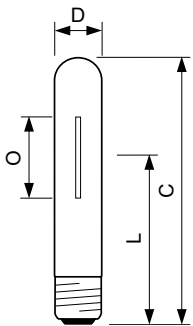
Energy Consumption kWh/1000 h	680 kWh
Luminaire Design Requirements	
Bulb temperature (max.)	400 °C
Cap base temperature (max.)	250 °C
Product Data	
Full product code	871150020202415
Order product name	MASTER GreenPower CG T 600W E40 1SL/12

EAN/UPC – product	8711500202024
Order code	20202415
Numerator – quantity per pack	1
Numerator – packs per outer box	12
Material no. (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.

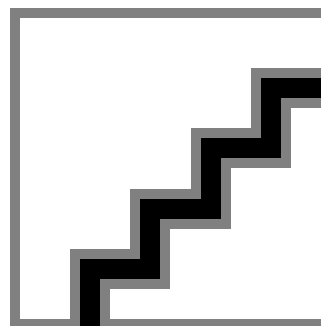
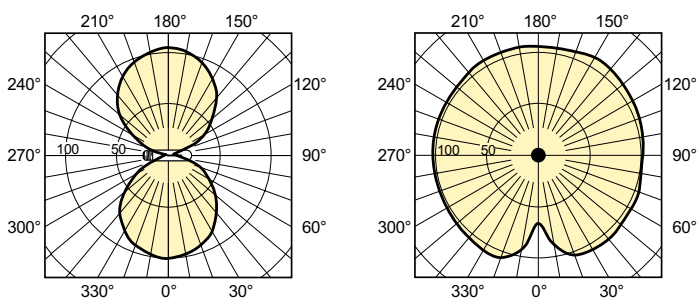
Dimensional drawing



SON GreenPower CG T 600W E40

Product	D (max)	O	L	C (max)	A
MASTER GreenPower CG T 600W E40 1SL/12	47 mm	151 mm	166 mm	279 mm	205 mm

Photometric data



LDPB_SONHORT_0003-Spectral power distribution B/W

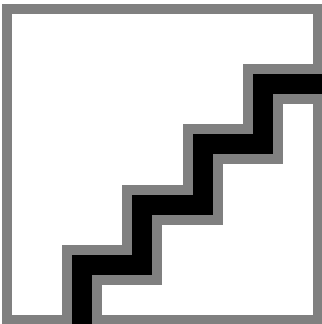
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Photometric data



LDPO_SONTHORT_0003-Spectral power distribution Colour

Lifetime



LDLE_SONTHORT_0005-Life expectancy diagram

