



HORTI

MASTER GreenPower CG T 600W E40 1SL/12

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

Product data

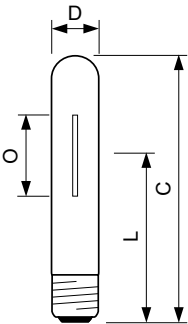
General Information		Operating and Electrical	
Cap base	E40 [E40]	Lamp supply voltage	230 V [230]
Operating position	UNIVERSAL [Any/Universal]	Power (Rated) (Min)	618.0 W
Life to 5% failures (nom.)	9500 h	Power (Rated) (Nom)	618.0 W
Life to 10% failures (nom.)	14000 h	Lamp current (EM) (nom.)	5.45 A
Life to 20% failures (nom.)	20000 h	Ignition supply voltage (max.)	220 V
Life to 50% failures (nom.)	32000 h	Ignition peak voltage (max.)	3500 V
System description	External Ignitor (E)	Re-ignition time (min.) (max.)	1 min
Light Technical		Ignition time (max.)	10 s
Colour code	220 [CCT of 2,000 K]	Voltage (Max)	145 V
Luminous flux (rated) (nom.)	88000 lm	Voltage (Min)	115 V
Photosynthetic photon flux (PPF)	1100 µmol/s	Voltage (Nom)	130 V
PPF maintenance 2,000 hours	97 %	Controls and Dimming	
PPF maintenance 5,000 hours	93 %	Dimmable	yes
PPF maintenance 10,000 hours	91 %	Run-up time 90% (max.)	5 min
PPF maintenance 12,000 hours	89 %	Mechanical and Housing	
Chromaticity coordinate X (nom.)	533	Bulb finish	Clear
Chromaticity coordinate Y (nom.)	432	Cap base information	na [-]
Correlated colour temperature (nom.)	2000 K	Approval and Application	
Luminous efficacy (rated) (nom.)	142.4 lm/W	Energy efficiency label (EEL)	A++
Color rendering index (max.)	-	Mercury (Hg) content (nom.)	30.0 mg
Color rendering index (nom.)	26		

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
Local Code	600SONTGP
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

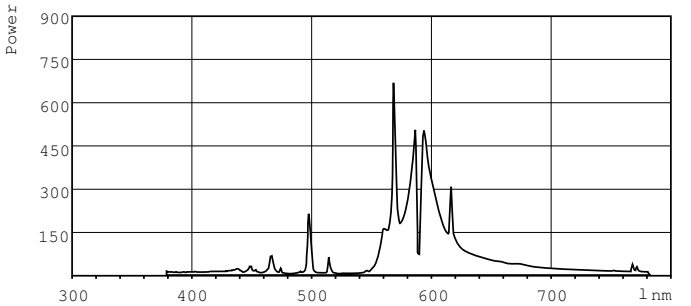
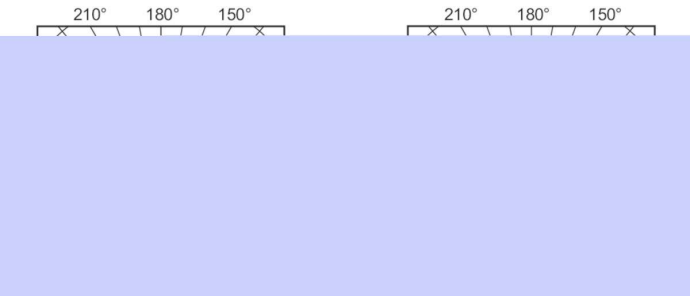
Dimensional drawing



SON GreenPower CG T 600W E40

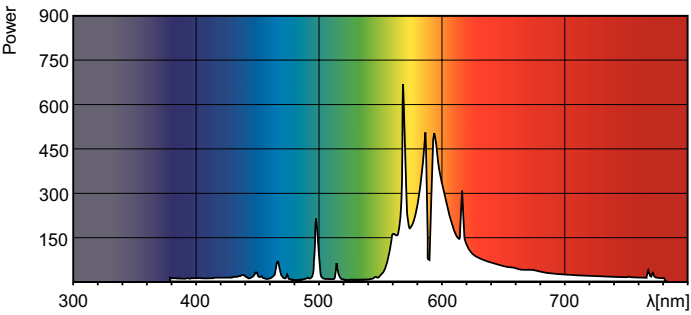
Product	D (max)	O	L	C (max)	A
MASTER GreenPower CG T 600W E40 1SL/12	47 mm	151 mm	166 mm	279 mm	205 mm

Photometric data



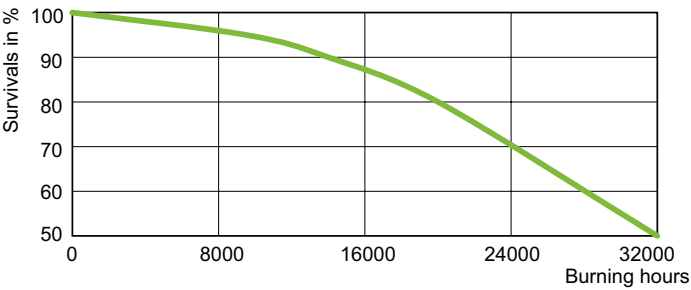
LDPB_SONTHORT_0003-Spectral power distribution B/W

Photometric data



LDPO_SONTHORT_0003-Spectral power distribution Colour

Lifetime



LDLE_SONTHORT_0005-Life expectancy diagram

