# **PHILIPS** Lighting



# Horticulture

# MASTER GreenPower CG T 600W Mogul 1SL/12

Plant growth (photosynthesis) is not determined by lux or energy, but by the photons from the blue to red (400–700 nm) part of the spectrum. This is called growth light! For horticulture, natural daylight (global radiation) is in most cases measured in terms of energy (J orW) with a solar meter. This meter is generally positioned on top of the greenhouse. The value of global radiation is important for climate and humidity control in the greenhouse. Agrolite XT lamps are specially developed for maximum growth light and are among the most efficient light sources available for horticulture.

#### Warnings and Safety

- Lamp contains mercury.
- Manage in Accord with Disposal Laws.
- See: www.lamprecycle.org or 1-800-555-0050

#### **Product data**

General Information		Operating and Elec
Cap-Base	E39 [Single Contact Mogul Screw]	Power Consumption
Operating Position	UNIVERSAL [Any or Universal (U)]	Voltage (Nom)
Life to 50% Failures (Nom)	32,000 hour(s)	Voltage (Nom)
Light Technical		Controls and Dimm
Color Code	220 [CCT of 2000K]	Dimmable
Chromaticity Coordinate X (Nom)	533	
Chromaticity Coordinate Y (Nom)	432	Mechanical and Ho
Correlated Color Temperature (Nom)	2000 K	Bulb Finish
Luminous Efficacy (rated) (Nom)	142.4 lm/W	Bulb Shape
Color rendering index (CRI)	26	
Arc Length O (Nom)	102 mm	Approval and Appli
		Mercury (Hg) Content (

Operating and Electrical			
Power Consumption	618.0 W		
Voltage (Nom)	130 V		
Voltage (Nom)	130 V		
Controls and Dimming			
Dimmable	Yes		
Mechanical and Housing			
Bulb Finish	Clear		
Bulb Shape	T46		
Approval and Application			
Mercury (Hg) Content (Nom)	30.0 mg		

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Energy Consumption kWh/1000 h	680 kWh	
Product Data		
Order product name	MASTER GreenPower CG T 600W Mogul 1SL/12	
Full product name	MASTER GreenPower CG T 600W Mogul 1SL/12	
Order code	404889	
Material Nr. (12NC)	928197709207	

Numerator - Quantity Per Pack	1		
EAN/UPC - Product/Case	046677404888		
Numerator - Packs per outer box	12		
EAN/UPC - Case	50046677404883		

### Dimensional drawing



Product	D (max)	D	0	L	C (max)	Α
MASTER GreenPower	1-7/8 inch	1.75	4-1/16	6-9/16	10-7/8	8-1/8
CG T 600W Mogul		inch	inch	inch	inch	inch
1SL/12						

## Photometric data





Light Distribution Diagram - MASTER GreenPower CG T 600W Mogul 1SL/12



Spectral Power Distribution Colour - MASTER GreenPower CG T 600W Mogul 1SL/12

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#### Lifetime



Life Expectancy Diagram - MASTER GreenPower CG T 600W Mogul 1SL/12

\$ 100 90 80 70 60 50 0 8000 16000 24000 32000 Burning hours

Lumen Maintenance Diagram - MASTER GreenPower CG T 600W Mogul 1SL/12



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