# **PHILIPS** Lighting



# Horticulture

# MASTER GreenPower CG T 400W 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.

### **Product data**

General Information					
Cap-Base	E39 [Single Contact Mogul Screw]				
Operating Position	UNIVERSAL [Any or Universal (U)]				
Life to 50% Failures (Nom)	30,000 hour(s)				
Light Technical					
Color Code	220 [CCT of 2000K]				
Correlated Color Temperature (Nom)	2000 K				
Luminous Efficacy (rated) (Nom)	136 lm/W				
Color rendering index (CRI)	29				
Arc Length O (Nom)	83 mm				
Operating and Electrical					
Power Consumption	430.0 W				
Voltage (Nom)	126 V				
Voltage (Nom)	126 V				

Controls and Dimming					
Dimmable	Yes				
Mechanical and Housing					
Bulb Finish	Clear				
Bulb Shape	T46 [T 46mm]				
Approval and Application					
Mercury (Hg) Content (Nom)	20.0 mg				
Energy Consumption kWh/1000 h	473 kWh				
Product Data					
Order product name	MASTER GreenPower CG T 400W Mogul 1SL/12				
Full product name	MASTER GreenPower CG T 400W Mogul 1SL/12				
Order code	928197809207				
Material Nr. (12NC)	928197809207				
Numerator - Quantity Per Pack	1				
EAN/UPC - Product/Case	046677404871				
Numerator - Packs per outer box	12				

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EAN/UPC - Case

50046677404876

#### **Dimensional drawing**

Product	D (max)	D	0	L	C (max)	А
MASTER GreenPower CG T	47 mm	1.75 inch	83 mm	175 mm	283 mm	205 mm
400W Mogul 1SL/12						

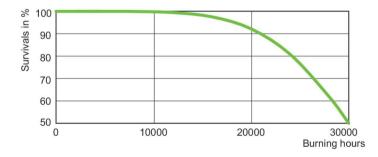
#### Photometric data

600 500 400 200 100 300 400 500 600 700 4(nm)

Light Distribution Diagram - MASTER GreenPower CG T 400W Mogul 1SL/12

Spectral Power Distribution Colour - MASTER GreenPower CG T 400W Mogul 1SL/12

#### Lifetime



Life Expectancy Diagram - MASTER GreenPower CG T 400W Mogul 1SL/12

Lumen Maintenance Diagram - MASTER GreenPower CG T 400W Mogul 1SL/12

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