



# 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 or W) 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
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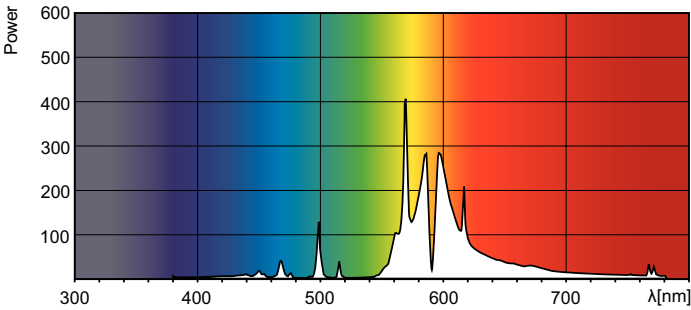
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	T46 [T 46mm]
Approval and Application	
Mercury (Hg) Content (Nom)	20.0 mg
Energy Consumption kWh/1000 h	473 kWh
Product Data	
Order product name	MASTER GreenPower CG T 400W Mogul 1SL/12
Full product name	MASTER GreenPower 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

EAN/UPC - Case	50046677404876
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Dimensional drawing

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

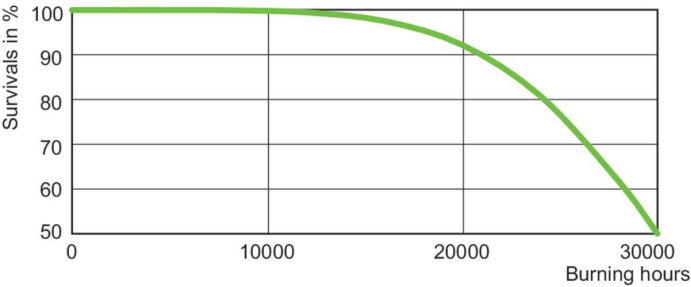
Photometric data



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

