Horticulture

MASTER GreenPower 600W 347V 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	
Cap-Base	E39 [Single Contact Mogul Screw]
Operating Position	UNIVERSAL [Any or Universal (U)]
Life to 50% Failures (Nom)	20,000 hour(s)

Light Technical	
Color Code	220 [CCT of 2000K]
Chromaticity Coordinate X (Nom)	526
Chromaticity Coordinate Y (Nom)	420
Correlated Color Temperature (Nom)	2000 K
Luminous Efficacy (rated) (Nom)	144 lm/W
Color rendering index (CRI)	33
Arc Length O (Nom)	102 mm

Operating and Electrical	
Power Consumption	608.0 W
Voltage (Nom)	185 V
Voltage (Nom)	185 V

Controls and Dimming	
Dimmable	Yes

Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	T46 [T 46mm]

Approval and Application	
Mercury (Hg) Content (Nom)	42.0 mg

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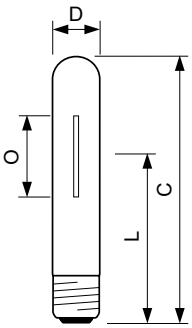
Energy Consumption kWh/1000 h	669 kWh

Product Data

Order product name	MASTER GreenPower 600W 347V Mogul 1SL/12
Full product name	MASTER GreenPower 600W 347V Mogul 1SL/12
Order code	404897
Material Nr. (12NC)	928198109207

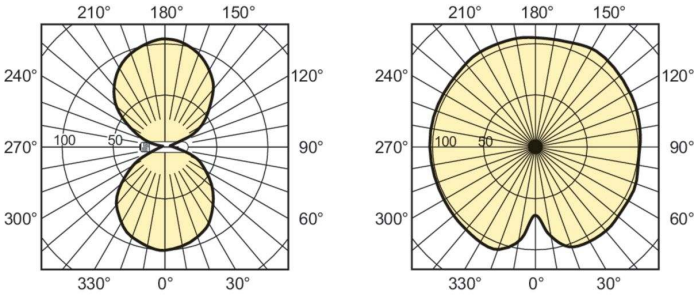
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677404895
Numerator - Packs per outer box	12
EAN/UPC - Case	50046677404890

Dimensional drawing

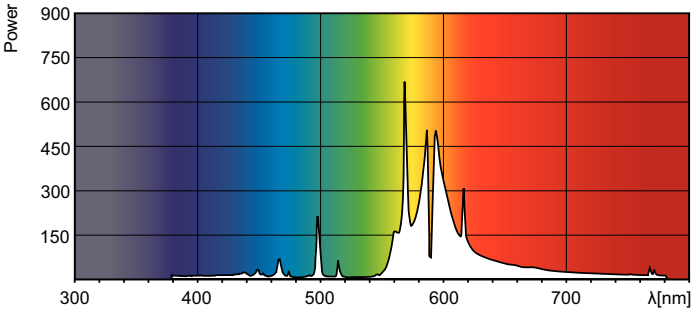


Product	D (max)	D	O	L	C (max)	A
MASTER GreenPower 600W 347V Mogul 1SL/12	47 mm	1.81 inch	102 mm	164 mm	275 mm	205 mm

Photometric data



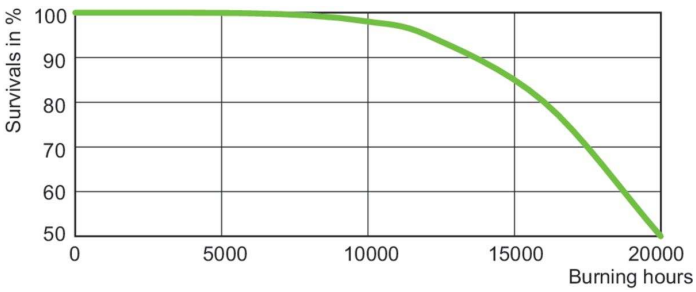
Light Distribution Diagram - MASTER GreenPower 600W 347V Mogul 1SL/12



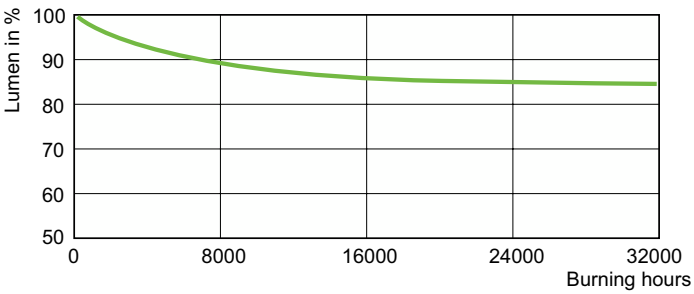
Spectral Power Distribution Colour - MASTER GreenPower 600W 347V Mogul 1SL/12

Horticulture

Lifetime



Life Expectancy Diagram - MASTER GreenPower 600W 347V Mogul 1SL/12



Lumen Maintenance Diagram - MASTER GreenPower 600W 347V Mogul 1SL/12

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