



Horticulture

MASTER GreenPower Plus 600W EL Mogul

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.

Warnings and Safety

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

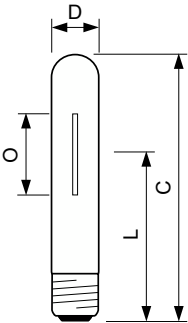
Product data

General Information		Operating and Electrical	
Cap-Base	E39 [Single Contact Mogul Screw]	Power Consumption	600 W
Operating Position	UNIVERSAL [Any or Universal (U)]	Voltage (Nom)	228 V
Life to 50% Failures (Nom)	18,000 hour(s)	Voltage (Nom)	228 V
Light Technical		Controls and Dimming	
Color Code	220 [CCT of 2000K]	Dimmable	No
Chromaticity Coordinate X (Nom)	533	Mechanical and Housing	
Chromaticity Coordinate Y (Nom)	416	Bulb Finish	Clear
Correlated Color Temperature (Nom)	2000 K	Bulb Shape	T40 [T 40mm]
Luminous Efficacy (rated) (Nom)	144 lm/W	Approval and Application	
Color rendering index (CRI)	36	Mercury (Hg) Content (Nom)	41.8 mg
Arc Length O (Nom)	120 mm		

Energy Consumption kWh/1000 h	676 kWh
Product Data	
Order product name	MASTER GreenPower Plus 600W EL Mogul
Full product name	MASTER GreenPower Plus 600W EL Mogul
Order code	427146
Material Nr. (12NC)	928152219207

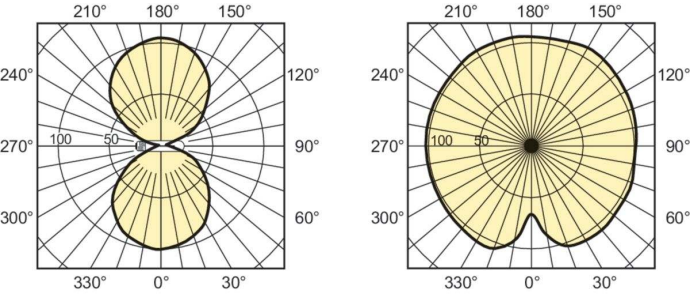
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677427146
Numerator - Packs per outer box	12
EAN/UPC - Case	50046677427141

Dimensional drawing

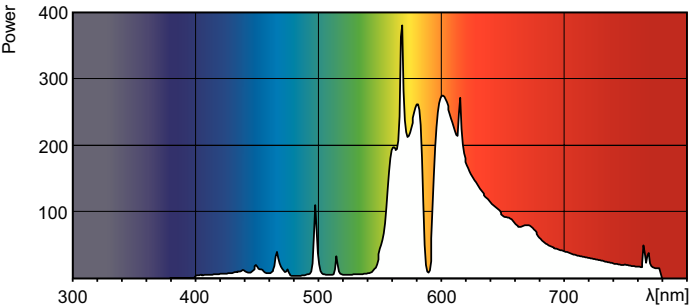


Product	D (max)	D	O	L	C (max)	A
MASTER	1-7/8 inch	1.81	4-3/4	6-5/8	11-3/16 inch	8-1/8
GreenPower Plus		inch	inch	inch		inch
600W EL Mogul						

Photometric data

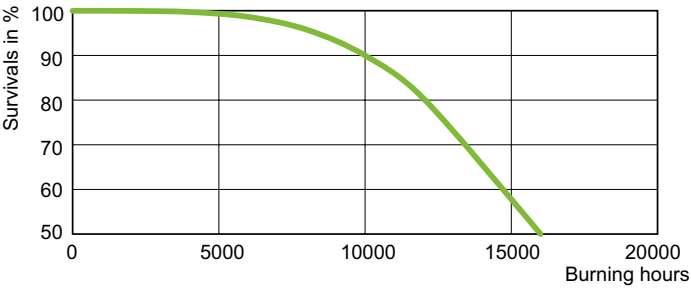


Light Distribution Diagram - MASTER GreenPower Plus 600W EL Mogul

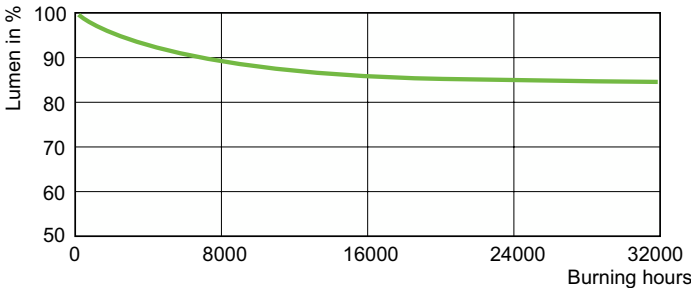


Spectral Power Distribution Colour - MASTER GreenPower Plus 600W EL Mogul

Lifetime



Life Expectancy Diagram - MASTER GreenPower Plus 600W EL Mogul



Lumen Maintenance Diagram - MASTER GreenPower Plus 600W EL Mogul

