

PLANTASTAR LAMPS

High Pressure Sodium lamps for plant growth



- Lamps available in 400W, 600W, and 1000W
- Very high efficacy: Up to 150 LPW
- Plant growing lamps for most varieties of crops
- High pressure sodium lamps for more effective plant growth
- Assimilative lighting with PLANTASTAR lamps leads to better market quality plants (healthy growth and optimum plant shapes)
- Universal operating position
- Solid, high impact construction (less breakage)

Designed for plant growth applications, SYLVANIA PLANTASTAR lamps are known for high efficacy and long life. These high-pressure sodium lamps are specially designed for horticulture to provide ideal growing conditions.

Product Availability

Wattage	Bulb Shapes	Base
400	T14.5	E40 Mogul
600	T14.5	E40 Mogul
1000	E25	E39 Mogul

Application Information

Applications

Horticulture – plant growth

Ballast Information

Operate PLANTASTAR lamps with compatible ballasts.

Fixtures

PLANTASTAR lamps can be operated in OPEN fixtures.



Sample Specification

Lamp(s) shall be (a) PLANTASTAR lamps and shall be designed for high efficacy and ideal plant growth.

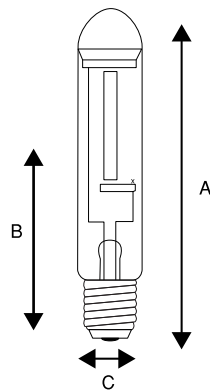
Ordering and Specification Information

Item Number	Ordering Abbreviation	Watts	Bulb	Base	ANSI Code	Avg. Rated Life (hrs) ²	Initial Lumens	Mean Lumens	CCT
67711	PLANTASTAR 400W	400	T14.5	E40	S51/0'	16,000	55,000	50,000	2000
67712	PLANTASTAR 600W	600	T14.5	E40	S106/0'	16,000	90,000	81,000	2000
67314	PLANTASTAR 1000W	1000	E25	E39	S52/0	24,000	130,000	124,000	2100

Notes:

1. Use with 4-5 kV pulse ignitor.
2. Based on >5,000 hrs/year. Luminous flux is extremely constant during first 10,000 hours for 400W and 600W, 16,000 hours for 1000W. After this time it is advisable to change out the lamps.
3. For lamp wattages of 360W and greater, it is recommended that lampholders with nickel-plated copper alloy center contacts (with spring) should be used rather than electrical contacts made of stainless steel.

Dimensions



Bulb	MOL (A)	LCL (B)	Diameter (C)
T14.5	11.2" (285mm)	6.9" (175mm)	1.8" (46mm)
E25	15.1" (383mm)	6.9" (175mm)	3.1" (78mm)

Technical Information

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