PHILIPS

Ceramalux Agro

D_CERAGR



The role of light in the growth and development of plants.

Plant growth (photosynthesis) is not then 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.

Benefits

- Ceramalux Agro (Agrolite XT-ED25) lamps are among the most efficient light sources available for horticulture.
- Environmentally responsible lamps - ALTO Lamp Technology
- Simple and robust construction for reliable lifetime

Applications

- Ideal for growing vegetables and flowers

Features

- Enhanced spectrum Xtreme grow lamp offers 22% more micromols.*

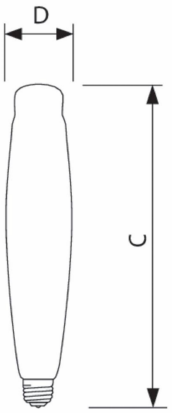
- Excellent lumen and growth light maintenance at 97%1 safeguards a constant crop quality and quantity over life.
- Ceramic discharge tube with PIA technology, simple and robust construction for reliable lifetime.
- Features ALTO® Lamp Technology, environmentally responsible lamp.
- Available in 1000 watt version

Versions



LPPR D-HPS-AG GES E25 CL

Dimensional drawing



Product	D	C (max)
C1000S52/AGROLITE XL	3.125 inch	15.063 inch

General Information

Cap-Base	E39 [Single Contact Mogul Screw]
Operating Position	UNIVERSAL [Any or Universal (U)]

Light Technical

Chromaticity Coordinate X (Nom)	518
Chromaticity Coordinate Y (Nom)	422
Correlated Color Temperature (Nom)	2100 K
Luminous Efficacy (Rated) (Min)	131.4 lm/W
Luminous Efficacy (rated) (Nom)	146 lm/W
Color rendering index (CRI)	26

Operating and Electrical

Power Consumption	1,003 W
Lamp Current (Nom)	4.7 A
Voltage (Nom)	250 V

Mechanical and Housing

Bulb Finish	Clear
Bulb Material	Hard Glass
Bulb Shape	E25

Approval and Application

Mercury (Hg) Content (Nom)	33 mg

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