



Ceramalux Agro

C1000S52/AGROLITE XL

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.

PHILIPS

Product data

• General Information

Cap-Base	Mogul [Mogul]
Operating Position	Universal [Universal]
Main Application	Agro
Life To 50% Failures (Nom)	15000 h
Ansi Code HID	S52

• Light Technical

Initial lumen (Min)	131400 lm
Initial lumen (Nom)	146000 lm
Photosynthetic Photon Flux (PPF)	1850 $\mu\text{mol/s}$
Design Mean Lumens	131400 lm
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 (Nom)	26

• Operating and Electrical

Power (Rated) (Nom)	1000 W
Lamp Current (Nom)	4.7 A
Ignition Supply Voltage (Max)	456 V
Re-Ignition Time (Min) (Max)	2 min

Ignition Time (Max)	5 s
Voltage (Max)	275 V
Voltage (Min)	210 V
Voltage (Nom)	250 V

• Mechanical and Housing

Bulb Finish	Clear (CL)
Cap-Base Information	Brass [Brass Cap]
Bulb Material	Hard Glass

• Approval and Application

Picogram Per Lumen Hour	16.7 pg/lm.h
Mercury (Hg) Content (Nom)	33 mg

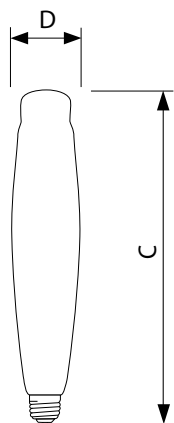
• Luminaire Design Requirements

Bulb Temperature (Max)	400 °C
Cap-Base Temperature (Max)	210 °C

• Product Data

Order product name	C1000S52/AGROLITE XL
EAN/UPC - Product	046677140649
Order code	140640
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	928601154704
Net Weight (Piece)	0.001 kg

Dimensional drawing

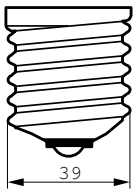


HPS AGRO 1000W E39 E25 U

Product	D	C
C1000S52/AGROLITE XL	3.125 in	15.063 in

E39, E 25 U

Dimensional drawing



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2015, November 29
data subject to change