



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.

Product data

General Information	
Cap-Base	E39 [Single Contact Mogul Screw]
Operating Position	Universal [Universal]
Main Application	Agro
Life to 50% Failures (Nom)	15000 h
ANSI Code HID	S52
Light Technical	
Luminous Flux (Rated) (Min)	131400 lm
Luminous Flux (Rated) (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	
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

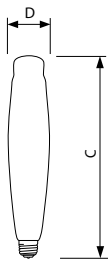
Cap-Base Temperature (Max)	210 °C
Product Data	
Order product name	C1000S52/AGROLITE XL
EAN/UPC - Product	046677140649
Order code	140640

Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	928601154704
Net Weight (Piece)	0.001 kg

Warnings and Safety

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

Dimensional drawing



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

HPS AGRO 1000W E39 E25 U

