



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]
Burning Position	UNIVERSAL [Any/Universal]
Main application	Agro
Life to 50% failures (nom.)	15000 h
ANSI code HID	S52
Light Technical	
Lamp Luminous Flux (Min)	131400 lm
Lamp Luminous Flux (Nom)	146000 lm
Photosynthetic photon flux (PPF)	1850 μmol/s
Design mean lumens	131400 lm
Chromaticity coordinate X (nom.)	518
Chromaticity coordinate Y (nom.)	422
Colour Temperature, horizontal (Nom)	2100 K
Lamp Luminous Efficacy EM (Min)	131.4 lm/W
Lamp Luminous Efficacy EM (Nom)	146 lm/W
Colour Rendering Index,horiz (Nom)	26

Operating and Electrical	
Power (Rated) (Nom)	1003 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	
Lamp Finish	Clear
Cap-base information	Brass [Brass Cap]
Bulb material	Hard Glass
Bulb shape	E-25
Approval and Application	
Picogram per lumen hour	16.7 pg/lm.h

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Mercury (Hg) content (nom.)	33 mg
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Luminaire Design Requirements

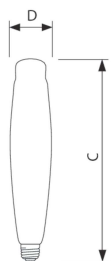
Bulb temperature (max.)	400 °C
Cap-base temperature (max.)	210 °C

Product Data

Order product name	C1000S52/AGROLITE XL
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EAN/UPC – product	046677140649
Order code	928601154704
SAP numerator – quantity per pack	1
Numerator – packs per outer box	6
SAP material	928601154704
SAP net weight (piece)	0.001 kg

Dimensional drawing



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

HPS AGRO 1000W E39 E25 U

