

GREENHOUSE

The **GREENHOUSE** Grow Luminaire featuring Light Emitting Plasma™

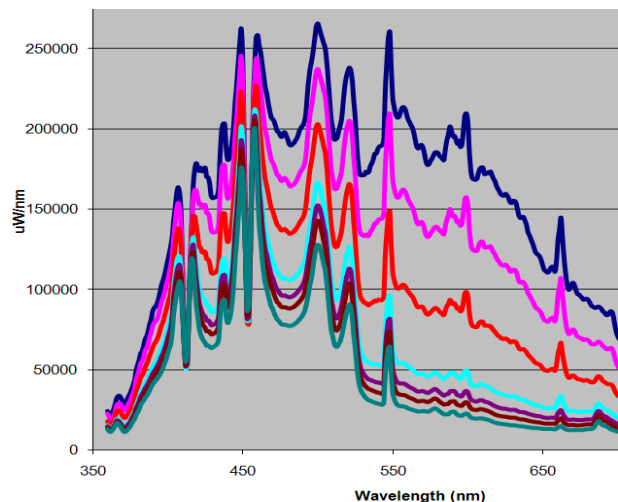
- ✓ 17,000 Source Lumens
- ✓ Energy Efficient: 72 Lumens/Watt
- ✓ Long Life – 30,000 hours
- ✓ Color Rendering of 95 CRI
- ✓ Compact Emitting Area
- ✓ Forward Directional Output
- ✓ Dimmable to 20%
- ✓ Rapid Start
- ✓ Digital or Analog Controllability



An ideal lighting fixture for Greenhouse and other high Illuminance applications. Replaces 400W metal halide and HPS lighting fixtures. Ideal for applications to help augment the sun, which is especially beneficial on a rainy or overcast day. In addition, we are able to extend the growing day and growing season (manipulate photoperiod) which in turn benefits your bottom line. The head is a fixed position; the body features a new modern design; and the electrical components are IP67 rated.

Control Options

Stray Light fixtures can be purchased with multiple control options. We offer integration options for existing systems as well as our own custom solution which allows control through mobile devices such as your phone! Please see the spectrum with respect to dimming below.





Part Description

Greenhouse Grow

Length	408mm/16.1"
Width	286mm/11.3"
Height	172mm/6.8"
Weight	19 lbs
Operating Temperature	-40 to 45°C
Rated Average Life	30,000 hours
Source Lumens	17,000 lumens
Fixture Lumens	15,000 lumens
Voltage	100-277V 480V Optional
Typical Turn-On Time	45 seconds
CCT	5,300K
CRI	95
Dimming Range ¹	20-100%
Nominal AC Power	295 watts @208V
Current @ 120v	<2.6A
Current @277v	<1.1A
Current @ 480v	<0.65A
Power Factor	0.99

Compliance Testing	
Safety, Lamp (US)	UL1029
Safety, Lamp (EU)	EN61347-1:2008 EN60347-2-9:2009
Safety, Fixture (US)	CSA C22.2 No.250.0-08 UL1598 3 rd Ed.
Photometric, Lamp and Fixture	IESNA LM-79
EMC	CISPR22/FCC Part 18 Class A
Materials, Lamp	RoHS

Mounts:	Rod, Stem, Hook 20-50 ft high
Lens:	Tempered Glass
Housing:	Aluminum

Fixture	Source	Reflector	Lens	Voltage	Color	Cord Set	Control	Head Bracket
GRE	411 (23000 Lumens 75 CRI)	C1 (Octagonal)	C ¹ (Clear)	1 ¹ (100-277 VAC)	BL ¹ (Black)	00 (No Cord)	Shipped installed to fixture	Shipped installed to fixture
	412 ¹ (17000 lumens 95 CRI)	S1 (60x60)	S (Solite)	2 (277-480 VAC)	BZ (Bronze)	C1 ¹ (8', 5-15P Cord Set)	000 ¹ (No Controls)	S ¹ (Standard)
		S2 (90x90)	P (Prismatic)		WH (White)	C2 (12', 5-15P Cord Set)	100 (Power Switch)	H ² (Hinge)
		S3 (120x120)			GY (Gray)	C3 (12', 6-15P Cord Set)	010 (Dimmer)	P ³ (3/4" NPT)
		R1 (90x60)			XX (Custom)	C4 (12', L5-15P Cord Set)	001 (Terminal Block)	Z (Custom)
		R2 (120x60)					110 (Power Switch, Dimmer)	

Notes:

- Standard Components. If not specified, default option.
- Hinge, Locking. Allows head to adjust independent of body.
- 3/4" NPT. Allows attachment of hook or extension pipe.



Product	Source	Reflector	Glass	Voltage	Color	Cord Set	Controls	HB
G R E 4 1 2	1	2	S 2	C	1	B L C 1	0 0 1	S

Greenhouse,17000 Lumen Source, 90x90 Reflector, Clear Glass, 100-277VAC, Black, 8' Cord w/Nema 5-15P, Terminal Block, Standard

Accessories (Order Separately)

SLOT PN	Description	
1000253	Bracket, Truss. Allows unit to hang from a truss with a 2 inch (50.8 mm) maximum.	
1000265	Bracket, Hanging, Wall Mount, Assembly, Black. Allows unit to mount to a wall or other surface.	