



TECHNICAL SPECIFICATIONS

Watts	480W	660W	960W	
PPF	1,248 $\mu\text{mol/s}$	1,820 $\mu\text{mol/s}$	2,496 $\mu\text{mol/s}$	
Size	See Diagrams		Spectrum	Broad-Spectrum
Voltage	AC120-277V / AC277-480V		IP Rating	IP42 / IP65
Dimming	0-10V		Materials	Aircraft Aluminum
Beam Angle	120°		Finish	Silver
CRI	>80		Lens	Clear
PF	≥ 0.9		Lifespan	>50,000 hours

SARIN's LED Broad-Spectrum Grow Lights are enriched with red and blue peaks to provide robust photosynthesis and plant development while allowing the green waveband to be versatile with any crop type. Recommended for indoor cultivation environments, except in specialized cases where narrow-band lighting is ideal. This technology replaces HPS lights for an increase in crop yield while significantly decreasing heat and energy consumption. This reduction in heat lowers the cost of running cooling systems which boosts the efficiency of these systems even further. These grow lights are easy to install in parallel, and safe for indoor use.

OVERVIEW

- Applications:** Damp / Wet Areas
- PPE:** 2.6 $\mu\text{mol/J}$
- Dimming:** 0-10V
- LED Type:** HongLi 2835, LEDSTAR 3535
- Driver:** MOSO
- Operating Temp:** -40° to 133° F
- Operating Humidity:** 10%-90% RH
- Lifespan:** >50,000 hours
- Warranty:** 5 years operating 24/7

FEATURES

- Works with all known 0-10V and PWM control systems
- Compact and foldable
- Can connect power in series: 4x 480W, 3x 660W, 2x 960W
- Surge-protected driver

Included Components:

- Power wire and dimming wire
- 2 pieces of steel cord
- 2 pieces of nylon rope
- 2 pieces of suspension hooks

Optional Accessories:

- Bluetooth control system
- UVA light modules
- Power wire with plug
- Power wire for fixture linking
- Dimming wire for fixture linking



*pending



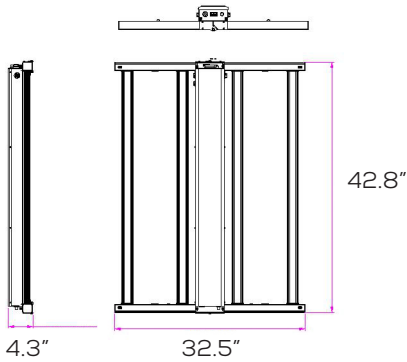
GL02 | Grow Light

Project _____ Type _____

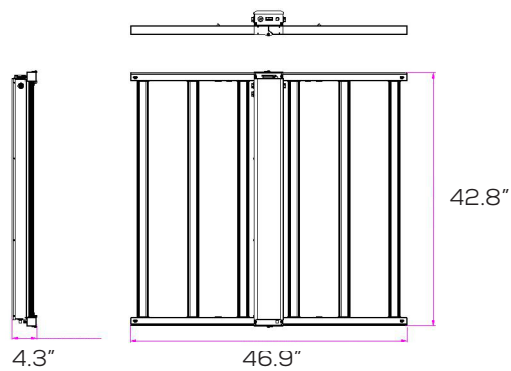
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DIMENSIONS

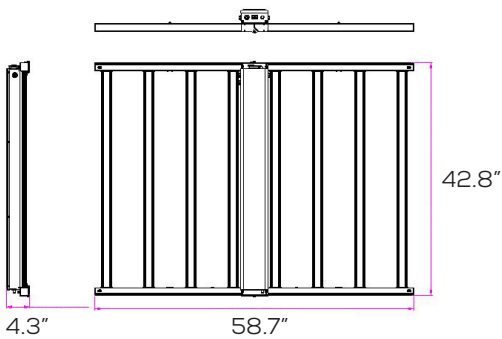
480W



660W



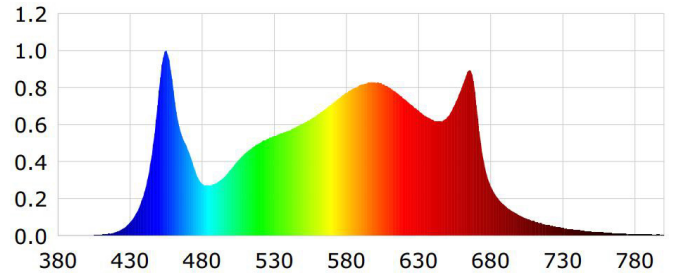
960W



COMMON STOCK MODEL

Item	Model Number	Watts	Voltage	Rating
10983	SES-GL02-660	660W	AC120-277V	IP42

SPECTRUM



VIDEO



goo.gl/afq7Wn

AMP DRAW

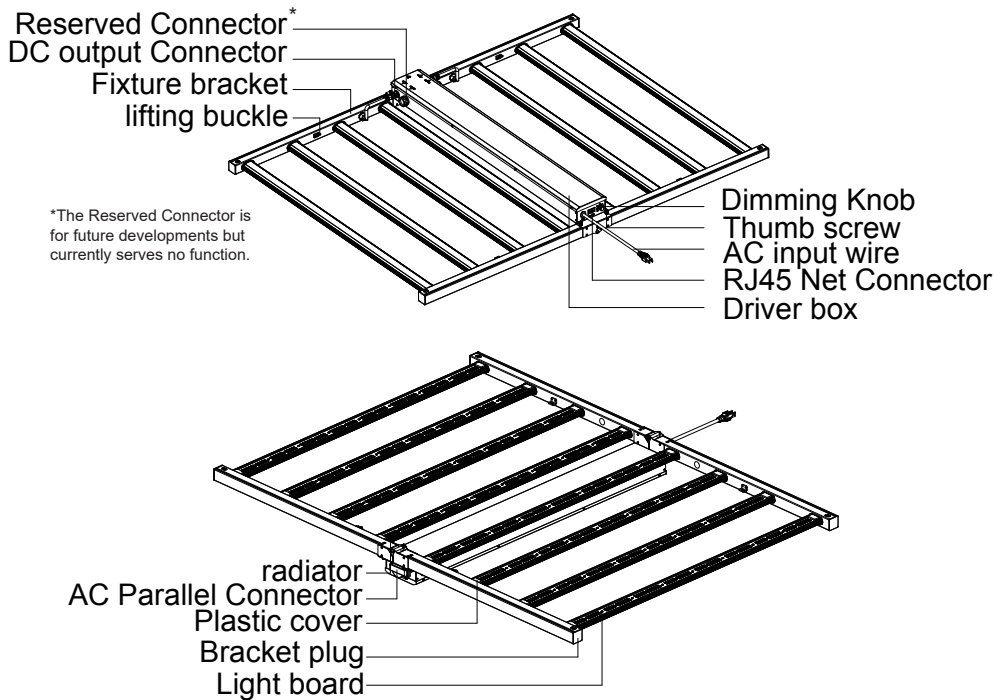
Watts	Voltage	Amp Draw
480W	AC120V	4A
480W	AC277V	1.86A
480W	AC480V	1A
660W	AC120V	5.5A
660W	AC277V	2.66A
660W	AC480V	1.38A
960W	AC120V	8A
960W	AC277V	3.73A
960W	AC480V	2A



INSTRUCTIONS

Caution:

1. Please do not view the lighted lamps with naked eyes directly.
2. Please do not disassemble, modify or repair this product by yourself.
3. Please do not knock or drop this product, repeated knocks may cause internal damage.
4. When installing the lamp, please comply with relevant national, regional and local laws and regulations.
5. When the lamps are connected in parallel, the max connection of 480W is 4 lamps, the max connection of 660W is 3 lamps, the max connection of 960W is 2 lamps
- 6: When the lamps are used for parallel dimming, up to 10 lamps can be connected, and the dimming knobs will be adjusted to the factory default EXT gear.



Installation of Wire sling:

- 1: Take the driver out of the box. (Figure 1)
- 2: Take the light out and unfold. (Figure 2)
- 3: Assemble the driver box to unfold fixture with thumb screw.(Figure 3)
- 4: Connect DC output connector to the corresponding interface of the driver box.(Figure 4)
- 5: Open the accessory package, find the wire sling, and hang it on the lifting buckle with the hook above.(Figure 5)



INSTRUCTIONS

- 6: Hang the 1/8" lifting pulley sling hook on the fixed hook and adjust it to a suitable height through the lifting device?. (Figure 6)
- 7: Hang the assembled light on the 1/8" lifting pulley sling hook. (Figure 7)
- 8: Power can be turned on after the installation is complete, then using the manual dimming knob to adjust to the required power. (Figure 8)
- 9: If the lamps need to be in parallel, please complete the above steps, then plug the AC input cord into the AC parallel socket. (Figure 9)
- 10: If the parallel lights need dimming function, pls connect the network cable in the accessory to the RJ45 network cable connector of the driver box. (Figure 10)

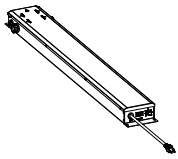


Figure 1

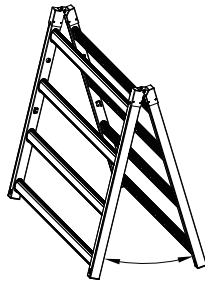


Figure 2

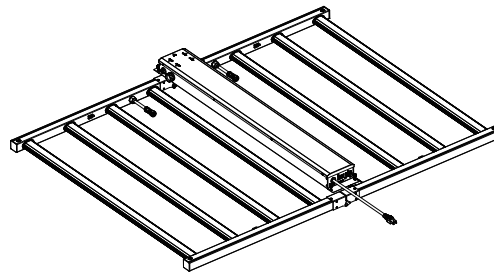


Figure 3

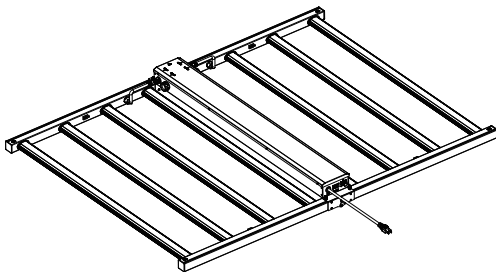


Figure 4

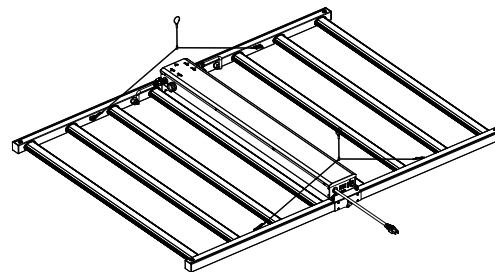


Figure 5

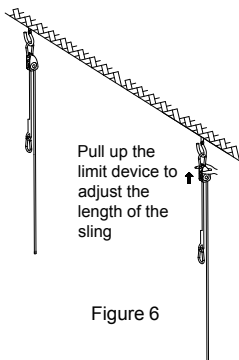


Figure 6

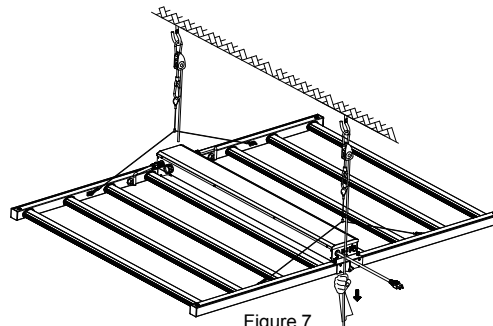


Figure 7



INSTRUCTIONS

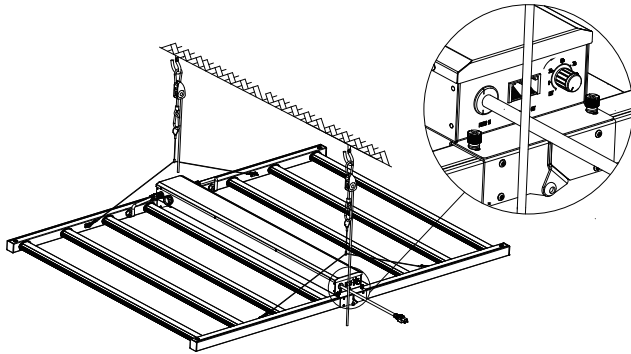
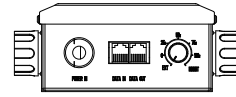


Figure 8



Driver box dimming side

The power list of each gear under the steady state of 120V

Gear Power	EXT	EXT	0	25%	50%	75%	100%	BOOST
480W	0-10V signal	500W	Manual dimming	120W	240W	360W	480W	500W
660W	0-10V signal	700W	Manual dimming	165W	330W	495W	660W	700W
960W	0-10V signal	1000W	Manual dimming	240W	480W	720W	960W	1000W

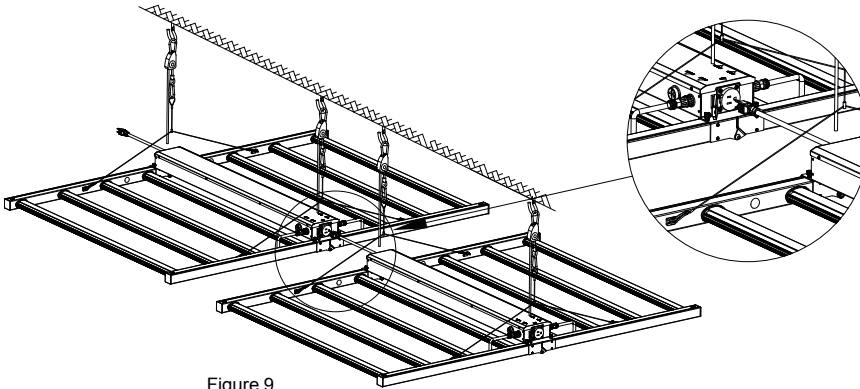


Figure 9

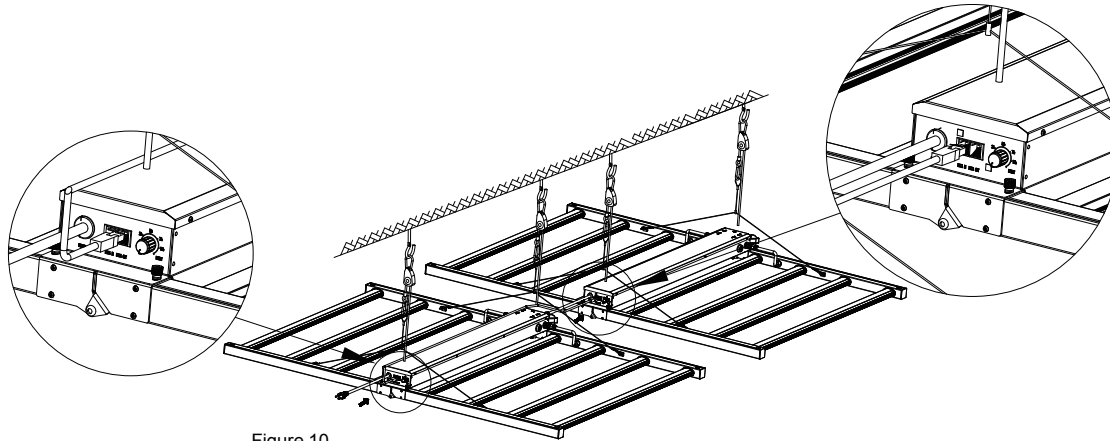


Figure 10

- Notice:1、 When connecting the DC output cable waterproof connector, please pay attention to the corresponding position of the connector.
- 2、 When the expansion plan is not used, the reserved connector needs to be covered with a waterproof plug to prevent electric shock.
 - 3、 When using dimming in parallel, one end of the internet cable need to connect to output port of first fixture, and the other end needs to connect to the input port of second fixture. So do the rest fixtures.