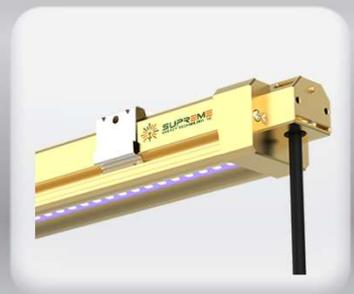




# UV-R

Specification sheet

# LED GROWTH LIGHT



## PRODUCT DESCRIPTION

SUPREME develop GL fixtures to maintain high standards in quality, efficiency and return on investment. The LED market is becoming more mature. eagle grow light adopts a foldable structure design, which can effectively protect the lamp beads and is easy to install.

## FEATURES:

- Over 3.4 umol per joule efficiency
- Delivers 15% more light to the plant canopy while using 35% less power than a 1000W DE fixture
- Tailored spectrum produces desirable crop traits 11 year diode life operating 12 hours per day
- 5 year warranty
- Highly reflective panels redirect photons back to canopy to increase PPF by 2% versus bar style fixtures
- Strategic diode placement increases uniformity of light delivery to canopy
- SUPREME Light Output Control to precisely control PPF output when paired with controller
- Low profile maximizes vertical growing space with remote capable drive
- 100-480V Driver options
- Damp location rated protection against water and dust
- Zero maintenance

## APPLICATIONS:

- Vegetable and fruit planting
- Flower cultivation
- City farming



## ORDERING:

Manufacturer	Family	Series	Watts	Length	SPECTRUM	Input Voltage
SETI	GL	V/P	01~99	06/09/10/12/15	SPV1\2\3\4	H/V
	=Grow light		*	06 = 2 ft 09 = 3 ft 12 = 4 ft 15 = 5 ft		H=100-277V V=347-480V
*	01=1W /03=3W/ 05=5W / 08=8W					
*	10=10W / 12=12W / 30=30W / 50=50W					

\*Please contact your Supreme representative to order products that don't have order codes listed here or any info required  
 \*Due to continuing product improvements, Supreme reserves the right to change the specifications without notice.



## Standard

### Technical specifications (Ta=25 °C)

Model	SETI-GLV-30L12	SETI-GLV-50L12
Spectrum	SPV1/SPV2/SPV3/UV	SPV1/SPV2/SPV3/UV
Input Power	28W	50W
Weight	1.8 Lbs	2.0 Lbs
AC Input Voltage	120-277V/277-480V AC Auto Recognition, 50/60Hz	
Thermal Management	Passive	
Dimming	0~10V / Source	
Driver	BECKY	
Power Factor	≥0.99	
THD	≤10%	
Beam angle	120°	
Max. Ambient Temperature	95° F / 35° C	
IP Rating	IP65	
Mounting Height	8"– 18"(20cm~60cm) Above Canopy	
Average Lifespan Ta25°C	Q90: >50,000 hours	
Warranty	5 years	
Standard	UL8800、UL1598、DLC、CE	

- \*Note: 1) The PPE parameters of different spectra are different.  
 2) PPF tolerance ±5%.  
 3) The above data are tested by Fulton instruments.

### Optimal combination of optical output

Spectrum	Deep Red	Deep Red / Blue / Low Blue	Deep Red / White / Low Blue	Deep Red / White / Mid Blue	Deep Red / White
PPE (umol/J) .max	3.6	3.4	3.2	3.2	2.8
PPF (umol/s) .@28W	100	95	90	90	78

### NOMINAL ELECTRICAL AC INPUT\*

AC VOLTAGE	120V	208V	220V	230V	240V	250V	277V
AC Current	0.24A	0.14A	0.13A	0.12A	0.12A	0.11A	0.10A
AC Power	29.2W	28.9W	28.7W	28.6W	28.5W	28.4W	28.2W
Power Factor	0.999	0.993	0.991	0.990	0.987	0.985	0.977

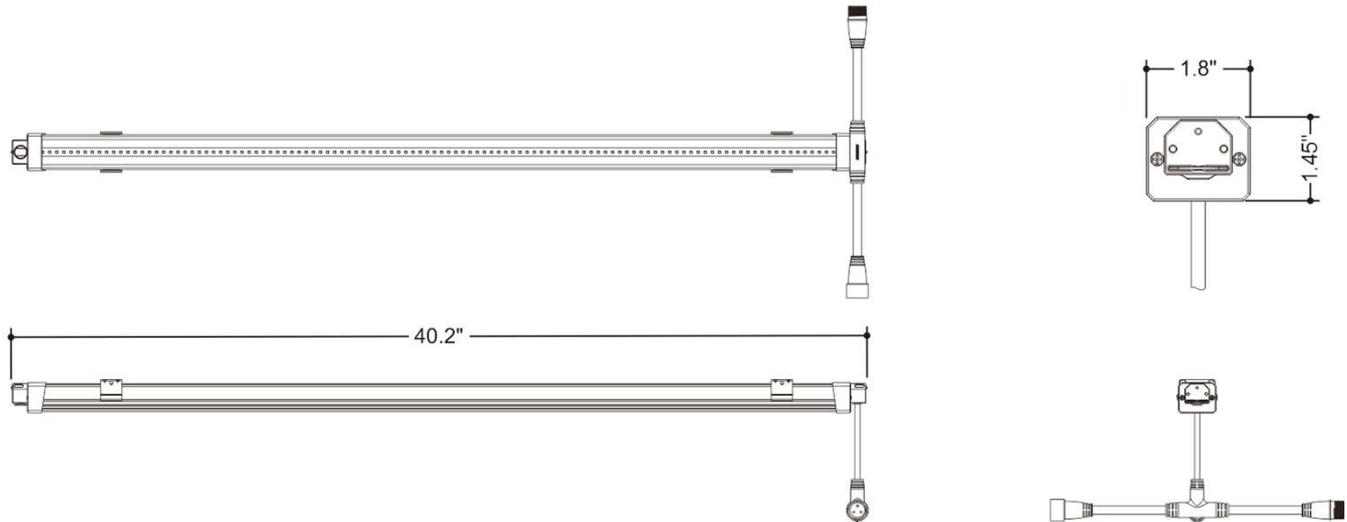
\*Note: At 77 ° F(25° C) ambient temperature

\*Please contact your Supreme representative to order products that don't have order codes listed here or any info required

\*Due to continuing product improvements, Supreme reserves the right to change the specifications without notice.

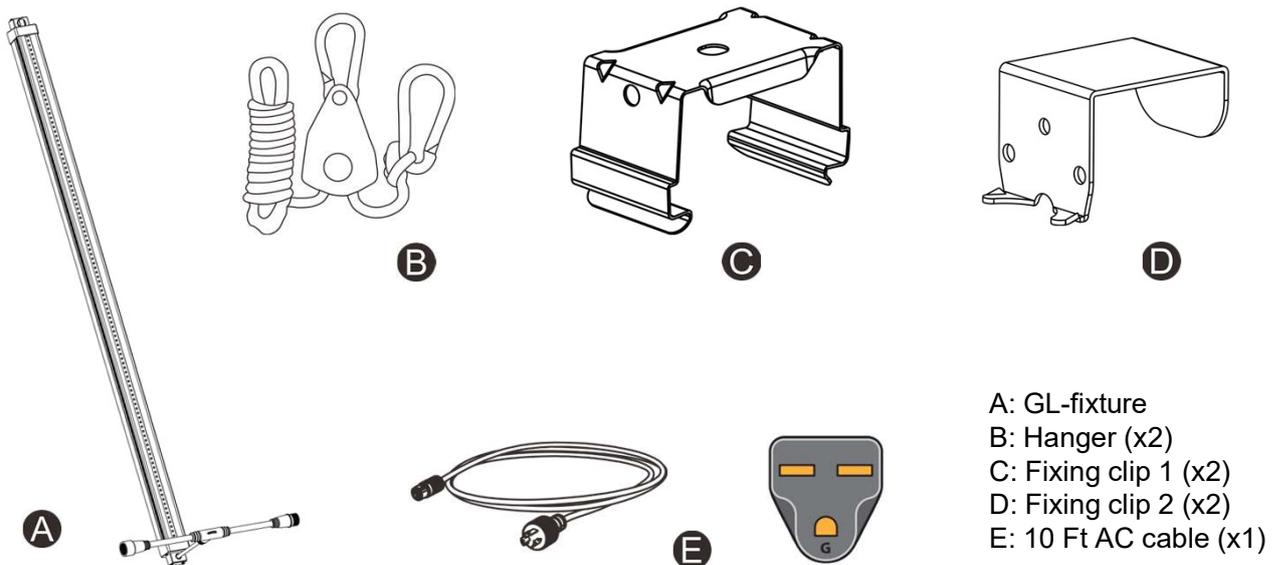
## PRODUCT DIMENSION

Folding type:



Item	Watts@Max	Dimension(L*W*H):Inch		
SETI-GL03E104V	30W	40	1.8	1.5
SETI-GL05E104V	50W	40	1.8	1.5

## PARTS LIST / Optional accessory



- A: GL-fixture
- B: Hanger (x2)
- C: Fixing clip 1 (x2)
- D: Fixing clip 2 (x2)
- E: 10 Ft AC cable (x1)

### CAUTION

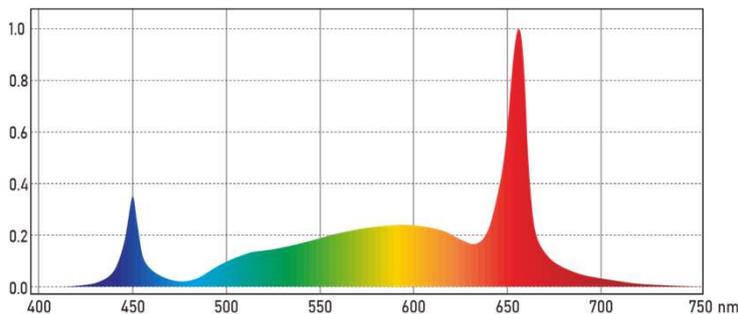
- Avoid looking directly at the light source when the lamp is on.
- Count the small parts and recycle or dispose of packaging materials properly.

## SPECTRA

Supreme GL series grow light is a full-cycle top-lighting solution for commercial horticulture cultivation, with the power to scale from vegetative growth to bloom. Angle is 120°; The spectrum can be customized according to customer requirements.

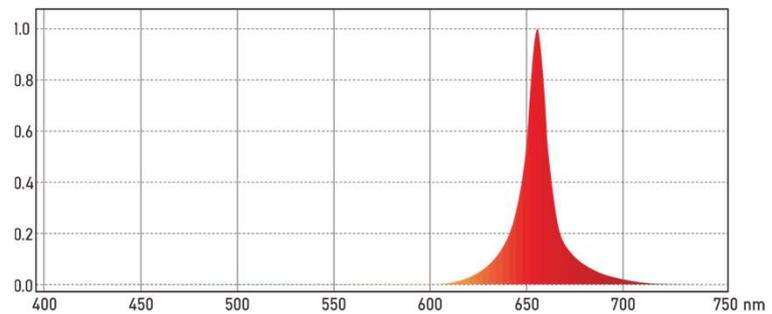
### SPV1 Spectrum / Application:

Common spectrum SP1, with UL photo biological safety certification.



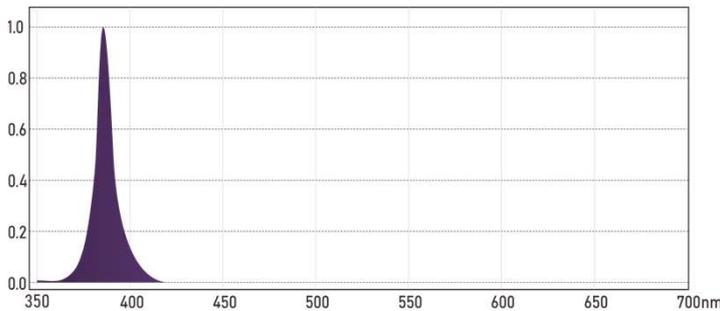
### SPV2 Spectrum / Application:

Common spectrum SP2, with UL photo biological safety certification.



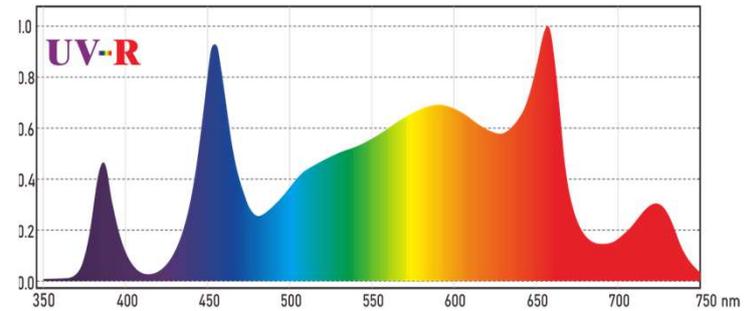
### SPV3 Spectrum / Application:

Common spectrum SP3, with UL photo biological safety certification.



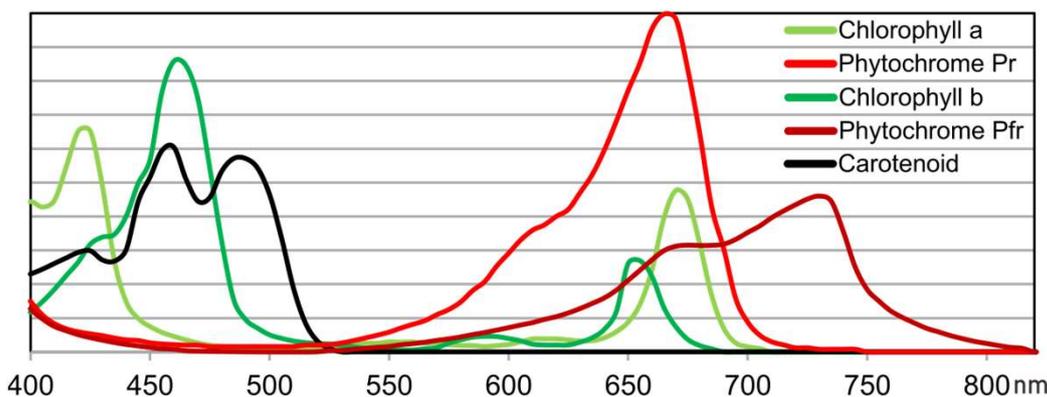
### SP4 Spectrum / Application:

Common spectrum SP4, with UV and IR light, with UL photo biological safety certification..



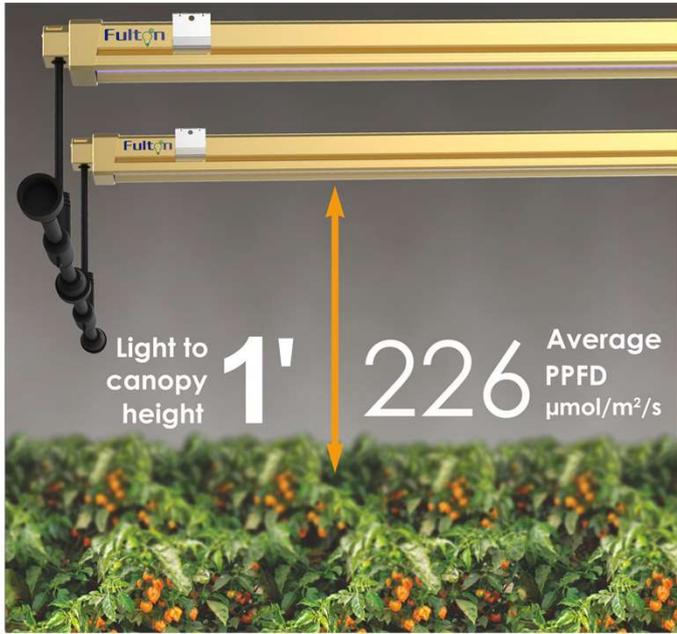
### SP5 Spectrum / Application:

Customer can defined special spectrum. Support customer ODM.



## PPFD Reading

Mount the light bars at least 1' from the top of your canopy for optimal light efficiency and uniformity. Always allow for adequate ventilation of fixture. The rope ratchet kit provided with luminaire.

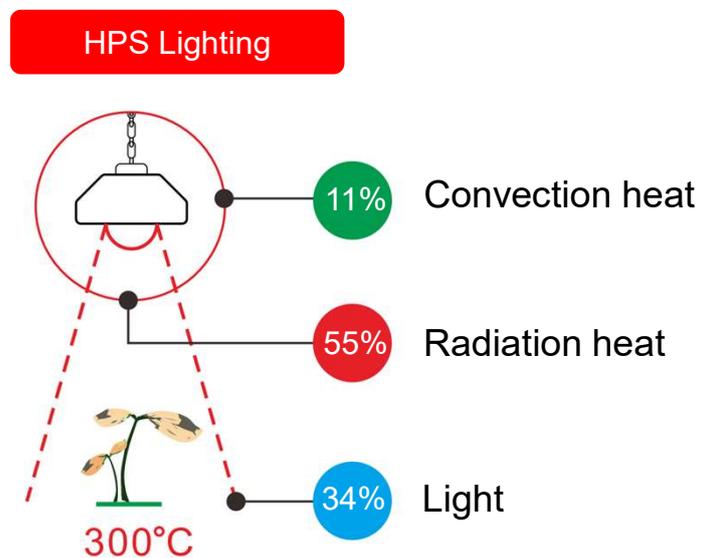
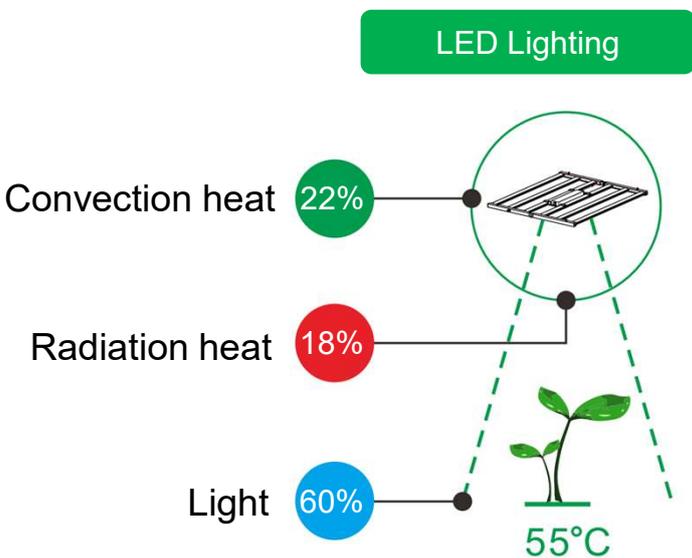


Two light bars in a 2 ' x 4 ' grow shelf

186	202	208	209	209	208	203	189	12"
231	254	259	260	<b>261</b>	260	255	234	4"
230	250	256	258	258	257	252	232	4"
185	202	207	208	208	207	203	188	12"
24"	17"	10"	3"	3"	10"	17"	24"	

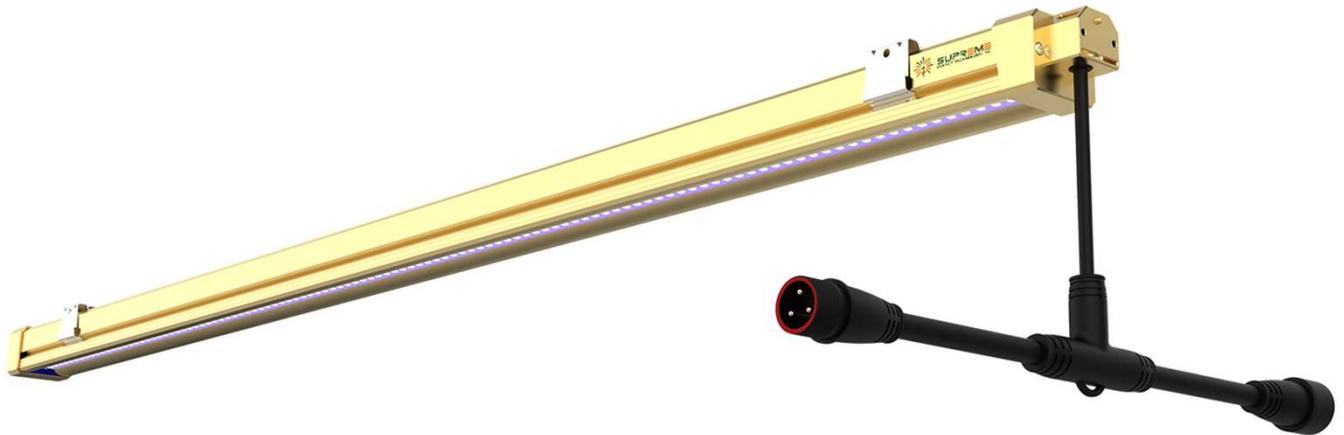
## Energy Balance

Energy saving 35%, but more light output, more than 15%



## Dimming Solutions

Ability to ease plant transition from veg to flower stages. The system dimming can be used to lower the light output or turn the system off.



Networked control: When the knob is in the EXT state, it can be networked to control the joint dimming of lamps and lanterns. the maximum number of network debugging lamps is 30.



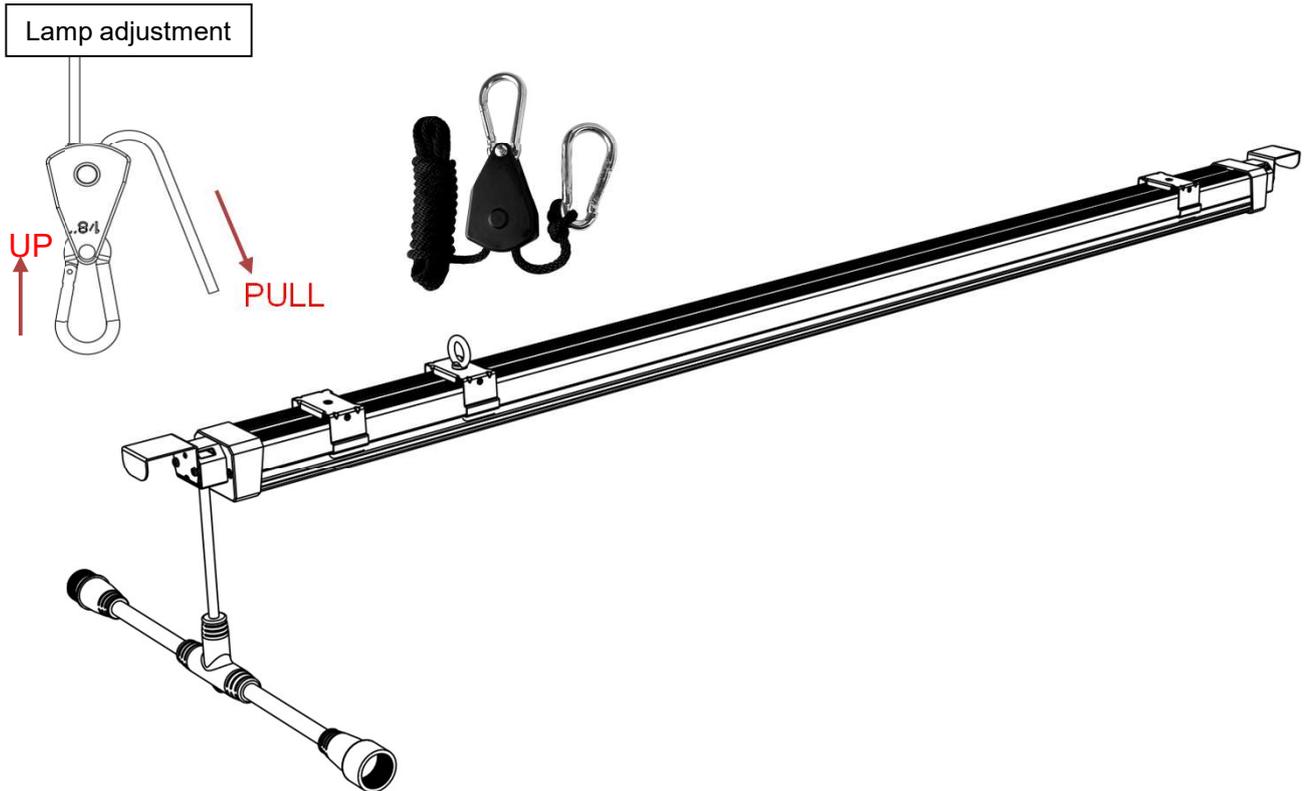
## Wiring diagram

### Cautions:

Before installation, be sure to cut off electricity to avoid electric shock. This is one end wiring LED grow light light with build-in driver. Powered by the voltage labeled on the LED grow light , no need to add other drivers.

### Operation Notes:

When used with a generator, a line adjustment device that controls the input voltage must be used to avoid damage to the fixture. This product is not suitable for residential power supply. Failure to observe these warnings will void the warranty. Please contact us for more information. Clean with a damp microfiber cloth.



	<p><b>WARNING – POSSIBLE RISK OF INJURY TO EYES AND SKIN</b></p> <p>Hazardous optical UV, HEV, and IR radiation may be emitted from the light source. Always wear personal protective equipment ensuring complete shielding of skin and eyes. Avoid prolonged exposure and looking directly at light source.</p>	<p><b>Cable Harnesses Type</b></p>	<p>110~120V</p>	<p>208~240V</p>	<p>277V</p>
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# LED GROW LIGHT

## Package Information

Part No.	Specification (Foot)	Q'ty (PCS)	G.W (Lbs)	Carton size (L*W*H mm)	20GP	40HC
SETI-GL03	1 x 4	2	1.9	1021*36*45		
SETI-GL05	1 x 4	2	2.0	1021*36*45		

