LED TRI-PROOF LIGHT

O Series Specification sheet
For Horticulture Applications

Emergency | 1-10V Dimmable | DALI | Sensor

ETL LISTED | DLC QPL LISTED | FC | IP66 | IK08 | ISO 9001:2015 CERTIFIED COMPANY

Quality | BEST PRICE! | BEST SERVICE AWARDS
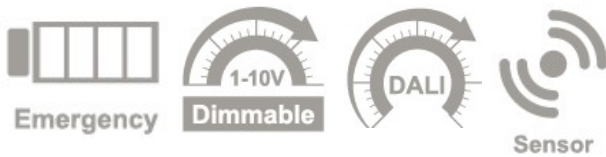
PRODUCT DESCRIPTION

Supreme Tri-proof light is usually used in environment which require water proof ,dust-proof ,corrosion-proof lighting ,such as shopping mall , warehouse and other indoor places . The lamp features with smooth surface , no dust deposition ,can be ceiling mounted or suspending mounted.

FEATURES:

• Water-proof design without adhesive, so there is no water leakage caused by adhesive aging , Convenient to disassemble;
• Light panel and PSU adopt modular design, connected via terminals, easy and convenient to Maintain, no need of soldering;
• Energy saving and eco-friendly, no IR or UV, no mercury contamination , RoHS compliant;
• High transmittance PC cover transmit soft light + small power LEDs, high light efficiency, uniform Light; No dark spot;
• High efficient heat dissipation, LEDs and power supply with low temperature rise, high stability under Continuous working;
• Can be switched on/off frequently, good color rendering performance. Compact appearance, novel design style, easy to install and transport;

APPLICATIONS:

• Vegetable and fruit planting
• Flower cultivation
• City farming

IP66 IK08

5 YEARS | 40.000h | 120° | PF 0,92

Instant ON | Wide Beam | | Dimmable
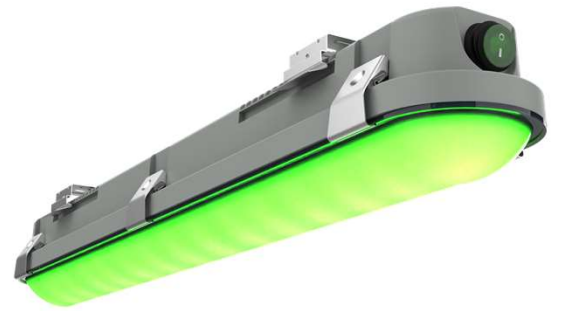
ORDERING:

Manufacturer	Family	Series	Watts	Lenght	SPECTRUM	Input Voltage
FLT	**GL**	**V/P/O**	**01~99**	**06/09/10/12/15**	**SPV1\2\3\4**	**H/V**
=Fulton	=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 FULTON representative to order products that don't have order codes listed here or any info required
*Due to continuing product improvements, FULTON reserves the right to change the specifications without notice.

SUPREME ENERGY TECHNOLOGY INC

Standard

Technical specifications(Ta=25℃)

5 YEAR WARRANTY

Model	SETI-GLO-20L06	SETI-GLO-40L12	SETI-GLO-60L15
Spectrum	SPV1/SPV2/SPO	SPV1/SPV2/SPO	SPV1/SPV2/SPO
Input Power	20W	40W	60W
Weight	2.1 Lbs	3.2 Lbs	3.9 Lbs
AC Input Voltage	120-277V/277-480V AC Auto Recognition, 50/60Hz		
Thermal Management	Passive		
Cover	Diffusion/frost		
Dimming	0~10V		
Driver	FULTON Driver		
Power Factor	≥0.92		
Emergency time and Power	2hours / 8w		
THD	≤10%		
Beam angle	120°		
Max. Ambient Temperature	95°F / 35°C		
IP Rating	IP66		
Mounting Height	8"– 18"(20cm~60cm) Above Canopy		
Average Lifespan Ta25℃	Q90：>50,000 hours		
Warranty	5 years		
Standard	ETL、DLC、CE、RoHS、D-MARK、SAA 、IK08		

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

NOMINAL ELECTRICAL AC INPUT*

AC VOLTAGE	120V	208V	220V	230V	240V	250V	277V
AC Current	0.16A	0.09A	0.09A	0.08A	0.08A	0.07A	0.06A
AC Power	19.2W	18.9W	18.7W	18.6W	18.5W	18.4W	18.2W
Power Factor	0.939	0.933	0.931	0.930	0.927	0.925	0.927

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

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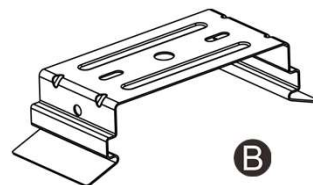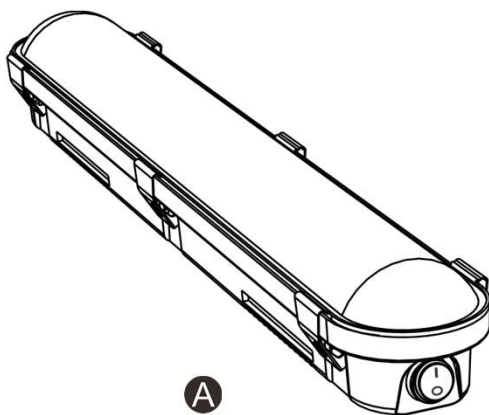
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PRODUCT DIMENSION

Folding type：
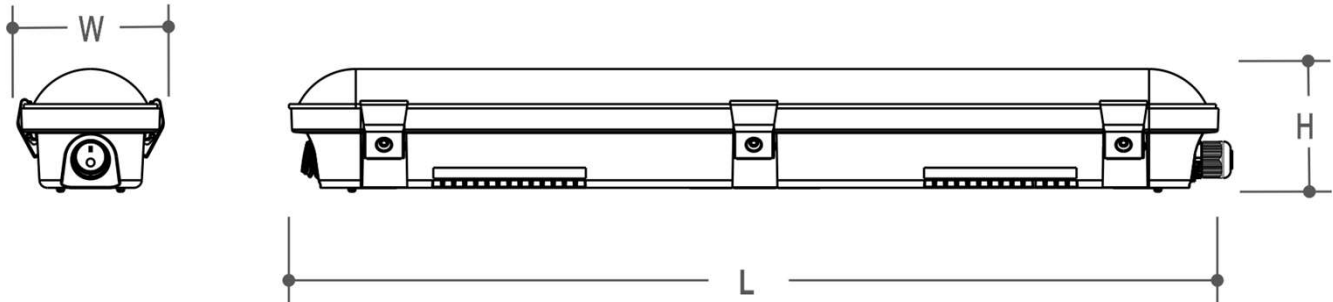
Item	Watts@Max	Dimension(L*H*W):Inch		
SETI-GLO-20L06	20W	23.6	3.0	3.7
SETI-GLO-40L12	40W	47.2	3.0	3.7
SETI-GLO-60L15	60W	59.0	3.0	3.7

PARTS LIST / Optional accessory

A: GL-fixture
B: Fixing clip (x2)

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.

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SPECTRA

Fulton 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.
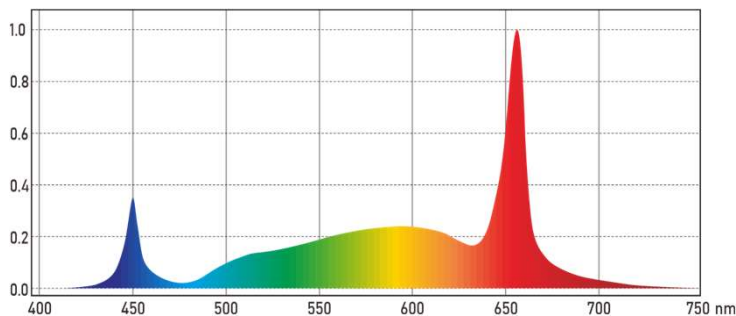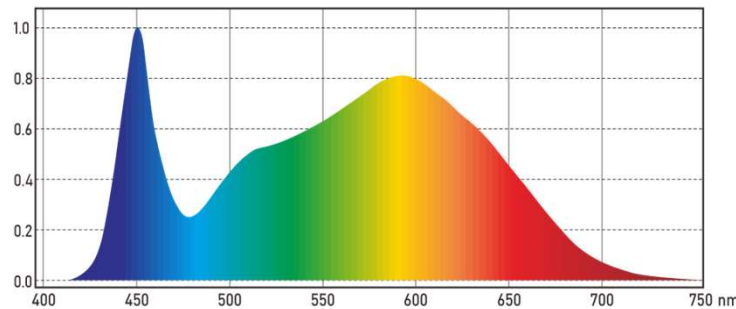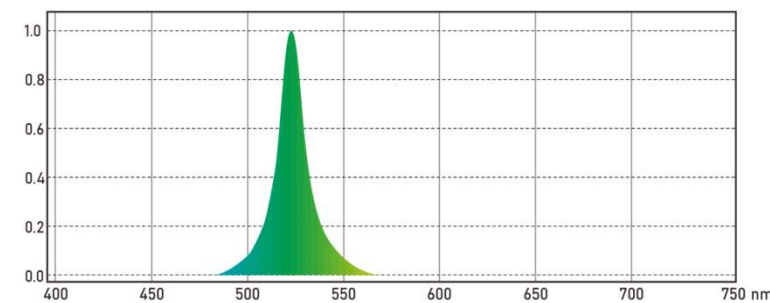

SPV2 Spectrum / Application：

Common spectrum SP2, with UL photo biological safety certification.
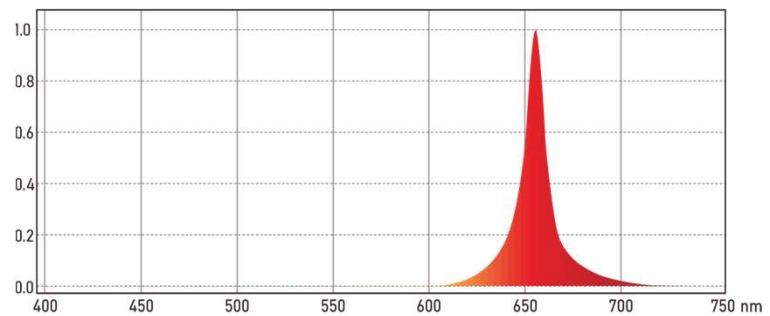
SPV5 Spectrum / Application：

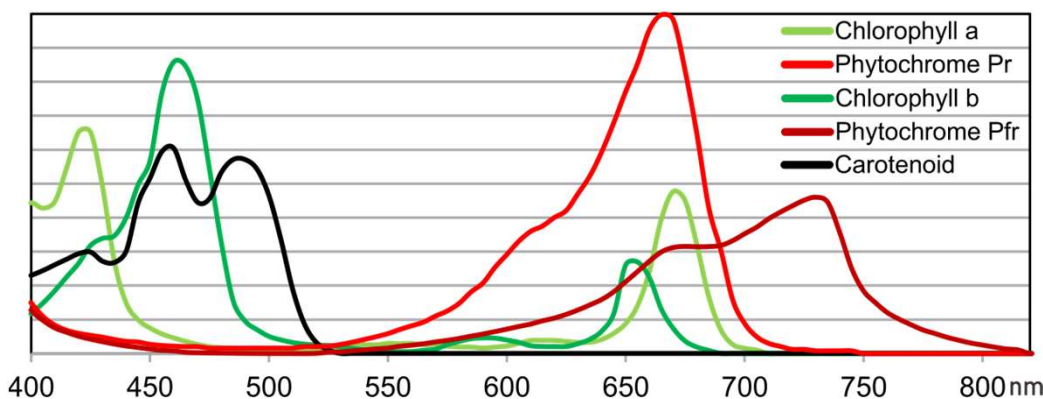Common spectrum SP3, with UL photo biological safety certification.

SPO Spectrum / Application：

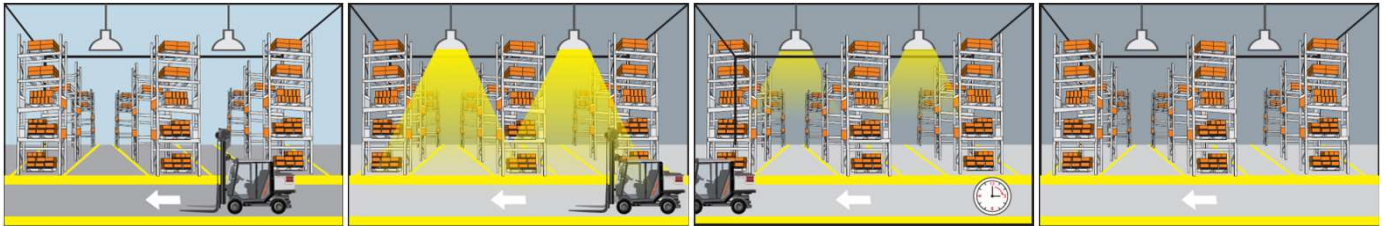Common spectrum SPO, with and IR light, with UL photo biological safety certification..

SP5 Spectrum / Application：

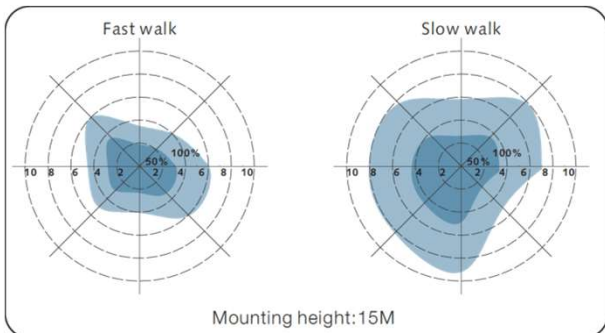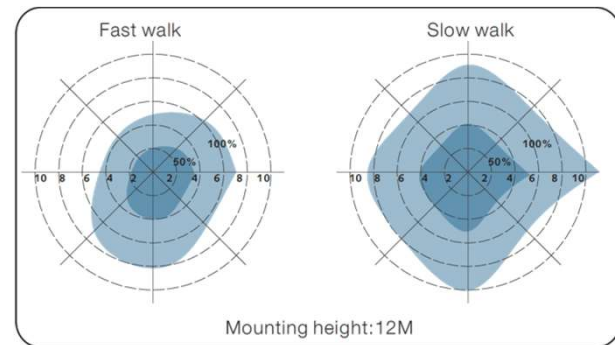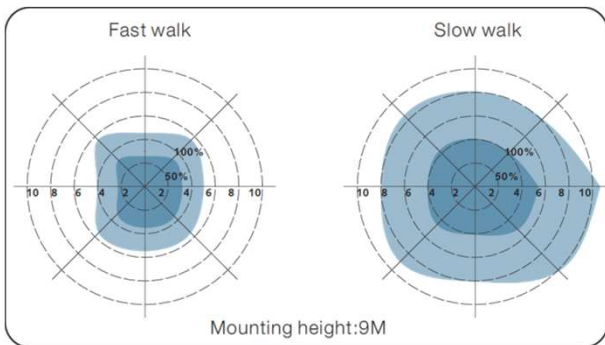Customer can defined special spectrum. Support customer ODM.
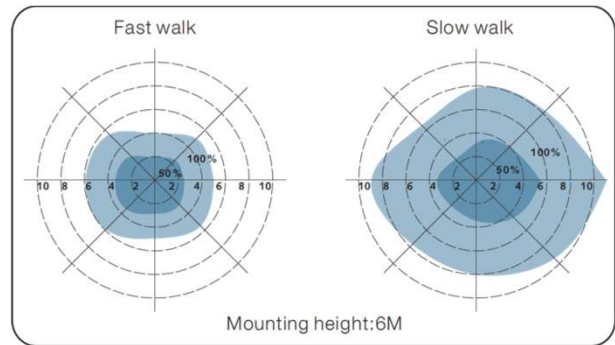

Chlorophyll a
Phytochrome Pr
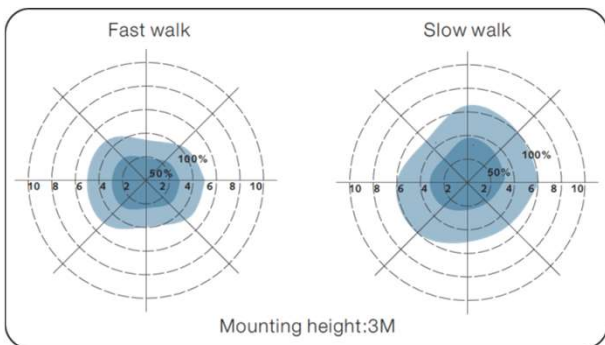Chlorophyll b
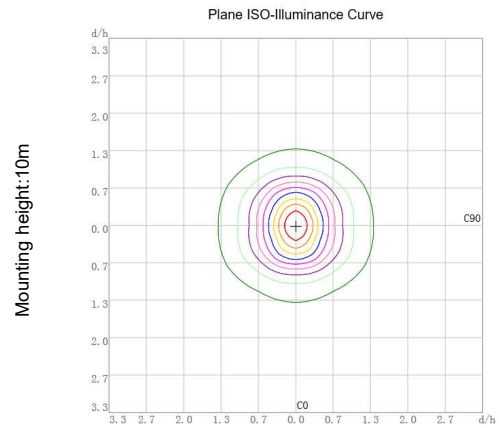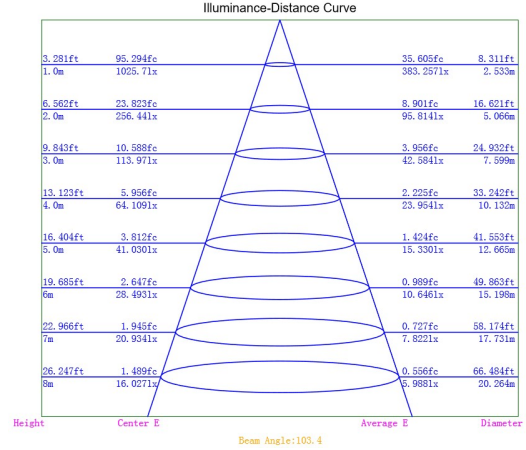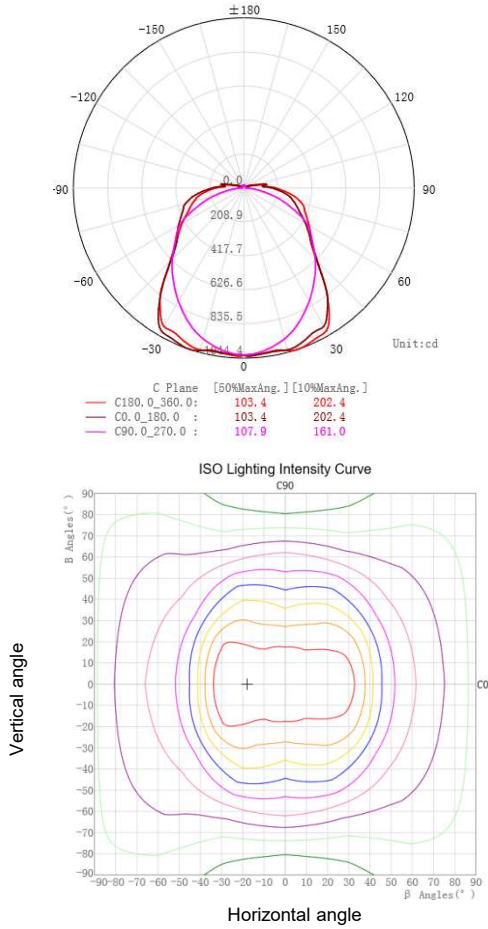Phytochrome Pfr
Carotenoid

Motion detection function

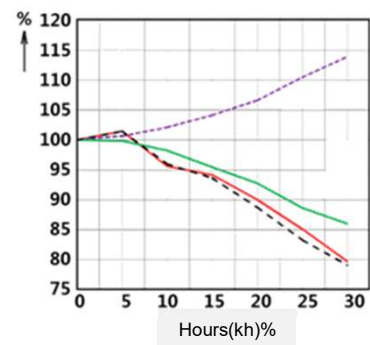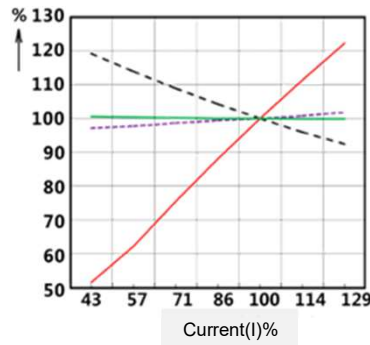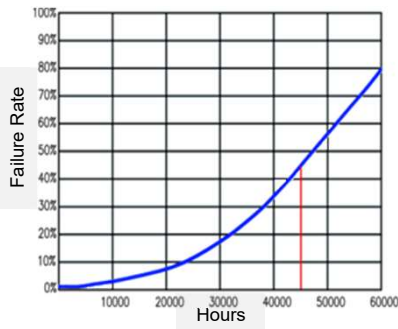We preset the product in customize, 100%---> low light or off. Easy to install and cost-effective.

Detection Pattern

Mounting height:3M

Mounting height:6M

Mounting height:9M

Mounting height:12M

Mounting height:15M

Photometric Diagram

C Plane [50%MaxAng.] [10%MaxAng.]
C180.0_360.0: 103.4   202.4
C0.0_180.0 : 103.4   202.4
C90.0_270.0 : 107.9   161.0

Unit:cd

Illuminance-Distance Curve

Height	Center E	Average E	Diameter
3.281ft 1.0m	95.294fc 1025.71x	35.605fc 383.2571x	8.311ft 2.533m
6.562ft 2.0m	23.823fc 256.441x	8.901fc 95.8141x	16.621ft 5.066m
9.843ft 3.0m	10.588fc 113.971x	3.956fc 42.5841x	24.932ft 7.599m
13.123ft 4.0m	5.956fc 64.1091x	2.225fc 23.9541x	33.242ft 10.132m
16.404ft 5.0m	3.812fc 41.0301x	1.424fc 15.3301x	41.553ft 12.665m
19.685ft 6m	2.647fc 28.4931x	0.989fc 10.6461x	49.863ft 15.198m
22.966ft 7m	1.945fc 20.9341x	0.727fc 7.8221x	58.174ft 17.731m
26.247ft 8m	1.489fc 16.0271x	0.556fc 5.9881x	66.484ft 20.264m

Beam Angle:103.4

ISO Lighting Intensity Curve
C90
Vertical angle
Horizontal angle
β Angles(°)

Plane ISO-Illuminance Curve
Mounting height:10m

Lifetime +Sustainability

Failure Rate — Hours

Current(I)%

Hours(kh)%

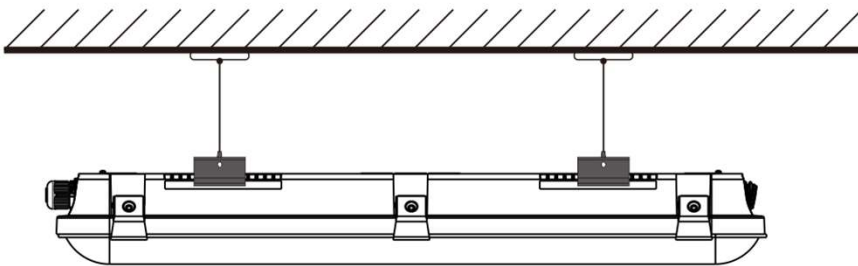— Luminous Efficacy   - - Rated Luminous Flux   - - - CCT   — CRI
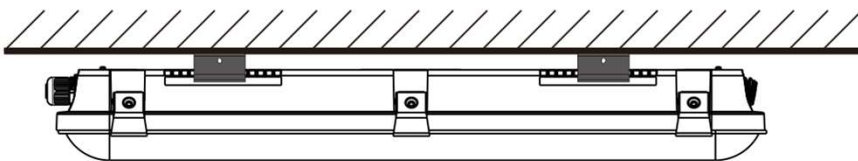
Wiring diagram

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.
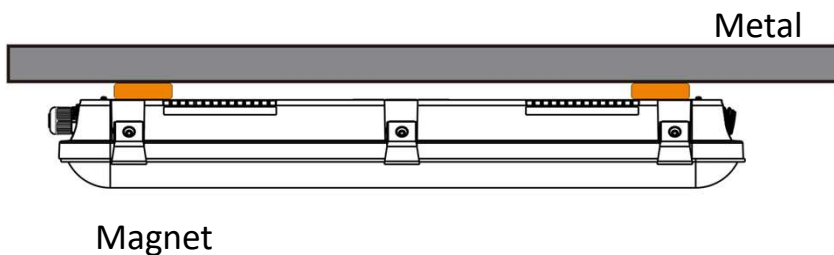
Operation Notes：

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.

A hanging

B Ceiling type

Metal

C Temporary type

Magnet

⚠ **WARNING – POSSIBLE RISK OF INJURY TO EYES AND SKIN**

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.

Cable Harnesses Type	110~120V	208~240V	277V

LED GROW LIGHT

Package Information

Part No.	Specification (Foot)	Q'ty (PCS)	G.W (Lbs)	Carton size (L*W*H mm)	20GP	40HC
SETI-GLO-20L06	2	20	48	640*420*160		
SETI-GLO-40L12	4	10	41	1240*420*160		
SETI-GLO-60L15	5	10	50	1540*420*160		