

NEW

USER MANUAL

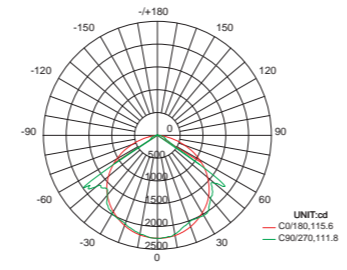


UVIR Module Grow Light

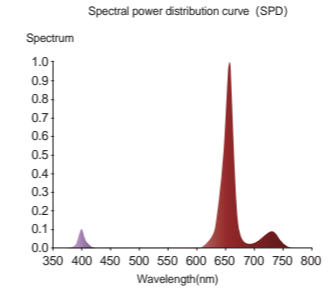
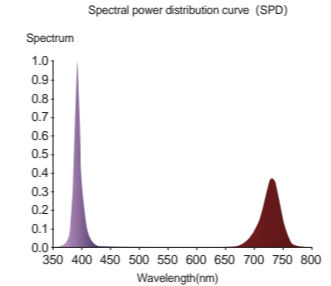
FCL Series
经典版植物灯

www.tu-bu.com

GLM UVIR MODULE



AVERAGE BEAM ANGLE(50%):113.7 DEG



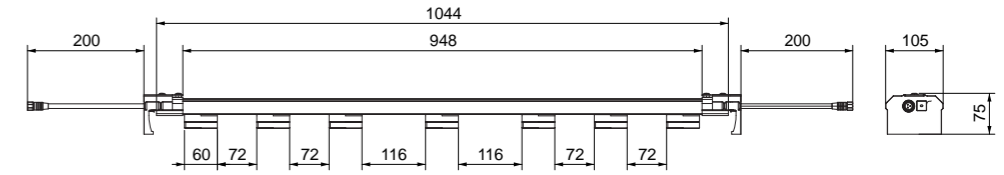
1. Technical Specifications

| PRODUCT CODE | TB-GLM-UVIR50W | TB-GLM-UVIR50W |
|--------------------------|---------------------------------------|---------------------------------------|
| Wattage | 50W | 50W |
| Dimension | 1064*95*78mm | 1064*95*78mm |
| Weight | 1.25kg | 1.25kg |
| PPF | 24.45umol/S | 130 umol/S |
| PPE | 0.489 umol/J | 2.6 umol/J |
| Input Voltage/frequency | 100-277V/AC | 100-277V/AC |
| Spectrum | FST 330 ~ 880nm | FST 330 ~ 880nm |
| Heat Dissipation Method | Integrated Heat Dissipation Structure | Integrated Heat Dissipation Structure |
| Structure Material | Aluminium Alloy | Aluminium Alloy |
| Operating Temperature | -20~45°C,20~95%RHNo condensation | -20~45°C,20~95%RHNo condensation |
| Beam Angle | 110°x115° Rectangular Beam | 110°x115° Rectangular Beam |
| Quantity In Series (Max) | 10PCS | 10PCS |
| Ip Grade | IP65 | IP65 |
| Warranty | 3 years | 3 years |
| Packing Size (mm) | 1178X272X112mm | |
| Packing Quantity | 2PCS | |

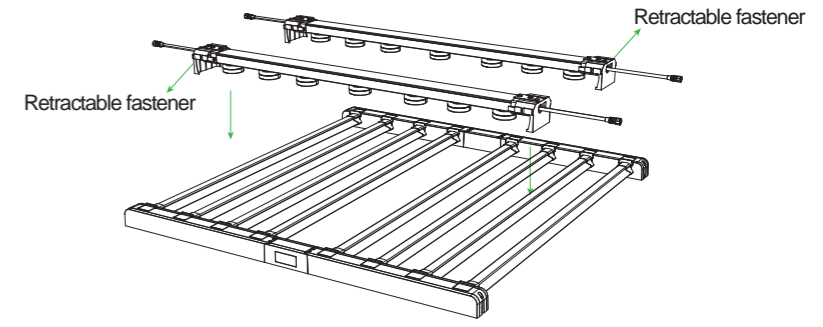
2. Assembly Instructions

- Open the package, take out the product,fix the led strip on the frames of grow light bar extension-type neck ends of the product.
- onnect the power-line(optional configuration) to the lamp and tighten it;
- Insert the plug into the socket.

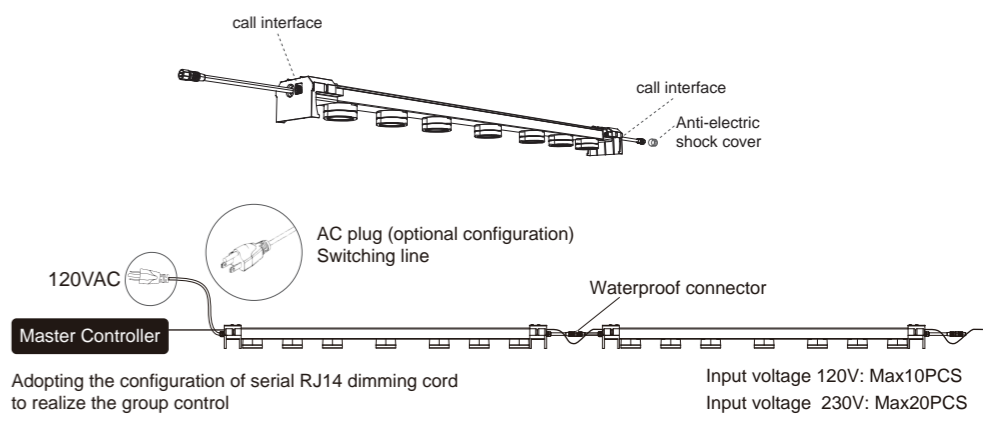
2.1 UVIR Plant Growth Lamp SIZE



2.3 Installation sketch map



2.3 Wiring Diagram



2.4 Application

UVIR module product can be used in isolation, but we suggest that you can use it with our grow lights bar together. UVIR can effectively kill the bacteria that is harmful to plants, the same time prevent the planting beads excessive growth, and improve the fruit rate and yield of planting beads



3. Important Safety Precautions

Please read the manual thoroughly before attempting to install or operate LED Grow Light and keep it for future reference.

Connect the light only to the power sources of the appropriate voltage using the plug received. Protect power cables from being pinched or damaged, especially where the power cable enters the power outlet and the unit.

If the provided plug does not fit your socket, please contact us for help by email immediately. Please do not replace the power cord or plug by yourself, otherwise we are not responsible for man-made damages. The system should only be cleaned as directed in the manual. You should seek service by qualified service personnel if any of the following occur:

- 1.The power-supply cord or the plug has been damaged;
- 2.The unit has been exposed to rain;
- 3.The unit exhibits a marked change in performance;
- 4.The unit has been dropped, or its enclosure or chassis is damaged.

4. General Care

-This LED Grow light is passively cooled with zero moving components. It is designed for harsh environments and years of maintenance-free performance. Some basic care will keep your lights working at peak performance cycle-after-cycle.

-Natural convection removes heat away from the heat sink. In order to properly cool itself, at least one inch of space is required between the fixture and the roof of your grow area. Failure to do so may shorten the fixture's lifespan.

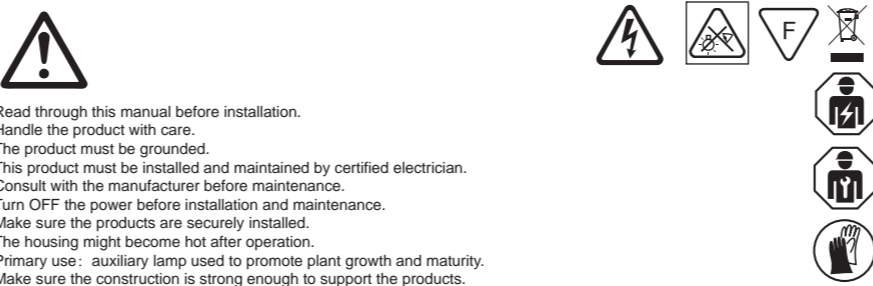
-To achieve the optimal lifespan and performance of your fixtures, routinely check for and remove excess dust, debris, and mineral build up from heat sink and LED array. Cleaning should always be done with the fixture or using low-pressure compressed air with unplugged from its power source.

5. Caution

-In summer or other hot environment, please use a cooling fan to keep a suitable temperature for your plants.

6. Warning

- Do NOT touch while in operation.
- To prevent eye damage, avoid looking directly at the LEDs.
- To reduce the risk of overheating or fire, always allow for adequate ventilation of fixtures and power supplies.



- Read through this manual before installation.
- Handle the product with care.
- The product must be grounded.
- This product must be installed and maintained by certified electrician.
- Consult with the manufacturer before maintenance.
- Turn OFF the power before installation and maintenance.
- Make sure the products are securely installed.
- The housing might become hot after operation.
- Primary use: auxiliary lamp used to promote plant growth and maturity.
- Make sure the construction is strong enough to support the products.
- The external flexible cable or cord of this luminaire cannot be replaced; if the cord is damaged, the luminaire shall be destroyed.