

OPTIPAR

COMPACT

# OPTIPAR COMPACT SERIES LED FIXTURES

## INSTALLATION GUIDE

### Models:

**CLC-6K/18, CLC-6K/50,  
CLV-5K/18, CLV-5K/50,  
CLF-5KFR/18, CLF-5KFR/50**

-0° C < Ta < +50° C,  
100V-277V ~ 50/50HZ Class II, IP65,  
LifePO4: Warranty: 5 Years on product.

## BEFORE YOU BEGIN

Read these instructions completely and carefully. Save these instructions.  
Use in the manner intended by the manufacturer.

If you have any questions, please contact the manufacturer.

### WARNING



#### RISK OF ELECTRIC SHOCK

- Turn power off before inspection, installation or removal.
- Properly ground electric enclosure. Risk of fire.
- Follow all local codes.
- Use only locally approved wire for input / output connections.

### Prepare Electric Wiring



#### Electrical Requirements

The LED luminaire must be connected to the mains supply according to its ratings on the product label.



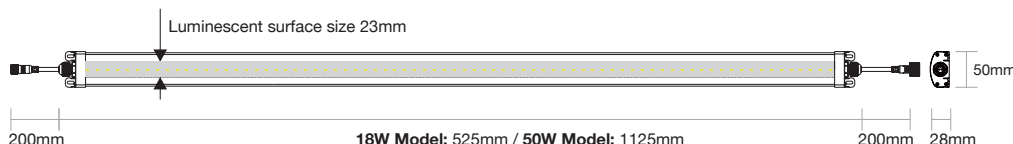
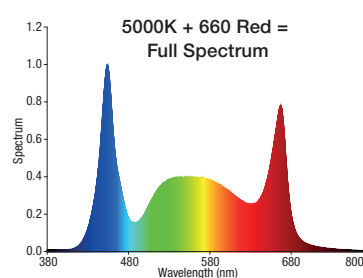
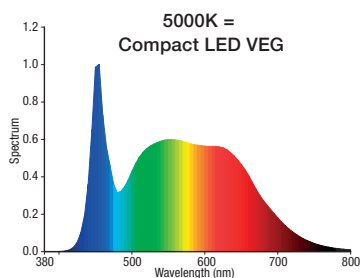
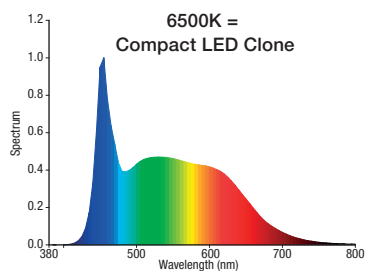
#### Grounding Instructions

The grounding and bounding of the overall system shall be done in accordance to local electric code of the country where the luminaire is installed.

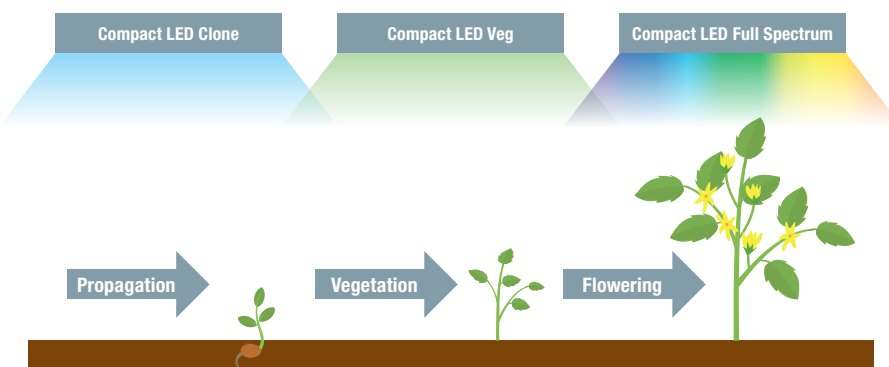
## 1. Technical Specifications

Efficiency	2.7 μmol/J
IP Rating	IP-65
Certifications	EU / UK

Weight	0.3kg (525mmx50x28mm)		
	0.7kg (1125mmx50x28mm)		
Country of origin	PRC	Warranty	5 year

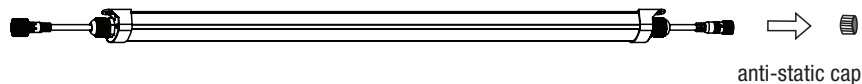


## 2. Usage Scenario



## 3. Assembly Instructions

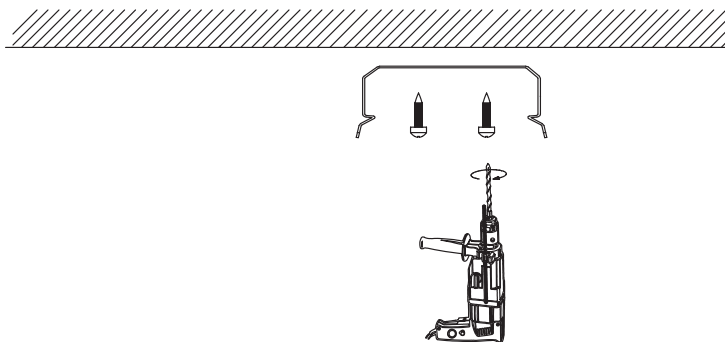
**3.1** Take out the lamp from the package and unscrew the anti-static cap at the end of the lamp.



**3.2** Select the appropriate distance, install and fix the lamps with screws.



**3.3** Fixed lamp with brackets as need.



**3.4** Connect the male and female ends of the lamp in sequence.



## 4. Safety Instruction

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;

## 5. 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.

## 6. Caution

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

## 7. 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 supply



- 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.



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