

ALWAYS COMPLY WITH LOCAL INSTALLATION REGULATIONS AND CODES

The fixture is suitable for indoor environment. Do not install your LED in wet or outdoor environment. Do not operate the fixture close to combustible materials. The fixture will get hot during operation. Do not touch the fixture during or right after operation. Make sure the power cord does not touch any hot part of the fixture. Make sure the light bar is clean and inserted correctly. The normal operating environment temperature should be below 40°C (104°F). Exceeding the maximum environmental temperature will stress electronic components, which will lead to shorter lifetime and decreased reliability.

Our fixture comes with a heat sink and other cooling components, which enable it to dissipate heat effectively and allow maximum heat conductivity during the operation.

SCOPE OF USE AND MAINTENANCE

- Comply with local installation regulations.
- Store the fixture in a dry and clean environment, with an ambient temperature of -10°C ~ 50°C and ambient humidity of less than 90% RH. It is recommended that the fixture shall not stay unused for more than six months. If it has stayed unused for more than six months, please test to ensure fixture is functioning at 100%.
- Please keep products safe. Avoid mechanical pressure, excessive vibration and dropping the unit during the process of assembly to protect the light bar.
- Keep away from water, oil and organic solvent, or it will reduce the efficacy and have the potential risk of electric leakage.
- All equipment, devices and machines shall be effectively grounded.
- Regularly check and clean the dust from the protective cover.
- It is recommended that you contact a licensed electrician or an expert if any of the following happens:
 1. The cable or the plug has been damaged.
 2. The unit has been exposed to rain.
 3. Significant changes in the unit performance.
 4. Fixture or light bar dropped and corner of its enclosure got bent.
- There are no serviceable parts inside the LED. Opening the LED will void its warranty.

TROUBLE SHOOTING

Problem	Probable cause(s)	Possible fixes or corrective maintenance
One or more fixtures are completely off.	Disconnect from power source.	Make sure power is on and cables are plugged in.
LED will not come on.	The power supply settings do not match with local AC voltage and frequency.	Disconnect fixture from the power supply. Check settings and correct if necessary.

WARRANTY

Nanolux warrants manufacturing defects of this product if it is used under normal operating conditions for a period of five (5) years from the original date of purchase. If the product shows manufacturing defects within this period and that defect is not caused by user error or improper use, Nanolux shall, at its discretion, either replace or repair the product by using applicable new or refurbished parts. For any service, return the product to your shop along with the **original sales receipt**.



PATENTED PRODUCTS, COUNTERFEITING NOT ALLOWED.
Designed by NANOLUX in California
Made in China

OPERATING MANUAL

LED

Modular design

LED CLONE LIGHT 18W



PLEASE READ THESE INSTRUCTIONS FIRST BEFORE INSTALLATION

Welcome to purchase and use this new LED luminaire. We have done everything to ensure a product of long lifespan and safe operation, but the installation and use of the product is at the responsibility of the user. Incorrect use or installation can lead to failure and damage to the luminaire. Damage to the luminaire or electronic circuitry as a result of incorrect installation or use will revoke your warranty. Read this manual carefully before installing your luminaire.

TECHNICAL SPECIFICATIONS

Model	LED PGF18
Input Voltage	AC120V/208V/240V/277V
Input Power	18W Each Bar
PPF	39 μ mol/s
Spectrum	Full Spectrum 6500K
Dimension / Weight	48.4x1.3x1.3inch / 0.9lbs 1230x32x32mm / 0.4kgs
Dimming	No
Light Distribution	120°
Lifetime	\geq 50,000hrs

*Subject to change without notice, Tolerance \pm 10%.

ASSEMBLY INSTRUCTIONS

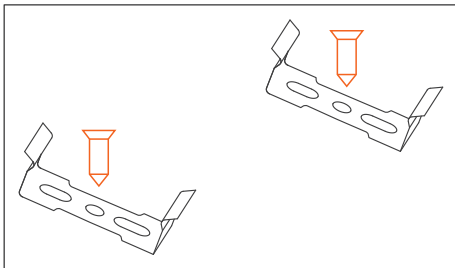
The number of light bars can be combined in series according to the actual environment needs. The maximum number of series combination is 25pcs. It is recommended that you keep a mounting height of 6"-12"(15.2cm-30.4cm) above canopy for optimal light efficiency and uniformity. Growers should regularly monitor the temperature at the canopy level to ensure the height of the fixture is appropriate, as canopy temperature and ambient room temperature can differ.

CAUTION :

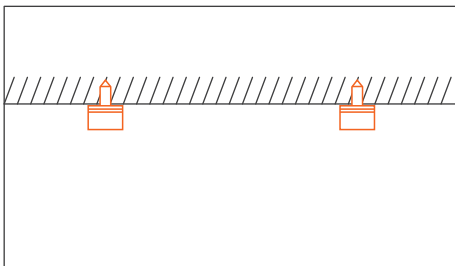
T8 integrated lamp can be installed on the special lamp clip. The light bar can be combined in series with the maximum power of 450W.

Fixture Hanging:

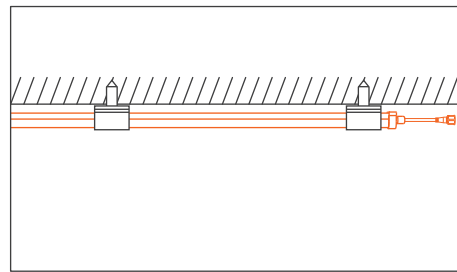
1. Fix the clip to the position to be installed (Fig.a).
2. Fix the clip with screws (Fig.b).
3. Buckle the light bar into the mounting clip, and each light bar is equipped with 2 clips (Fig.c).
4. Connect the reserved power line, and pay attention to keep the joint away from water (Fig.d).



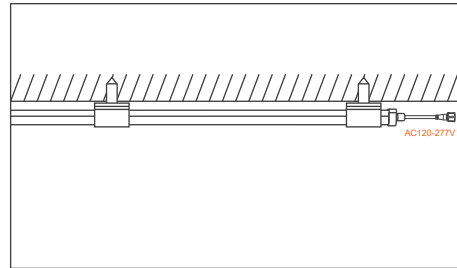
a



b



c



d

Series Combination Steps:

1. Fix the light bar to the position to be installed.
2. When the light bars are combined in series, the male and female connector shall be butted and then the nut shall be tightened.

NOTE:

One input cable supports 25 light bars at Maximum, the last end needs to cover for safe.



Max.
25
light
bars
in
series