

## ⚠ MAINTENANCE

There are no serviceable parts inside the luminaire. Opening the luminaire will void warranty. Keep housing clean from dust and dirt with a dry or damp cloth to ensure optimal cooling. When using a damp cloth disconnect from the power first. Check your electrical connections regularly.

## 🔧 WARRANTY

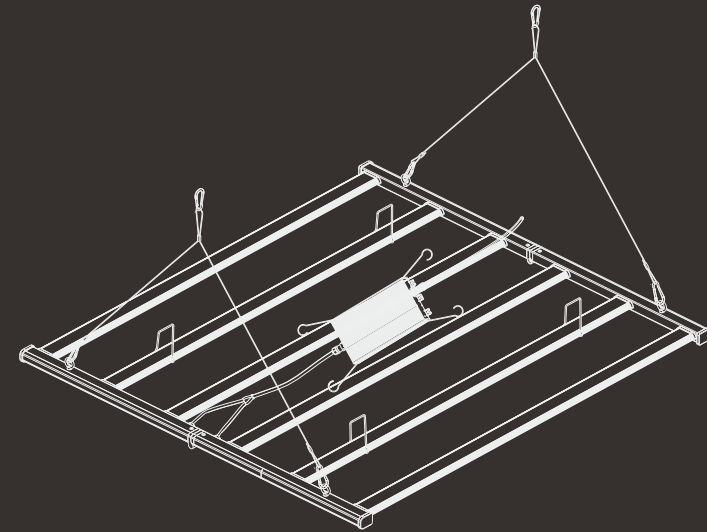
We warrant the mechanical and electronic components of this product to be free of defects in material and workmanship if used under normal operating conditions for a period of 3 years from the original date of purchase. If the product shows any defects within this period and that defect is not due to user error or improper use our shall, at its discretion, either replace or repair the product using suitable new or refurbished parts.



# PRODUCT MANUALS

## 630W LED

Adjustable Brightness





## PLEASE READ THESE INSTRUCTIONS FIRST BEFORE INSTALLATION

Thank you for purchasing the Pro 630W LED ML. This manual describes the mounting and installing of the product and also describes how to use the product. Mounting and installing of the LED fixture may only be executed by certified service personnel. Please read and understand this manual completely before using the product. Only use the product as specified in this manual.



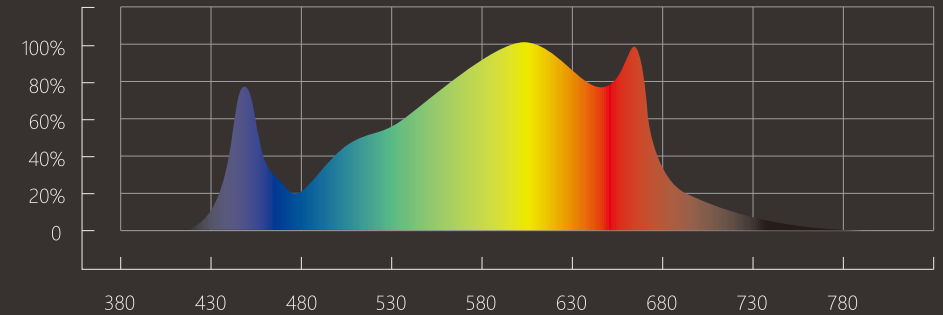
## TECHNICAL SPECIFICATIONS

Light Source	LED
Spectrum	Full spectrum
PPF	1700umol/s
Input Power	630W
Efficacy	2.7umol/J
Input Voltage	Autosensing 100-277V, 347V
Fixture Dimensions   Weight	127.34X110.76X6.7cm   12.55kg
Mounting Height	≥6" (15.2cm) Above Canopy
Thermal Management	Passive
Dimming	0-10V
Light Distribution	120°
Lifetime	L90:>54,000hrs
Power Factor	>90%
Certifications	Ip66, CE, Power supply UL
Warranty	3 Year Standard Warranty

## TECHNICAL SPECIFICATIONS

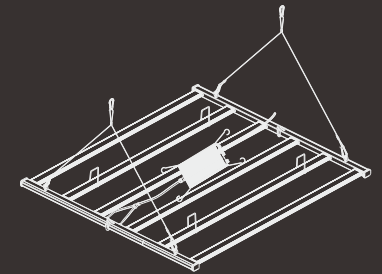
VOLTAGE	120V	208V	240V	277V	347V
AMPERAGE	5.25A	3.03A	2.63A	2.27A	1.87A

## SPECTRA



## PRODUCT DESCRIPTION

The Pro 630W LED ML is an electronic horticultural LED fixture. It drives six LED rails. The Pro 630W LED ML is intended to be used in greenhouses or in climate rooms. In this manual, the Pro 630W LED ML will be referred to as: "the LED fixture".



## INSTALLATION COMPLY WITH LOCAL INSTALLATION REGULATIONS

**Warning!** Mounting and installing of the LED fixture may only be executed by certified service personnel, in accordance with the applicable local laws and regulations.

**Warning!** The installer is responsible for correct and safe installation.

**Warning!** Ensure the local cabling can support the voltage and current requirements of the LED fixture.

**Warning!** Avoid coiled cords and keep mains leads separated. This prevents electromagnetic interference.

**Warning!** Do not connect or disconnect the LED fixture under load.

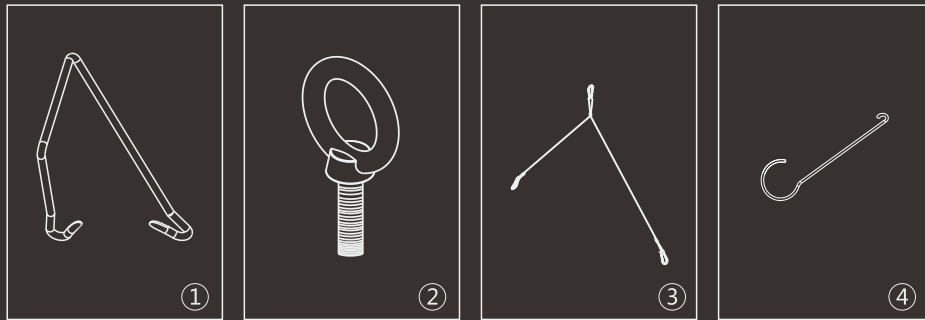
## Environment

The product is intended to be used in greenhouses and climate rooms.

The product can be used in damp environments. The product may not be used in wet environments or outdoors. The LED fixture functions optimal when the ambient temperature is between 68 ~ 86° F / 20 ~ 30° C.

## Mounting

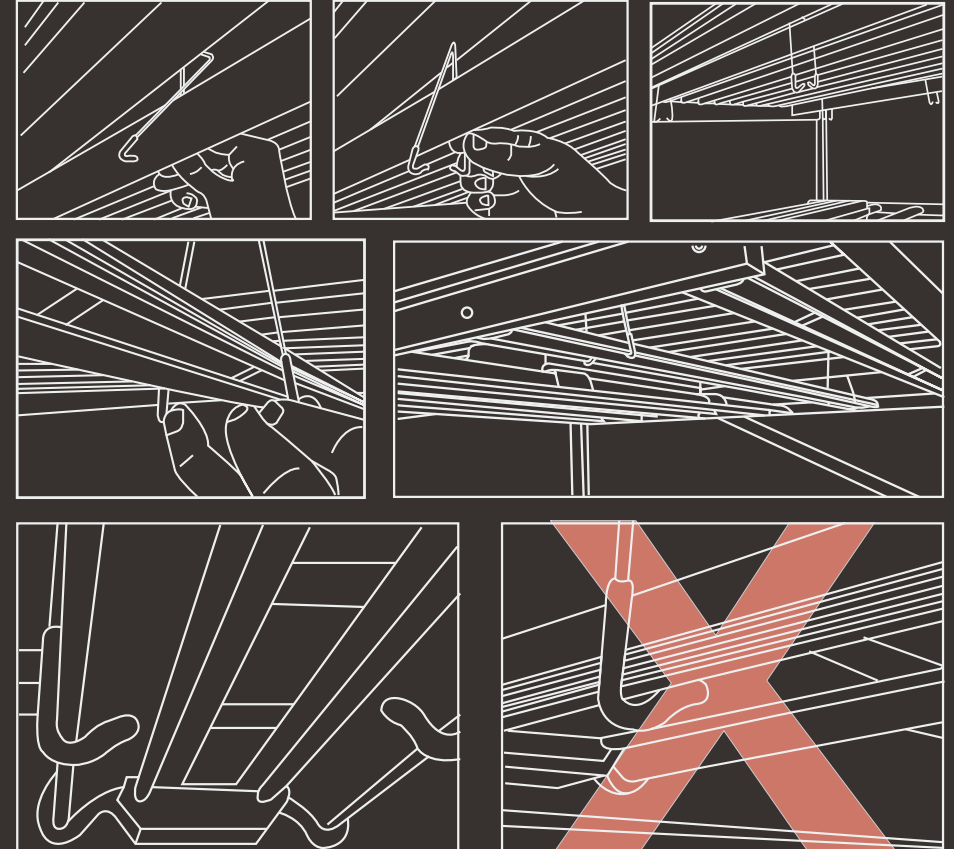
The LED fixture ship with your choice of hanging hardware. To mount the LED fixture, start by identifying a suitable support structure to hang your fixture from. For optimal results, two people are recommended to mount the fixtures.



### MOUNTING WITH SOLID DECKING MOUNTS

Suggested application: ideal for hanging on cross bars in a rack system with solid decking. Hardware included: Solid decking mounts. For proper uniformity and flexibility for adjustments, position the LED fixture with light bars parallel to the length of the rack.

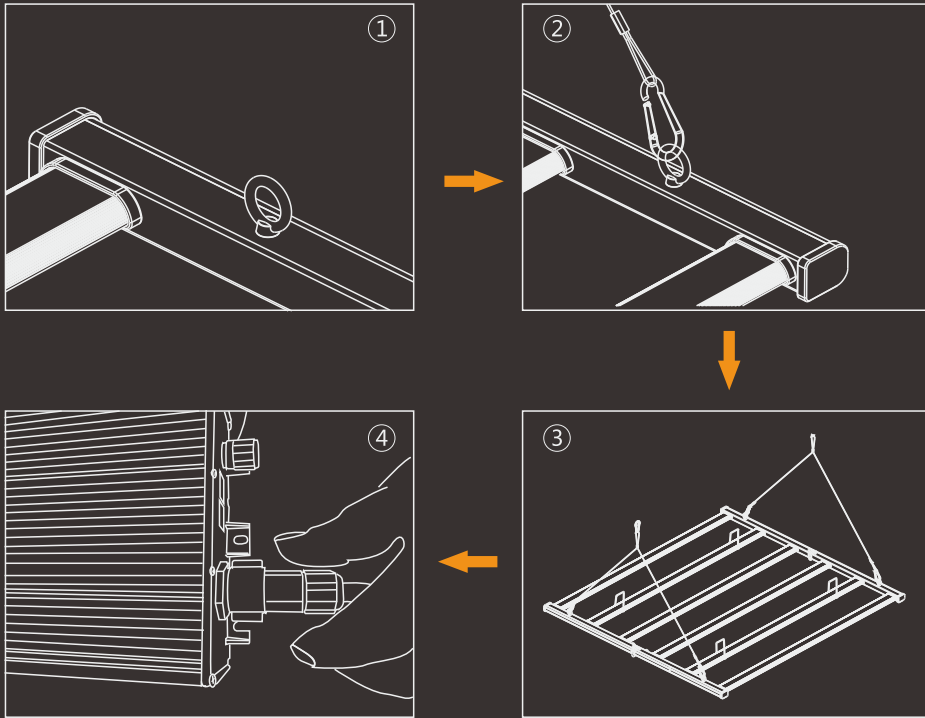
- 1, Put 4 the 1# hooks on the installation site (between the beams of the shelf)
- 2, Adjust the position of 4 hooks
- 3, MUST 2 people jointly lift the LED fixture, the second and the fifth light bars are linked to the hooks.
- 4, Adjust the hang position, must be balance.
- 5, The input power cord of the LED fixture connects the power supply, which can be used.



### MOUNTING WITH LANCE HANGERS AND ADJUSTABLE KIT

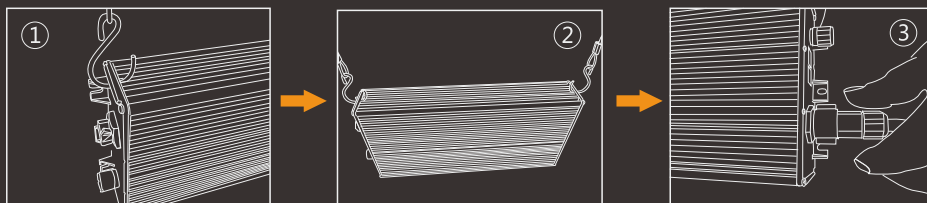
Suggested application: Ideal for two-point hanging from areas with high clearance, such as ceilings or other support structures.

- 1, Put 4 the 2# rings into 4 round holes in the lamp stand.
- 2, Hang 2 the 3# ropes into the rings.
- 3, MUST 2 or more people jointly pull up the rope and lift the LED fixture. Put the top of the rope fixed at the installation place.
- 4, The rope can be adjusted height, must be balanced.
- 5, The input power cord of the LED fixture connects the power supply, which can be used.



MOUNTING THE POWER SUPPLY ENCLOSURE

- 1, hang 2 the 4# ropes into the holes on both sides of the power supply.
- 2, fix the rope to the location where it needs to be installed.
- 3, the input power cord of the LED fixture connects the power supply, which can be used.



CONNECTING UP TO 100 LED FIXTURES

- Remove the dummy from the input port on the first LED fixture.  
Note: Keep the dummy in a safe place! The dummy is necessary to operate the LED fixture in standalone mode.
- Use the black controller cable (item is supplied with controller) to connect the controller input port on the first LED fixture.
- Remove the dummy from the input port on the second LED fixture.
- Use a grey 6PC6 modular jack interconnect cable with integrated ferrite cores to connect the output port of the first LED fixture to the input port of the second LED fixture. The indicator light will blink when the connection is unsuccessful.
- Repeat these steps to connect up to 100 LED fixtures.

