
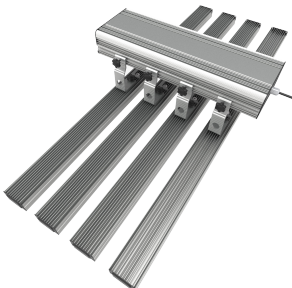
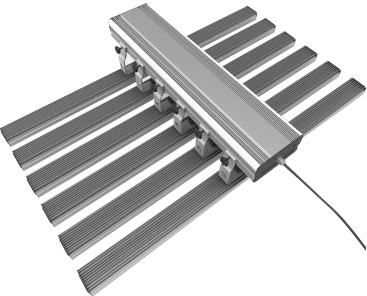
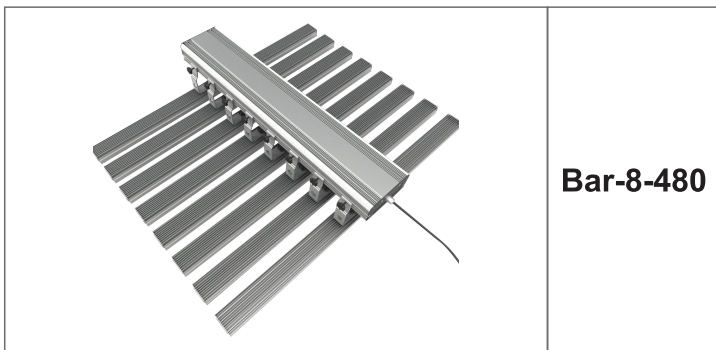


Instruction Manual

LED Bar Fixture

Product Identification

 A long, narrow, silver-colored LED bar fixture with a black power cord attached to one end. A small, rectangular, silver-colored power supply unit with two black cables is shown next to it.	Bar-1-60
 A silver-colored LED bar fixture mounted on a black metal bracket. The bracket has four long, narrow, silver-colored mounting rails extending downwards.	Bar-4-240
 A silver-colored LED bar fixture mounted on a black metal bracket. The bracket has six long, narrow, silver-colored mounting rails extending downwards.	Bar-6-360



Bar-8-480

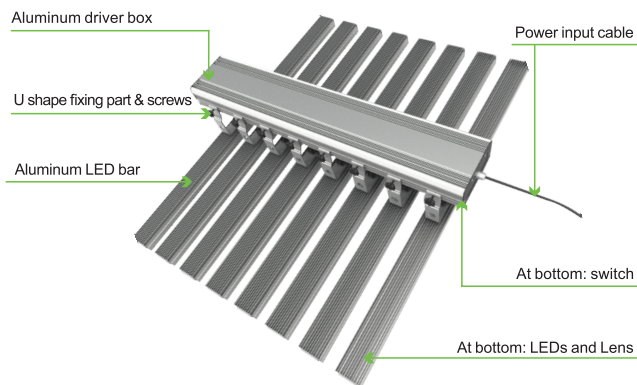
1. Delivery contents

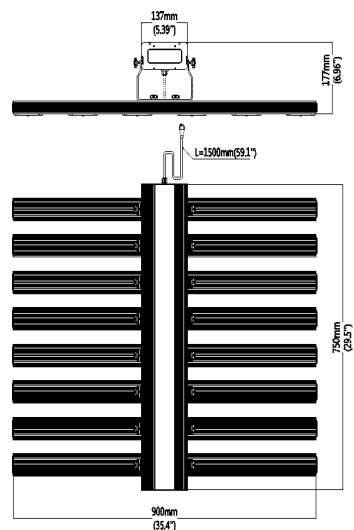
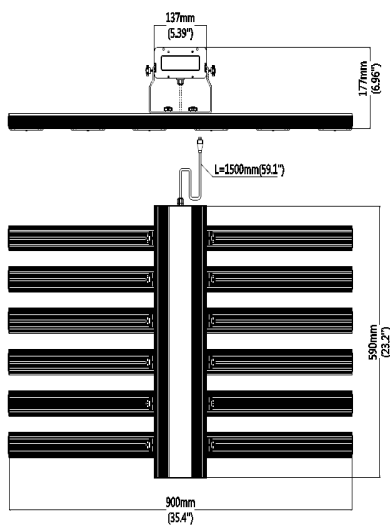
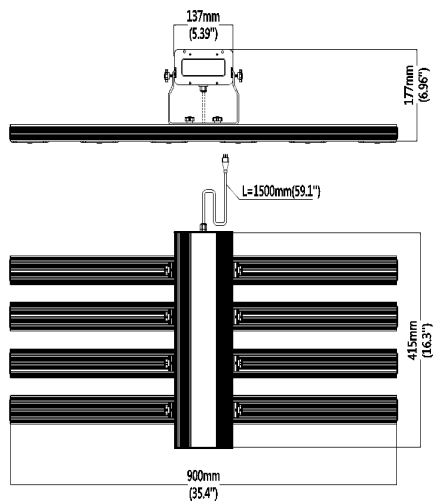
- 1, 4, 6, 8 x LED bar(s)
- 1 x driver box
- 4, 6, 8 x U shape fixing part with fixing screws (for 4, 6, 8 bars)
- 1 x cable with rubber connector
- 1x hanging kit
- Universal instruction manual



Please keep the instruction manual and desist from throwing it away. It might come in handy with future troubleshooting.

2. Product Structure



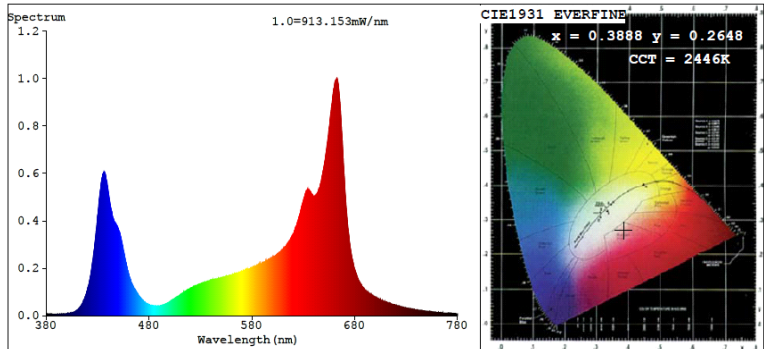


3. Product Datasheet:

3.1 Product specifications

Item	Bar-1-60	Bar-4-240	Bar-6-360	Bar-8-480
LED bar qty.	1 * LED bar	4 * LED bar	6 * LED bars	8 * LED bars
LED source	High efficiency / high CRI COB + 3W SMD3535 LEDs			
LED qty.	6xCOB + 24x3W LEDs	24xCOB + 96x3W LEDs	36xCOB + 144x 3W LEDs	48xCOB + 192x 3W LEDs
AC input	85~265VAC			
Driver	UL certificated driver			
True power consumption	60W	240W	360W	480W
Control	Single switch			
Beam angle	60 degree or 105 degree optional			
Waterproof level	IP65			
Product Size	900*56*32mm (35.4"x2.2"x1.3")	900x415x135mm (35.4"x16.3"x5.28")	900x590x135mm (35.4"x23.2"x5.28")	900x750x135mm (35.4"x29.5"x5.28")
Net Weight	1.8	6.8	10.2	13.1
Gross Weight	2.7	9.8	12.2	17.3
Environment temperature	- 20℃~40℃			
Storage temperature	- 40℃~60℃			
Life Span	50,000 hours			

3.2 Standard Spectrum:





4. Application examples

- Grow farm
- Greenhouse
- Research
- Home grow

5. Preparation

5.1 Transportation, storage and unboxing

• Transportation

Improper transportation may harm or can even cause damage to LED bar and power housing box). Therefore it is mandatory to check in advance, if the delivery is complete and without damage. In case of obvious damage or incomplete scope of supply, please refer to your vendor and Haulage Company immediately. If possible, you may refuse the delivery, in case that any major damage is visible on the outside of the product.

• Storage

We recommend to keep the package of the product, in case of transportation or storage purposes in the future. To ensure a long-lasting and flawless operation, neither do expose the product to low ($< -20^{\circ}\text{C}$) nor high ($> 50^{\circ}\text{C}$) temperatures.

• Unboxing

Please handle and unbox the LED module with care!

*Check the delivery contents for completeness first. A detailed list of the product range is contained on the inner cover in this manual.



Through transport or due to a long storage time, the LED bars might get a little polluted. Therefore we recommend cleaning LED bars before each use with a dry and soft tissue.

5.2. Setup & assembly

• Single LED bar:

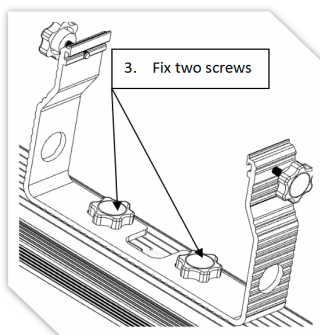
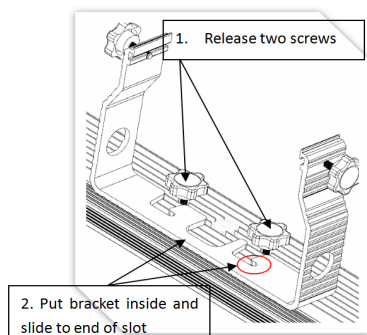
Step 1: Hang up LED bar at proper height;

Step 2: Plug power cable onto LED bar power connector;

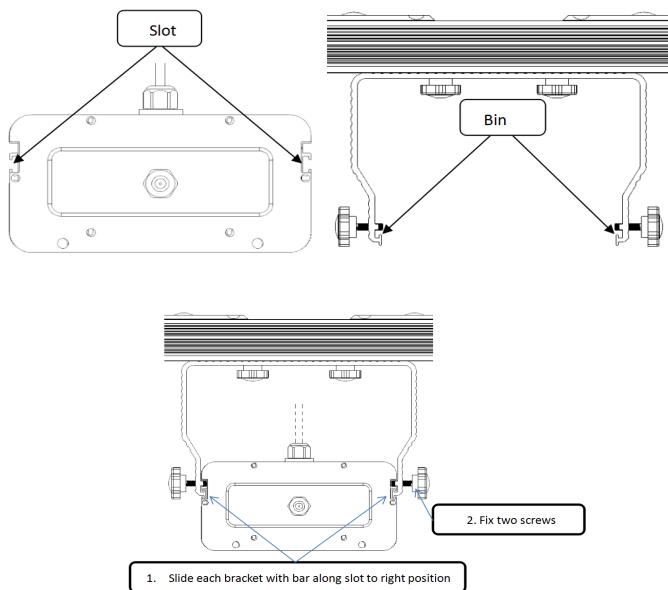
Step 3: Plug AC cable onto socket.

• Multi LED bar fixture:

Step 1: Fix “U” shape bracket onto each single LED bar with two screws:



Step 2: Slide bracket into slot of driver box to right position shown as following:



Step 3: Fix hanging kits onto driver box and hang LED bar fixture at right height.

• Cautions:

Please unplug the device from the electric grid, when you are assembling LED bar fixture; Within the scope of delivery are at least four steel wires and one snap-hook. The wires are meant to be connected with the assembly-eyelets on two ends of driver housing box. Through this method, the weight can be evenly bundled onto one central hanger assembly, the snap-hook. As the LED bar fixture is not solely intended to be sold to professionally equipped end consumers, but for hobby new comers as well, a cable with simple rubber connector is sufficient for deployment. No cumbersome wiring with ballasts and terminal strips required.

6. Operation

6.1 Safety measures & precaution



Warning! This LED fixture is powered with electricity (85-265V AC)! To prevent injury, we ask you to desist from improper use!

- Never open the case of the device! Health hazards await the consumer and the warranty of the device expires.
- Never remove the electric supply abruptly! Before taking the unit off the grid, deactivate it with switch on the bottom side of driver housing box.

6.2 Putting into service

First ensure a secure and steady hanging (q.v. setup & assembly); Deploy the LED bar fixture about 15-50cm (at least 10cm!) above the top of the plants;

Connect the LED module with a clock timer (if available – not included in the scope of delivery) and program the desired lighting cycle. Alternatively: Connect the device with the provided wires to the electric grid.

Please ensure that the LED bar fixture is being operated out of sight and reach of children and animals to protect their eyes!

6.3 Proper use

Operate the LED bar fixture only horizontally, while hanging or slightly angled (approx. about 20°).

Do not use the LED bar fixture vertically or as illumination device upside-down (direct eye contact and long exposure over time may cause permanent damage to your eyesight!).

We don't advise you to deploy the device as a room illuminant. It is exclusively designed and developed for plant breeding, cultivation and hibernation.

Keep the module clean to ensure a long lasting lifetime.