

Installation Instruction

Attentions:

1. Use the high quality socket, lamp will not work properly with bad connection.
2. Verify that the supply voltage is correct by referring to the information on the specification label.
3. Do not change any open holes in an enclosure of wiring or electrical components during the kit installation.
4. Turn off the power and unplug the fixture when you perform any maintenance.
5. Don't look at light source directly with naked eyes.
6. Don't touch the surface of the lamp with power on.
7. Avoid hitting, bending or causing mechanical stress to the fixture.
8. Don't cover or block any part of the fixture during operation.
9. 12" Clearance must be maintained from any combustible surface.
10. To ensure the optimal performance, the heat sink may require periodic cleaning, clean with compressed air or damp lint free cloth
11. Always providing a well ventilated environment where the ambient temperatures do not exceed 40°C (104 °F) regardless of whether the fixtures are in operation or off.
12. Excessive temperatures can inhibit performance and may cause damage or shorten the lifespan of the fixtures which will also void the warranty.
13. In case of affect the lifespan, please avoid to install the light in a save place which contain any heat source, hot steam or corrosive gas.
14. This LED fixture is intended for indoor or greenhouse use.
15. Please ensure installing the light in a place can load 10 times weight.

40W Bar



Specification:

Product Model	YC-40 R660nm
Power	40W
Input Voltage	AC100-277V 50-60Hz
Working Environment	-20-40°C, 45%~95%RH
Veg/Flower Coverage	2'X2'
PAR (umol m-2s-l)	383.61 @ 12"height
LED Lifespan	50,000hrs
Spectrum	Osram Red 660nm
Function	0-10V Dimmable
Driver	Boke driver
Aluminum heatsink	20mm thickness
Product Size	500*53.5*20mm

Introduction of Dimming:

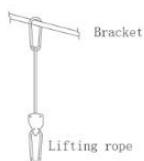
Controller		0-10V Knob Dimming
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Growing Tips: The rate of photosynthesis and transpiration are directly affected by temperature, humidity and airflow. The perfect temperature and humidity for your plants are found between 23.8°C-29.4°C and 50%-70% humidity, with plenty of airflow to replenish CO₂. PH is 6-6.5. You may add more micronutrients, as the plants would need more than normally needed.

Warranty: The led grow light is guaranteed for a period of 1 year under normal use. The warranty includes parts for the light board and power supply. During the warranty period, we will provide free replacement for damaged parts caused by non-artificial reason. If whole fixture needs to be repaired, the customer should pay shipping fee to the repair center or the factory.

Installation:

Step 1: Install the lifting rope on the bracket, as showed on the picture



Wire sling

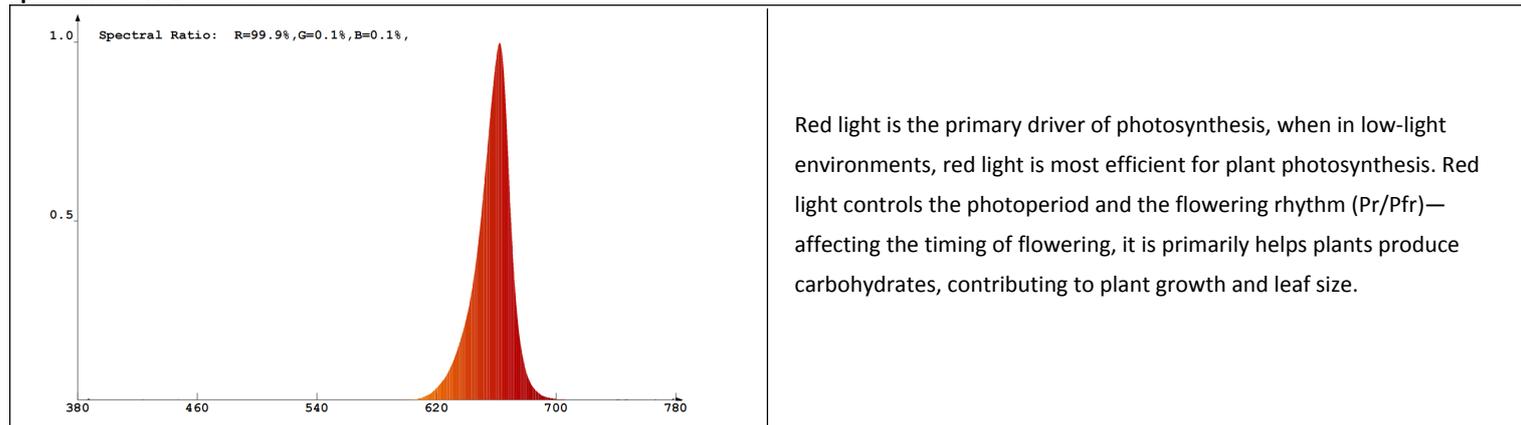
Step 2: Hook the sling to the end cap hole



Step 3: Hang the steel wire sling on the lift



Spectrum 40W Bar Red 660NM



40W Bar Red 660NM PPF Map test in 600×600mm grow tent

Height:12" (30cm)	304.3	347.07	367.91	357.84	315.1	Height:18" (46cm)	193.86	207.88	213.38	208.85	194.66	Height:24" (60cm)	162.55	168.25	175.26	171.21	163.44
	319.5	360.48	383.61	371.07	347.4		199.57	211.19	215.89	211.41	201.28		164.27	170.99	176.04	171.52	164.85
	292.53	338.39	362.78	347.42	307.61		194.26	206.17	210.48	205.99	195.07		163.21	169.23	174.41	170.07	164.34