

LED PLANT GROWTH LIGHT



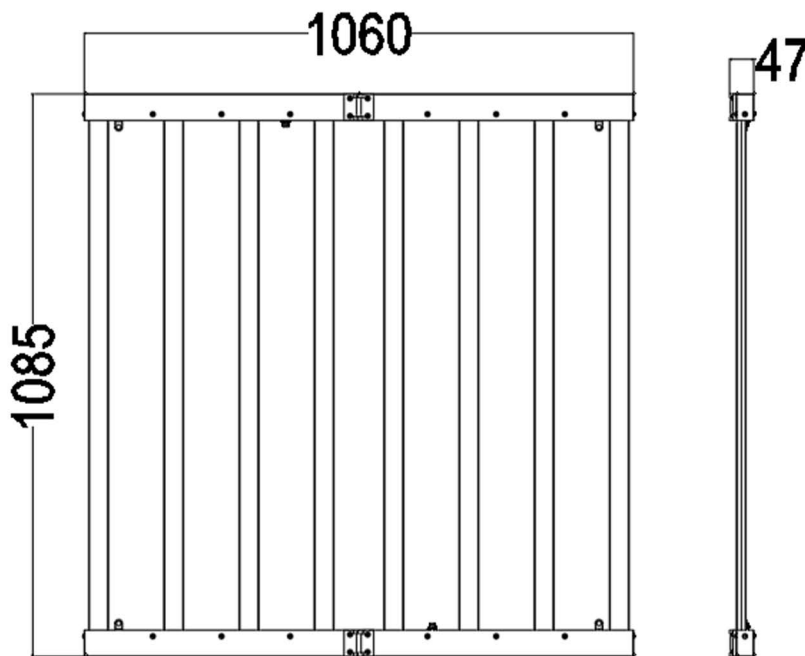
BB-GKD-XXXW-G5-D2

PRODUCT DESCRIPTION

The Plant growth light series has the high-performance solution for the most demanding applications within a unique design. It can be used in many applications such as greenhouse, farm, anywhere planting Flowers, Succulents, Fruits.

FEATURE

1. High efficiency white light Quantum Boards used top Epistar smd led.
2. White Light Full Spectrum for better results.
3. Hanging Mounting.



600W / 800W

PERFORMANCE DATA

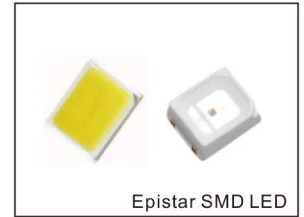
Power	600W	800W
Model	BB-GKD-600W-G5-D2	BB-GKD-800W-G5-D2
Replacement	HPS 1500W	HPS 2000W
Dimensions	L1085*W1060*H47mm	L1085*W1060*H47mm
PPF (380-780nm)	1308 μ mol/S	2240 μ mol/S
EFF	2.18 μ mol/J	2.18 μ mol/J
Coverage	6ft \times 6ft	6ft \times 6ft
System Efficiency	140lm/w	
Spectrum	Full spectrum white light +660nm Plant red light	
Mounting	Hanging Mounting, Mounting Height \geq 6" (15.2cm) Above canopy	
Light Source	Epistar SMD LED	
Operation Temp.	-40 to +45 $^{\circ}$ C	
Life Span	50,000 hours at 25 $^{\circ}$ C	
Voltage	100-277VAC/50-60Hz	
Driver	UL listed power supply	
Dimming	Dimmable	
Housing Color	White, with 2m plug	
Supplementation time	16-20H/day	
Material	Aluminum + PC	
Beam Angle	120 $^{\circ}$	
PF	$>$ 0.95	
Warranty	5Years	

PROJECTS



DETAILS

1. Top unique design 3.0/W conductivity, 2OZ copper thickness.
2. High efficiency white light Quantum Boards used top Epistar SMD LED.
3. Full spectrum white light +660nm Plant red light for better results.
4. UL listed power supply, Safe and reliable, long life.
5. Perfect performance for veg and bloom.
6. Green, energy saving, long and reliable life of 50,000 hours.
7. No RF interference, No IR/UV radiation, no mercury pollution.
8. Better canopy light penetration with diffused light.
9. Environment friendly, energy saving (70~80%).
10. Special circuit design, each LED work separately, avoiding the single broken LED influence problem.



APPLICATION

- Greenhouse
- Farm
- Container Farm
- Hydroponic Growing
- Vertical Farm
- Mini Garden



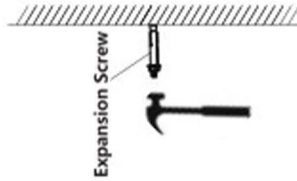
INSTALLATION

■ Installation Instruction

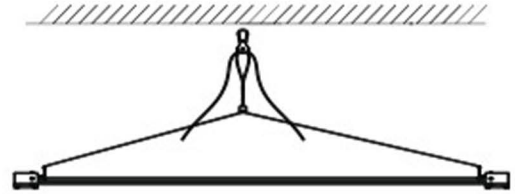
1. Lamp Fasten and Wire



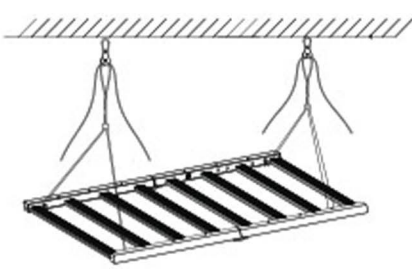
1. Drill holes in the ceiling.



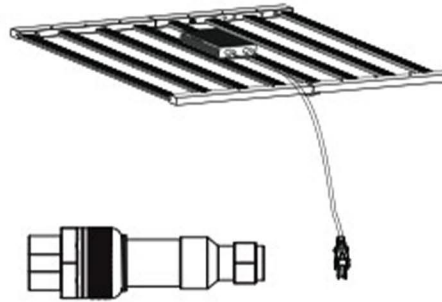
2. Place the expansion screw into the ceiling.



3. Install the lifting rope to the ceiling.



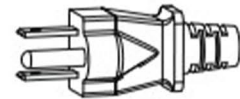
4. Hang the lamp to the lifting rope.



5. Put the driver on the middle top of lamp.
Connect the plug between lamp and driver, notice: connector male plug arrow is aligned with the female plug arrow.



Please tear the film before lighting up.

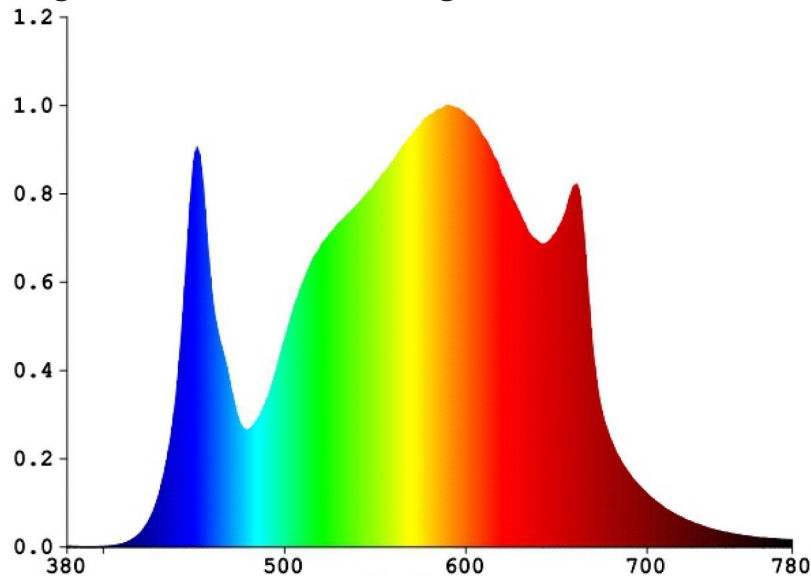


AC 100-277V

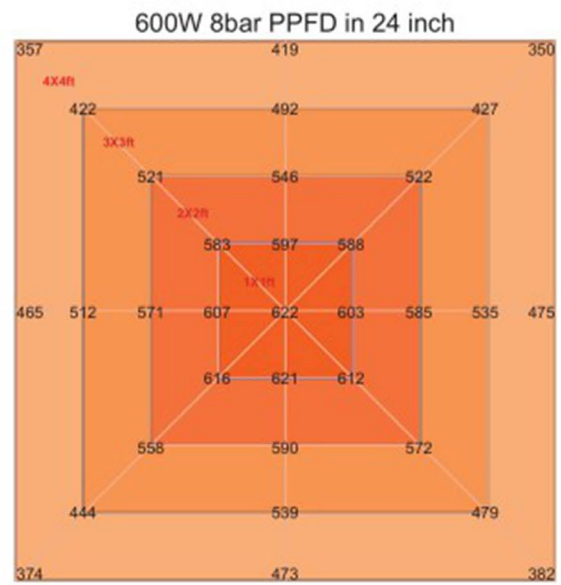
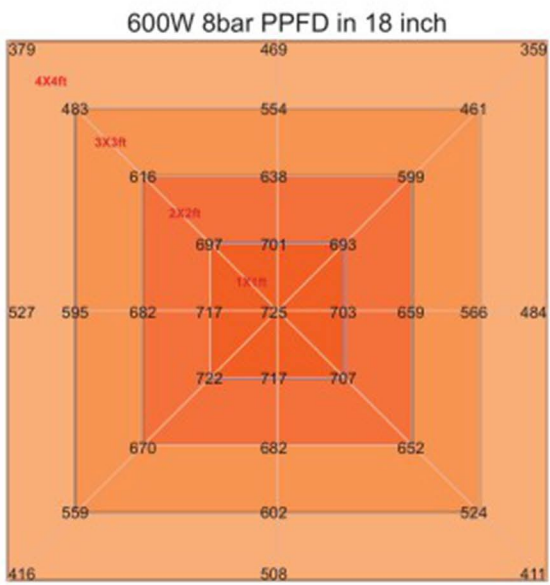
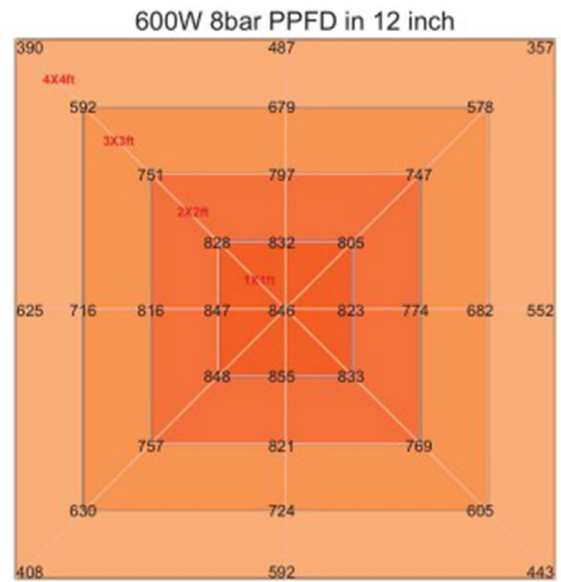
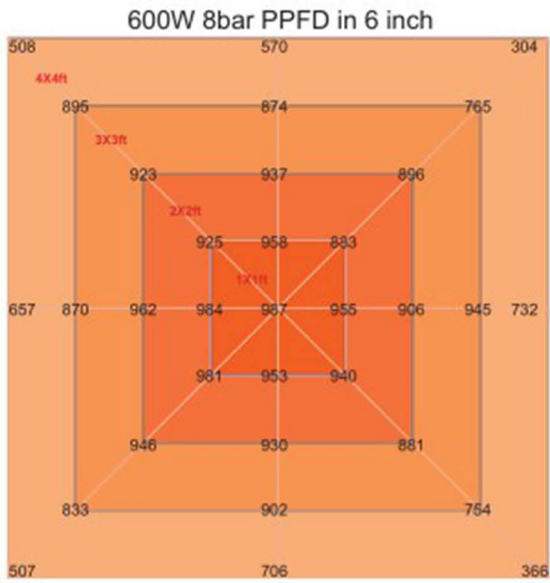
6. connect the plug to the power source

WAVELENGTH-SPECTRUM

Full spectrum white light +660nm Plant red light



PPFD DISTRIBUTION



PACKING INFO



Model	Packaging	Carton Size(mm) (L*W*H)	N.W	G.W	Volume weight
600W/800W	1pc/CTN	1125*570*120mm	17.5kg	22.0kg	24.0kg