



EXTREME LED LIGHTZ

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Address: Red Deer, Alberta, Canada

Model: EXT 2000w Dimmable Remote COB LED Grow Light



| Specification | | | |
|------------------------|---|--------------------|------------------------|
| Size | 830*500*85mm | Actual Power | 1650w |
| Input Voltage | AC85~265V | Output Current | 700mA |
| Output Voltage | DC32~45V | LED Quantity | 150wx8pcs+21pcs5wx7 |
| Lifespan | 50,000 Hours | LED Type | CREECXB3590+5W Epistar |
| Working Environment | -20~40℃, 45%~95%RH | Ratio | Full Spectrum |
| Working Frequency | 50~60Hz | Color | White |
| PPFD | 3495/1F. 2896/2F | Lumen | 124246 |
| N.W. | 24 kg | Lighting Area | 12*10Feet |
| Warranty | 2yrs | Dimmable | COB Dimmable |
| Outer Carton Size | 880*550*105mm | G.W.(Outer carton) | 26kg |
| Standard configuration | LED Light x1, Power line x1, Chaining x2 | | |
| Remarks | The above parameter is based on 380nm-850nm ,for reference only | | |

Related Test



IES and LUX Test



Coverage Test for Growth



Coverage Test for Blooming



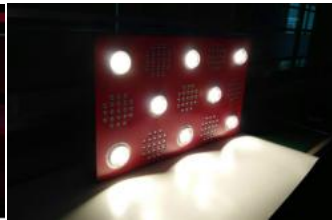
Dimmable and Remote test for COB



Growth(Blue+Dimmable COB)



Blooming(Red+Dimmable COB)

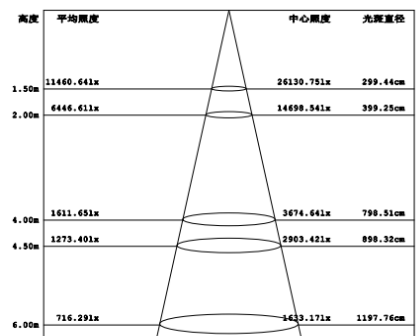
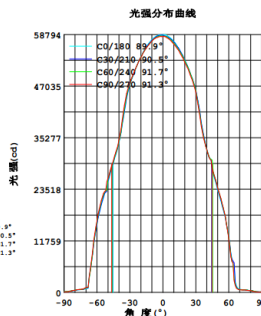
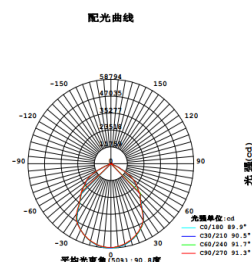
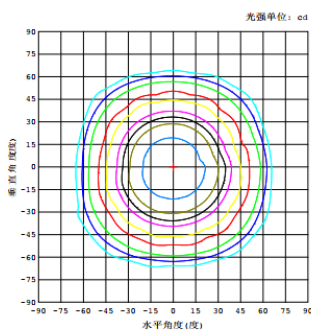


Both for Growth and Blooming(Dimmable)



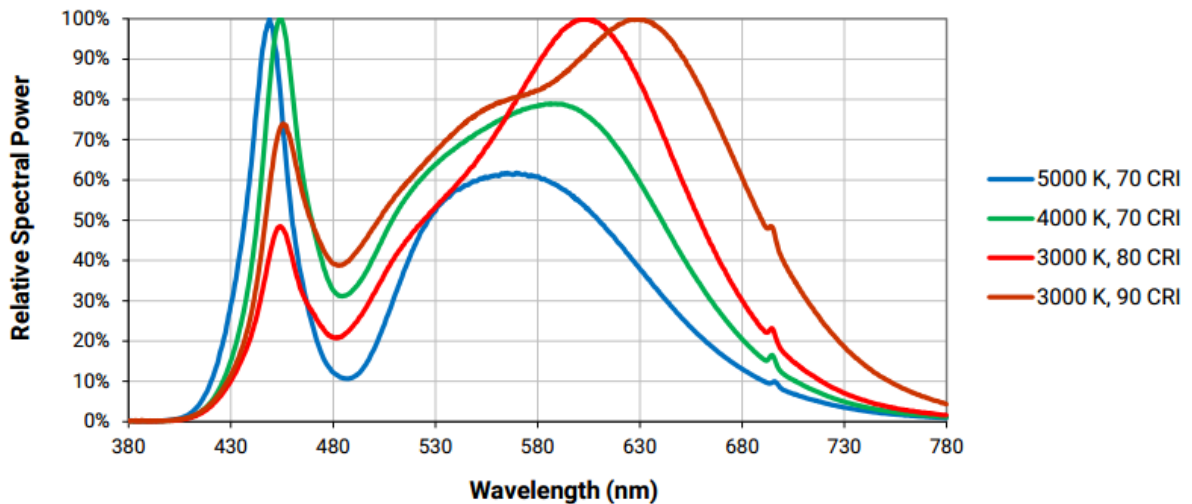
Full power before harvest

PS: All Data Test At 90% Power On and CREE CXB3590 3500K



RELATIVE SPECTRAL POWER DISTRIBUTION

The following graph is the result of a series of pulsed measurements at 2400 mA for the 36-V CXB3590 and 1200 mA for the 72-V CXB3590 and $T_j = 85\text{ }^\circ\text{C}$.

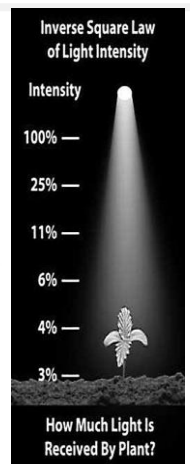


Advantages

1. Unique Design: 150W CREE COB+5w Chip, high power 2000w, deep penetration. Remote control and Dimmable
2. Separate Color Control: 3 switches, one for breeding, one for seedling and one for blooming. Suitable for different grow period accordingly.
3. Full Spectrum: 380nm-850nm. UV-IR. All useful wavelength include, Ideal for all phases of plant growth.
4. Module design: Easy for assemble and disassemble.
5. Energy Saving: Different fans for different model and different grow period. Switchable-3 switches make sure No need full power used!
6. Biggest Footprint: 14*12 feet. Suitable for at least 10-15 plants!
7. Self-protection: Lights will turn off actively for self-protection if the temp is too hot.
8. Custom Spectrum acceptable/Color boxes acceptable with re-branded logo.

PS: A little UV and IR is very necessary for plants growing.

UV Makes the leaves fatter. IR Promote flowering and budding.



Suggestions

1. Ideal Working time: 10-14 hours
2. The working environment for the light is $-20\sim 40\text{ }^\circ\text{C}$, 45%RH~90%RH.
3. The ideal distance between the lights and plants is 1m-3m.
4. Turn on the Growth button during Seeding and Veggies.
5. Turn on the Bloom button during Flower period.

Attention

1. Do not use the lights in dripping water or anywhere where they will get wet;
2. The working environment for the light is $-20\sim 40\text{ }^\circ\text{C}$, 45%RH~90%RH;
3. To protect the light, Pls cut off the power when there is a lightning strike;
4. Don't touch or move when the light working.