



Led Flower Growlights

Technical Specifications

Spectrabox Professional XTR

Release date: 2019/04/01



Spectrabox

Release Version: V2.0

Release Date: 2019/12/01

<http://www.ledflowergrowlights.eu>

Advantages Spectrabox eXTReme LED grow light

1. High efficiency and Energy saving

The Spectrabox XTR series are high efficient LED grow lights. Tests have shown that LED grow lights give plants greater light intensity and grow rates than standard HPS grow lights, yet using only 50% of the electricity.

2. High Power & Long Lifespan

LED grow lights do have a long lifespan. The Spectrabox eXTReme is provided with 78W hybrid COBs and 3W CREE LEDs, mounted by SMT technology. This guarantees high light-output, high quality and high reliability, with a lifespan up to 35.000 hours.

3. Plug and Play

No setup required; no reflector and ballast are needed. The Spectrabox XTR is a plug-and-play grow light. Just plug directly into AC230 Volts power socket, which makes the installation safe and simple.

4. Aluminum frame

The Spectrabox XTR is provided with an extreme rigid aluminum lightweight frame. All metal parts are rust free to ensure longevity.

5. SPC technology for excellent performance

SPC technology guarantees the Spectrabox XTR will work stable, even if any of the LEDs does fail, it will not affect other LEDs.

6. Growth modus

The Spectrabox XTR is a high power no-nonsense LED Grow Light. The Spectrabox XTR only has a switch to lower the power output to a level for lighting during the growing period. During the flowering period full power is best for optimal yield.

7. Smart fan drive

The LED chips are SMT mounted to an aluminum PCB for excellent heat dissipation. To optimize cooling and heat dissipation, a heatsink with fan is directly attached to the PCB.

8. Full-spectrum LEDs for best light coverage

The Spectrabox XTR drives the high power LEDs and COBs with a safe amperage to provide the highest PAR light output and a long lifespan. The patented 78W full-spectrum hybrid COBs deliver eXTReme power for optimal light penetration and coverage.

9. Easy maintenance

The Spectrabox XTR is modular build with only two electrical parts; the led driver and the LED light unit. Both parts are easily unscrewed and removed for an update or for maintenance. Also when the warranty is expired, the maintenance and updates can easily be done by customer.

10. Environment friendly

A Spectrabox doesn't contain harmful substances such as mercury, iodine and lead like HPS & MH bulbs. LEDs are superior in comparison to other lighting technologies in terms of negative environmental and health effects during the manufacturing process. Producing LEDs consumes far less energy than manufacturing other lighting and it was noted the LEDs contain no mercury and few if any toxins such as iodine and lead.

Application 600W Spectrabox XTR

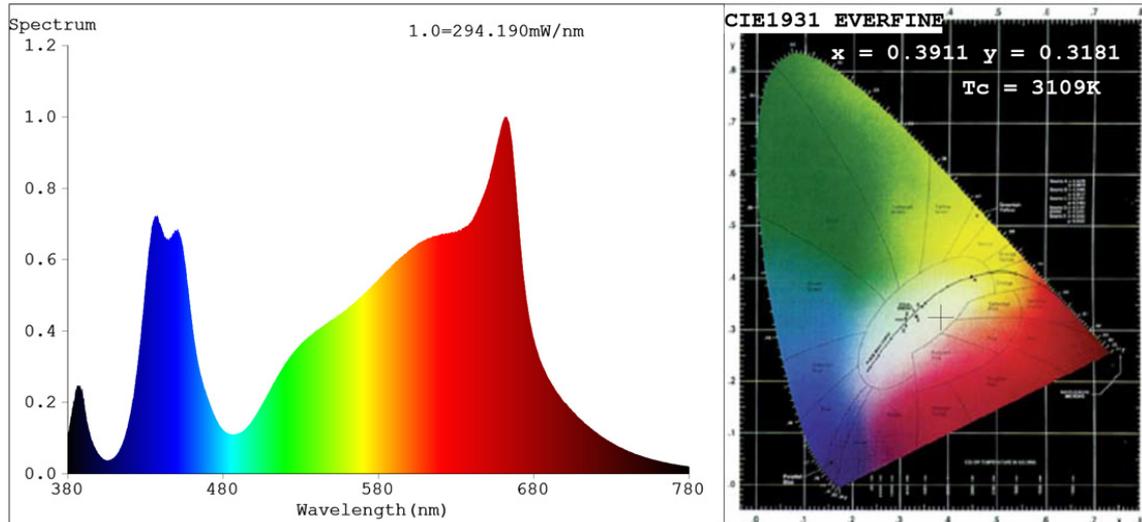


1. A Spectrabox LED grow light is suitable for greenhouse and indoor "darkroom" lighting.
2. The 600W Spectrabox XTR LED grow light replaces a 600W HPS grow light.
3. Ideal for all phases of plant growth and works well in any garden, either hydroponics or soil based.
4. Using SCS to create optimal spectrum for plants photosynthesis and photo morphogenesis.
5. OEM/ODM or customized integrated grow lighting solutions are available on request.

Pictures 600W Spectrabox eXTReme



Spectrum Spectrabox XTR



Technical specifications 600W Spectrabox XTR

Item	Value	Item	Value
LED chip	3W CREE	LED value	576 Watt
COB chip	78W Hybrid	Power factor	> 93%
Wavelength	Full-spectrum	Power consumption	~ 360 Watt
Optic lenses	105°	Power consumption grow	~ 240 Watt
Lifespan	Up to 35.000 hours	Ventilations fans	6 pieces
Height above plants	> 100 mm	Switch	Growth modus
Working environment	-20 ~ + 40°C	Voltage	230 Volts
Photon flux	~ 700 $\mu\text{mol/s}$	Relative humidity air	< 85%
Size Spectrabox	550x370x70 mm	Weight	6.7 Kg

Certification and warranty Spectrabox XTR



Note:

1. Indoor use only.
2. To avoid damage, don't use in dripping water environment or with dripping irrigation.
3. Select different lighting time depending on growing phase and species.
4. Use LED grow light in ventilated environment to ensure the light works at highest performance.
5. Don't look into the LED light directly without wearing sunglasses.
6. Power socket should be connected to the ground/earth.
7. After sales service; 2 year warranty.