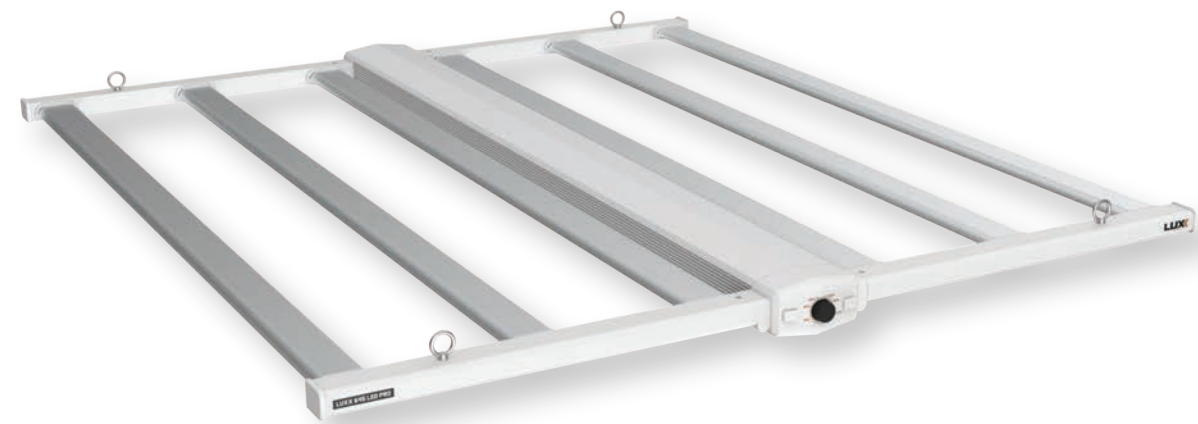




**Now taking preorders**

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## LUXX 645 LED PRO

DESIGNED IN LOS ANGELES, CALIFORNIA  
CULTIVATED WORLDWIDE

@LUXXLIGHTING  
#LUXXLIGHTING

# LUXX 645 LED PRO LIGHT EMITTED DIODE



## LUXX 645 LED PRO WE OPERATE IN THE YIELD GAME.

### Performance:

Lux Lighting was built on the principle of design, test and repeat. The LUXX 645 LED PRO has been developed by assessing SMD (Surface Mount Device) chips and drivers from leading manufacturers in controlled test applications and cultivation facilities for +3 years.

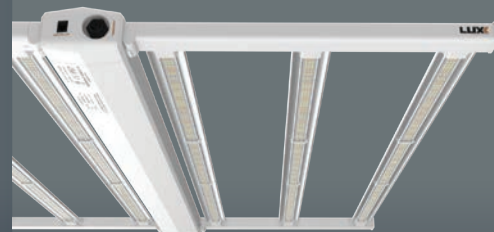
During this period of testing, we observed the best results from full-spectrum mixed LED along with infrared chips, as opposed to narrow spectrum, focused on blue and red within the photosynthetic portion of the electromagnetic spectrum.

### Functionality:

The LUXX 645 LED PRO includes manual & auto power adjustment. Delivering the flexibility to dim the unit down to 40% total power for lower photon intensity, without affecting the quality of the spectrum. The Luxx LED is foldable with locking hinges for easy transport, install and pull-down.

### Breakdown:

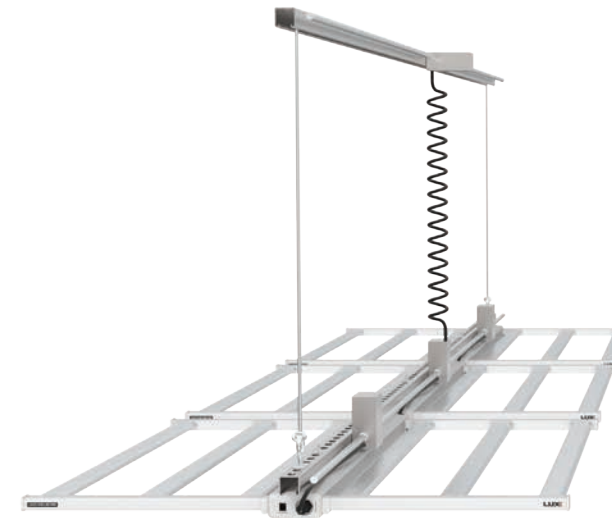
- 645w
- 6 bar
- 1800 Umol/s ppf
- 2.8 Umol/j
- IP66 Waterproof
- Mounts to Unistrut
- UL/ ETL Listed
- Manual & Auto Dimming
- All in one design
- Plug & Play
- Foldable & Locking design
- 5-year warranty



### Design:

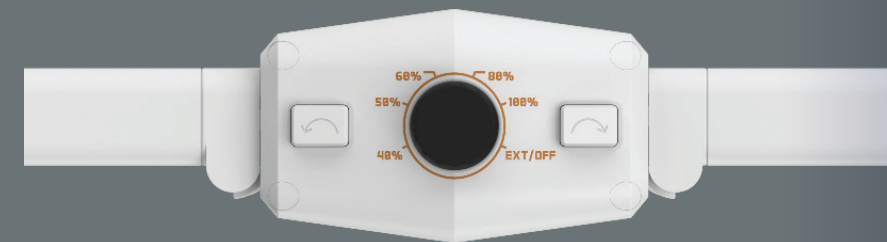
As cultivators, we are always seeking to increase canopy production, cleanliness and reduce maintenance time grow rooms. The fixture design removes clutter from mounting by easily attaching to uni-strut. LUXX 64 LED PRO allows the cultivator to adapt light movers to their room, removing the need for rope ratchets and extra wires in the grow room

## LUXX 645 LED PRO CONFIGURATION



VS

## COMPETITORS CONFIGURATION



### Functionality:

The LUXX 645 LED PRO features manual and auto power adjustment. Delivering the flexibility to dim the unit down to 40% total power for lower photon intensity, without affecting the quality of the spectrum.

### Components:

The LUXX 645 LED PRO operates on Samsung Blue SMD chips and Osram red SMD chips. Both manufacturers are the leaders in LED R&D, delivering high efficiency, reliability and diode performance.

The LUXX 645 LED PRO deploys a lens angle of 120 degrees, 6 bar design, and a total of 2,226 diodes. Delivering 1800 Umol/s with an efficiency of 2.8 umol/j. Performance where it matters, at the canopy.

