

ion[®] LED 630W



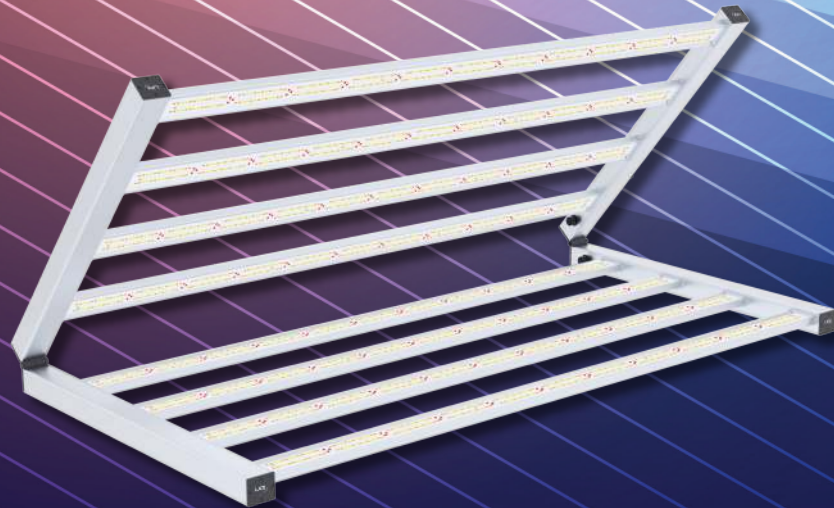
LIGHTING TO GROW LIKE A PRO



IONLED COMM630

Exclusively Distributed by GGen Distribution Corp.

ion[®] LED 630W



The ION LED system utilizes GrowGeneration's balanced spectrum and 3K Horticultural Full Phase Spectrum. Ultimate growing power is achieved with the best possible LED diodes available.

- 110V-277V wide voltage design, available with different NEMA power plugs for a wider range of voltage used.
- Folding design facilitates transportation and saves on shipping and storage costs.
- Digital control buttons are used for smart digital dimming with dimming ranges of 105W, 210W, 315W, 420W, 525W, and 630W.
- Smart Digital Bar Protection System: Upon one or more bar failures the system will digitally protect working bars and the power supply allowing for continuous ongoing operation.
- IP66 design protects against environmental conditions such as moisture and dust.
- Included features: Random start, soft start, soft dimming, over-temperature, over-voltage and open/short circuit protection.
- Compatible with various 0-10V control systems.

ION LED CONTROLLER

SOLD SEPARATELY



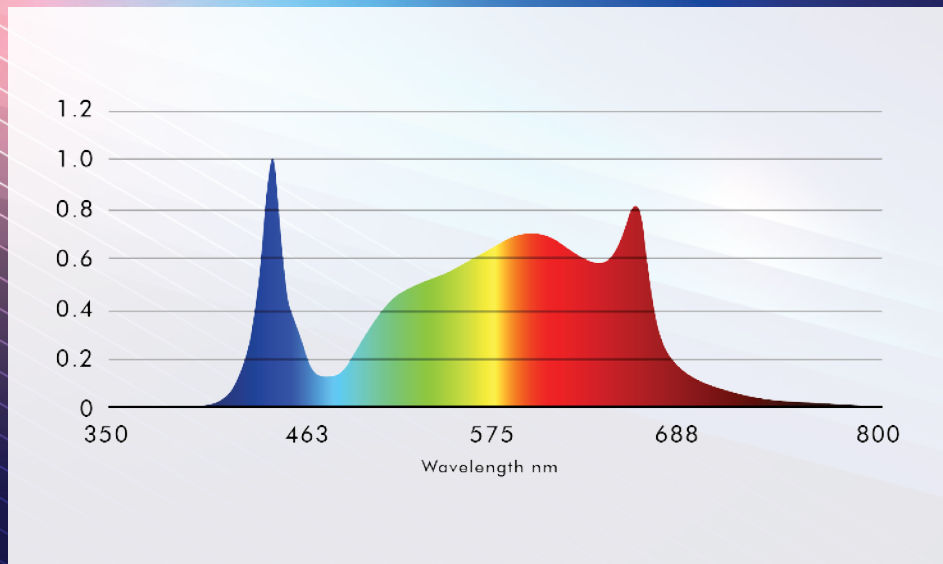
- 0-10V lighting control protocol
- High temp auto dimming function
- High temp auto shutdown
- Will Run two rooms with separate temperature sensors
- 50% -115% dimming range
- Terminals for shutdown/sensor failure alarm
- Uses RJ-12 cables

SUPERIOR PERFORMANCE



≈ 1700 $\mu\text{mol/s}$
Total Output

2.7 $\mu\text{mol/J}$
System Efficacy



ENERGY SAVINGS & SIMPLE HVAC



Up to 37% Energy Savings
50% Less HVAC Required

COMPLETE CONTROL

With our built-in dimming function, growers can set the optimal intensity at any growth stage to stimulate peak photosynthesis. Compatible with most lighting controllers.

UNIFORM LIGHT DISTRIBUTION

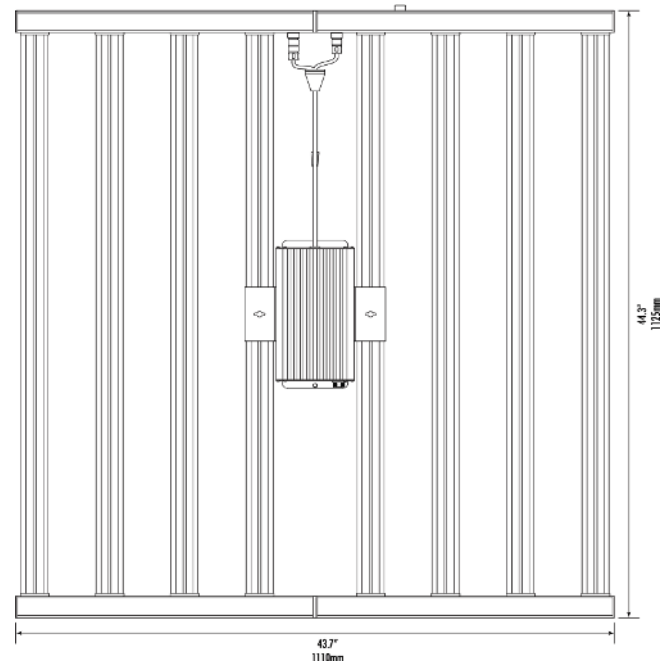
Engineered to deliver consistent levels of photosynthetic flux density (PPFD).

QUALITY ELEMENTS

Manufactured with high-tech Osram Top Bin Diodes and ultra efficient driver.

SPECIFICATIONS

Light Source	LED
Spectrum	FSG
PPF	≈1700 $\mu\text{mol/s}$
Input Power	630W
Efficacy	2.7 $\mu\text{mol/J}$
Fixture Dimension Weight	44.3" L x 43.7" W x 2.8" H 23.37 lbs (1125mm L x 1110mm W x 70mm H 10.6 kg)
Mounting Height	≥8-20" (20.32-50.8cm) Above Canopy
Thermal Management	Passive
Dimming	0-10V
Light Distribution	120°
Lifetime	>50,000 hrs
Power Factor	>0.97
Certifications	ETL / FCC / CE / EAC
Warranty	5 Year Standard Warranty



MAX AMPERAGE BY VOLTAGE SERVICE

VOLTAGE	120V	208V	240V	277V
AMPERAGE	5.43A	3.05A	2.62A	2.28A

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