

PRO GROW

EVO

3.0 UMOL/J



800 W 2400 $\mu\text{mol/s}$

SAMSUNG
LM301H

OSRAM
HYPER RED

3528 X SMD
LED DIODES

E800-430V

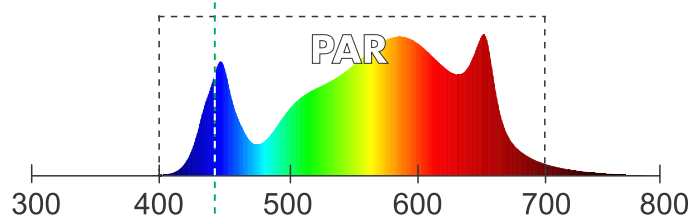
- Total PPF - 2400 $\mu\text{mol/s}$
- Efficacy - 3.0 $\mu\text{mol/J}$
- Sosen 0-10 V Driver
- CRI 90 - Full Spectrum Array
- Total Amps: 1.68 A @ 430 V
- 1105 mm x 1060 mm
- Adjust to 320, 480, 720 or 800 W



SMART CONTROLLER COMPATIBLE



EVO 4000 K White (437 nm)



SAMSUNG
LM301H

OSRAM
HYPER RED

4K
BALANCED
CRI:90



PRO GROW LED PRO 2400e



PRO GROW E800 full spectrum LED array is coupled with an ultra-reliable Invetronics 0-10 V Dimmable Driver. The light weight and durable die-cast aluminium housings offer cool, fanless & totally silent operation. Extended reliability is assured with IP-55 water resistant, cleanable housings. Fixtures are further dimmable via a Master Controller (sold separately). Drivers can be fixed or remote mounted a maximum of 1.8 m away via the extension cord provided. Four quality mounting rope ratchets are included for immediate installation.



OUTPUT AND EFFICACY



The PRO GROW E800 has an output of PPF 2,400 $\mu\text{mol/s}$. Pro Grow blends top bin SMD diodes from both Samsung and Osram for an outstanding efficacy of over 3.0 $\mu\text{mol/J}$. The 800 W fixture emits 4,000 K of full spectrum light with a CRI of 90. A high, average PPF of 1300 $\mu\text{mol/s m}^2$ is achievable across the whole plant canopy.

800 W - 8 BAR

2400 $\mu\text{mol/s}$

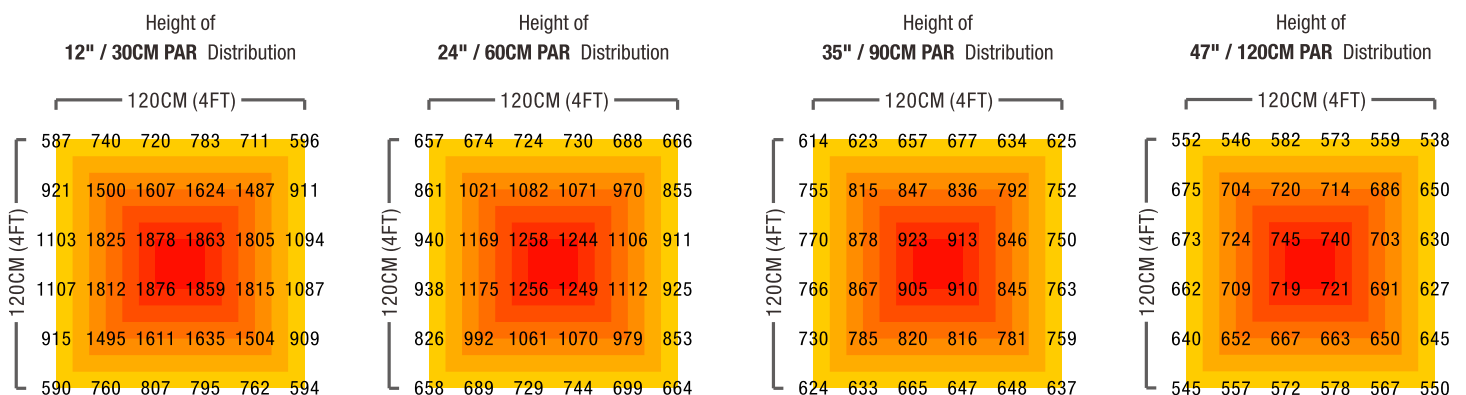
FOLDABLE DESIGN



The foldable design saves on shipping and storage costs. Simply Unfold, plug and play with the PRO GROW E800. Four quality rope ratchets are included for immediate installation.

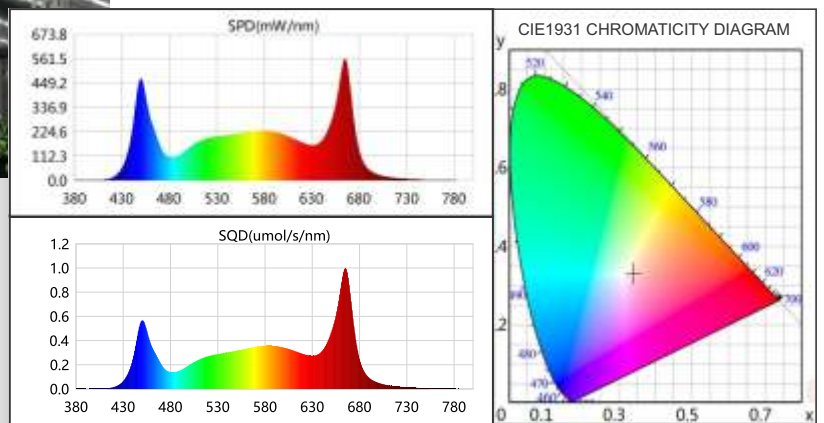
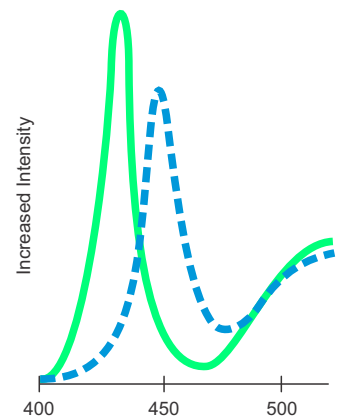


PPFD LIGHT DISTRIBUTION CHARTS



High Output LED For Commercial Applications

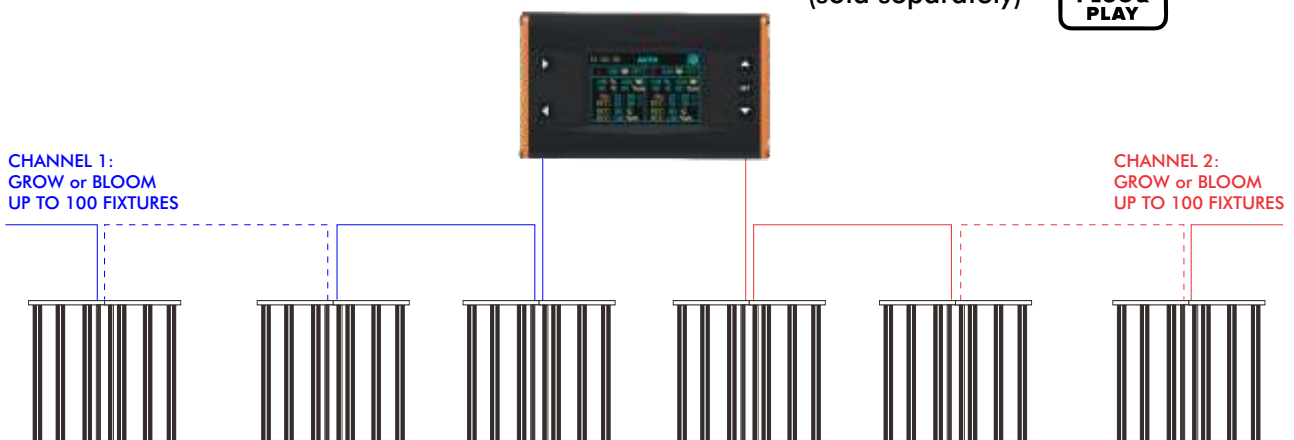
With the new Evo diodes, a small revolution in plant lighting is at hand. At the core of the E800 LED is the EVO 4000 K White diode. This shifts the previous blue peak from 450 nm to 437 nm. As evident in the accompanying chart, The EVO 4000 K offers a substantial "photon pump" over the previous 450 nm diode. The EVO further shifts the 301H spectrum from red into blue. This has increased the overall efficiency of the LM301H EVO diode up to 3.14 $\mu\text{mol}/\text{j}$. The EVO diode delivers more PPFD for no extra power costs.



SMART CONTROLLER (sold separately)

The PRO GROW E800 is compatible with the PRO GROW Smart Controller. Equipped with a RJ14 Cable, up to 200 fixtures can be daisy chained from the one controller (100 fixtures per channel). Dual room channels can be operated simultaneously for both long and short day offset. Simply switch all fixtures to EXT mode to begin controlled operation.

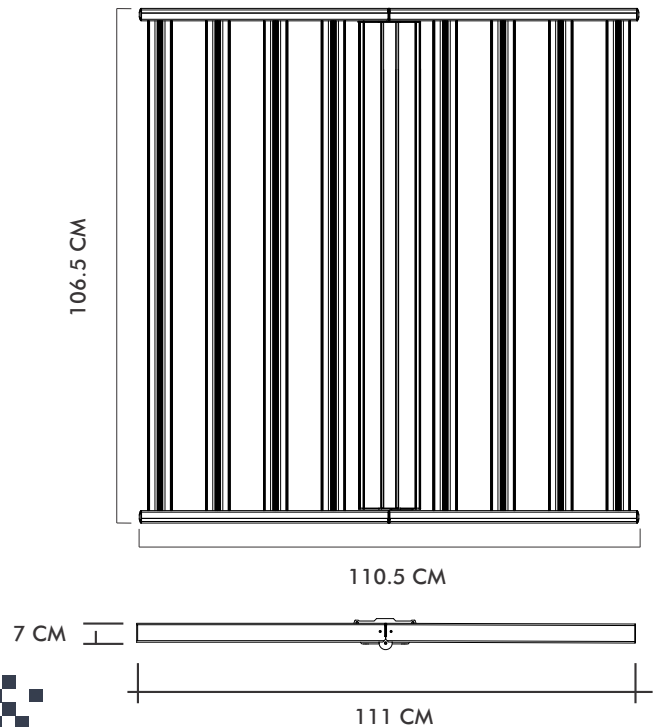
SMART CONTROLLER COMPATIBLE (sold separately)



SPECIFICATIONS

Model:	E800
Light Source:	3528 x Single Mount Diode LED's
Input Voltage:	347-480 V AC
Frequency Range:	50~60 Hz
Power/Watts:	800 W
Amps	1.68 A
Net Weight:	22 kg
Light Beam Angle:	120 Degree
Body Case Material:	Die Cast/Pressed Aluminum
IP Grade:	IP45 (water resistant)
Size:	L-1105 mm x W-1065 mm x H-70 mm
Lifespan:	>50,000 Hours
Min Operating Temp:	-40°C
Max Operating Temp:	40°C
Warranty:	3 Year Warranty

DIMENSIONS

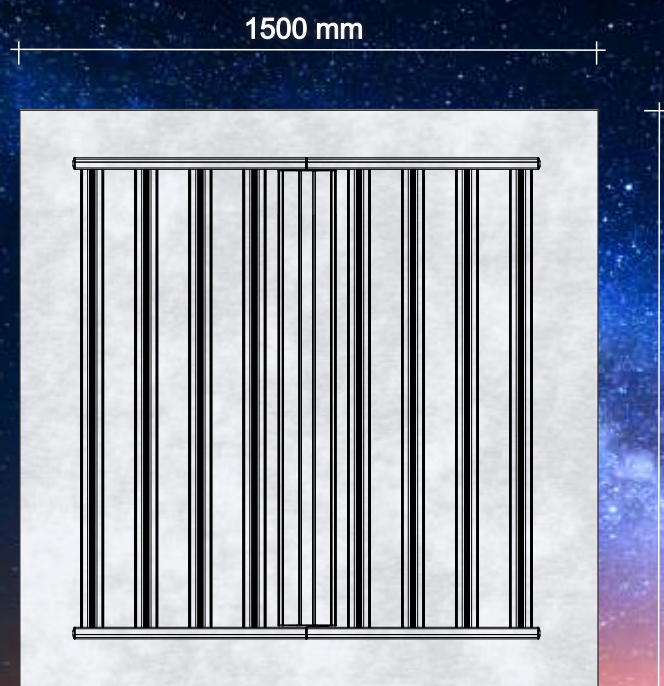


VOLTAGE

VOLTAGE	430 V
AMPERAGE	1.68 A

E800-430V

MAXIMUM RECOMMENDED LIGHT COVERAGE



SCAN FOR MORE INFO



www.progrow.net.au