

FluxWav

GROW LIGHTS

BY **solintra**
SOLUTIONS

Cultivate Smarter For Less.



SOLINTRA LIGHTING TECHNOLOGY

GH1 600W

SCIENTIFICALLY DESIGNED CUTTING-EDGE LIGHTING TECHNOLOGY FOR GREENHOUSE AND INDOOR APPLICATIONS.

Greenhouse LED lighting technology.
Biologically Engineered™.
Scientifically Designed.

Optimize greenhouse production for all crop types, by reducing capital and operational costs while enhancing productivity and efficiency.

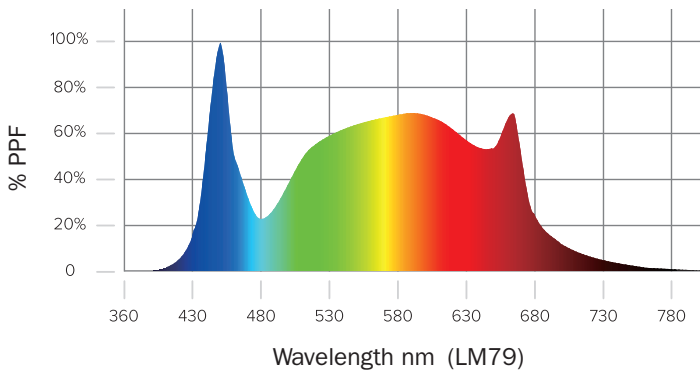
- LED technology optimized for all phases of growth and crop types
- Large and uniform PPFD distribution
- Unique closed-loop onboard heat-pipe thermal design
- Small footprint for minimizing weight and shadow effect
- Replaces 1000W HPS fixtures in greenhouses
- Custom spectra available (inquire with sales team)
- Rugged and durable construction, wet-rated, IP66
- DLC listed and certified for utility rebate incentives (where available) (Pending)



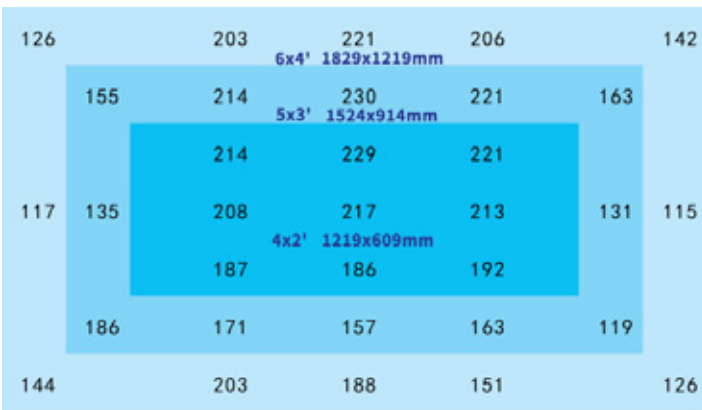
ENGINEERED TO OPTIMIZE INDOOR CULTIVATION.

The GH1 LED grow fixture provides full spectrum to benefit all growing stages.

OptiWav™ Spectrum



The GH1's Uniform Photosynthetic Photon Flux Density (PPFD) distribution for even plant growth.



GH1 59"/1500mm Mounting Height

Parameter/Metric	OptiFlux Spectrum
Input AC Voltage	100-277 or 277-480
Power	600 W
Power Factor	>0.90
PPF	1540 $\mu\text{mol/s}$
PPE	2.6 $\mu\text{mol/J}$
PFMp (Projected Lifetime)	Q90 > 45,000 hrs
Driver Lifetime	>50,000 hrs
Warranty	5 Year
Certifications	UL8800, FCC, RoHS, DLC
Fixture Dimensions w/ onboard driver	945mm x 120mm x 192mm (37.2" x 4.7" x 7.6")
Fixture Dimensions w/o onboard driver	945mm X 120mm X 102mm 37.2" X 4.7" X 4"
Fixture Weight w/ onboard driver	11.5 Kg (23.3 lbs)
Fixture Weight w/o onboard driver	5 Kg (11 lbs)
Beam angle	115°
Operating Temperature	-25 - +40 °C
IP Rating	IP66



- PF>0.9
- DIM 0-10V
- 50000H
- Broad Spectrum
- 100-277/347V
- IP65
- UL US LISTED UL8800



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