

120W LED



Technical Specifications

Input Power	120W
Voltage Range	120-277V
Power Factor	≥ 0.97
Input Frequency	50/60 Hz
Light Output: PPF	360 μmol/s
Efficacy	3.00 μmol/J
Spectrum	Full-Spectrum + Blue + Enhanced Red + Deep Far-Red
Beam Angle	150°
Dimming	0-10V analog
Mounting Height	6"-12" from canopy floor
Dimensions	1105 × 36 × 30 mm / 43.5 × 1.4 × 1.2 inch
Weight	2.5 kg / 5.5 lbs
Operating Temperature	0°C~35°C / 32°F~95°F
Operating Humidity	0%~95%
Water-Resistance	IP 65
Thermal Management	Passive
Lifetime L90	≥ 50,000 hrs
Warranty	3 Year Standard Warranty

120W LED Under Canopy Light

The ION 120W Under Canopy LED isn't just another light—it's the missing piece for serious cultivators. Built to energize canopy zones most fixtures miss, it delivers a spectrum tuned for cannabis with balanced blue, enhanced red, and deep far-red. The result: bigger yields, higher resin production, and more top-shelf flower from every run. With 360 μmol/s of output and 3.0 μmol/J efficiency, the ION 120W transforms the lower canopy from wasted space into a profit engine. ***Stand Sold Separately.**

Aluminum Housing

High Quality Led Diodes



Maximum
Power



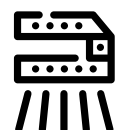
3 Year
Warranty



DLC listed
Peace-of-Mind



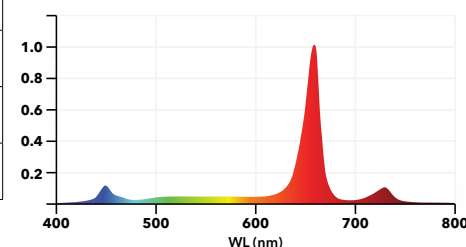
Lifetime L90
≥ 50,000 hrs



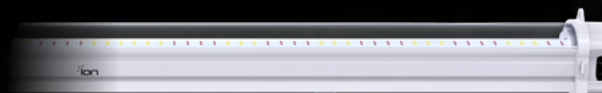
PPF ≈ 360 PPF
(μmol/sec)



Water Resistant
IP 65 Rating



LIGHT UP THE LOWERS. MAX OUT YOUR YIELD.



Under-Canopy Brilliance

Illuminate where it matters most. The ION 120W Under Canopy LED targets lower bud sites with a powerful, full-spectrum blend – unlocking the potential of shaded zones and transforming every inch of your canopy into a high-performance production layer.

Precision-Tuned Spectrum

Tuned with balanced blue, enhanced red, and deep far-red to stimulate photosynthesis and flower initiation. This scientifically refined spectrum drives uniform ripening, resin production, and expanded yields.

Why This Spectrum Matters

Enhanced Red and Deep Far-Red drive the Emerson Effect, boosting photosynthesis, flower initiation, and bud swell.

- Blue (450 nm) supports structure and node stacking.
- Green (~520 nm) improves light penetration through dense foliage.
- Red (660 nm) powers flowering and bud weight.
- Far-Red (730 nm) promotes uniform ripening and expanded yields.

Sustainable Efficiency

With an impressive efficacy of 3.0 μmol/J, the ION 120W Under Canopy LED delivers maximum usable light per watt – cutting energy costs without compromising performance. Its IP65-rated housing, passive cooling, and 0-10V dimming guarantee reliability in demanding commercial environments.

The Bottom Line

You've optimized your top lighting – now complete the spectrum. The ION 120W Under Canopy LED powers growth where light rarely reaches, driving heavier yields, improved uniformity, and measurable ROI in a single run.

Get Deep. Finish Heavy.