LIGHTING REIMAGINED

120W LED



COMMERCIAL GRADE

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 + Red + Far-Red
Beam Angle	150°
Dimming	0–10V analog
Control Interface	0–10V Controller Compatible
Mounting Height	6”–12” from canopy floor
Dimensions	1160 × 84 × 96 mm / 45.7 × 3.3 × 3.8 in
Weight	2.5 kg / 5.5 lbs
Operating Temperature	0°C~35°C / 32°F~95°F
Operating Humidity	0–95% RH
IP Rating	IP 65
Thermal Management	Passive cooling (no fan)
Lifetime L90	≥ 50,000 hrs
Safety Features	Short/open circuit, inrush protection
Warranty	5-Year Standard Warranty

Ionlight.com | Exclusively Distributed by ION Lighting.

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 blue, red, and 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

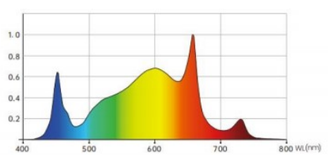
5 Year Warranty

DLC listed Peace-of-Mind

Lifetime L90 ≥ 50,000 hrs

PPF ≈ 360 PPF (µmol/sec)

Water Resistant IP 65 Rating



LIGHT UP THE LOWERS. 120W. 360 MMOL/S..



Under-Canopy Brilliance

Overhead lighting doesn’t reach every part of a dense canopy. The ION 120W Under-Canopy LED is designed to supplement light in lower plant zones, delivering full-spectrum output where overhead coverage is limited. Its linear design and 150° beam angle support light distribution beneath the main canopy..

Precision-Tuned Spectrum

The ION 120W combines full-spectrum light with blue, red, and far-red components to supplement lower-canopy lighting. With 360 µmol/s PPF and 0–10V analog dimming, growers can adjust light output to match their cultivation setup and lighting strategy.

Why This Spectrum Matters

Full-spectrum output with blue, red, and far-red components provides a range of wavelengths used in horticultural lighting. Positioned beneath the foliage, the fixture supplements overhead light in areas receiving less exposure. Its 150° beam angle supports broad light distribution throughout the lower-canopy zone.

Commercial-Grade Efficiency

Operating at 120W, the ION Under-Canopy LED delivers 360 µmol/s PPF at an efficacy of 3.0 µmol/J. Its IP65 rating, passive cooling (no fan), and 0–10V analog dimming support use in commercial cultivation environments. **Backed by a 5-Year Standard Warranty.**

The Bottom Line

Overhead fixtures handle the main canopy. The ION 120W brings supplemental light to the lower zones, with adjustable output, a 150° beam angle, and a five-year standard warranty. A practical lighting option for growers looking to improve light distribution beneath dense foliage.

Lighting Reimagined.

*Stand Sold Separately

Ionlight.com | Exclusively Distributed by ION Lighting.