

bios

Icarus™ LLi

EASY-TO-CLEAN
INSTALL IN SECONDS
OPTIMUM UNIFORMITY



Vertical Leafy Greens LED Lighting Solution 97W

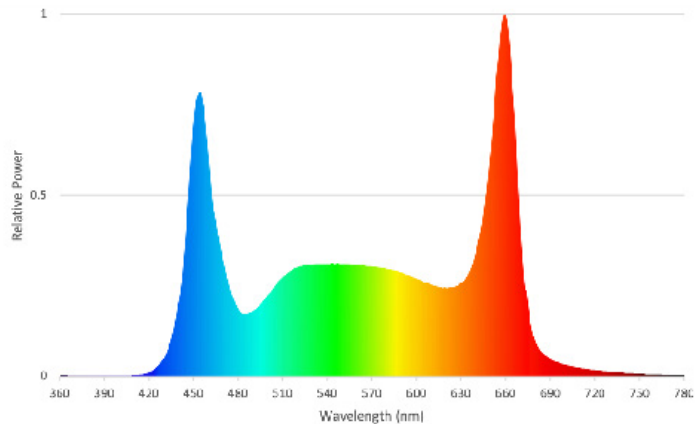
Exceptional PAR Output and PAR Efficacy

BIOS Icarus LLi LED low profile lighting solution allows you to make the most of your vertical farming square footage. Easy installation, exceptional output performance and unparalleled light uniformity seed the way for higher yields and increased profits.

Features and Benefits

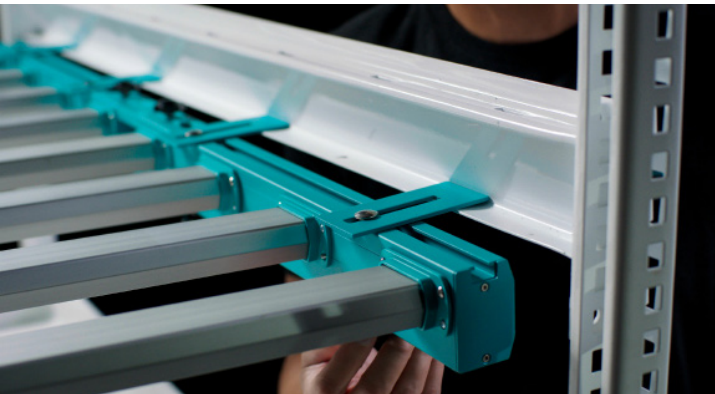
- + Fully assembled, industrial grade construction and durability.
- + Integrated RapidRack™ Mounting tabs for industry's fastest rack mounting.
- + Integrated T-slot mounting provides endless mounting options.
- + Optimized broad spectrum, dimmable light for all phases of plant growth and production.
- + Remote power supply for ease of installation.
- + Streamlined profile for maximum use of space.
- + Daisy chain up to 12 fixtures for efficiency and convenience.
- + Easy to clean glass lens and cleanable heatsink to maintain longevity.
- + Optimal for leafy green applications.

Scientifically Engineered Spectrum Maximizes Photosynthesis and Growth



Performance Summary

- + Fixture Wattage: 97 Watts
- + Voltage: 100-305VAC & 305-580VAC
- + Photosynthetic Photon Flux: 272 $\mu\text{mol/s}$
- + PAR Photon Efficacy ($\mu\text{mol PAR/J}$): 2.8 $\mu\text{mol/J}$
- + Ingress Protection: IP66
- + Warranty: 5 Year Limited



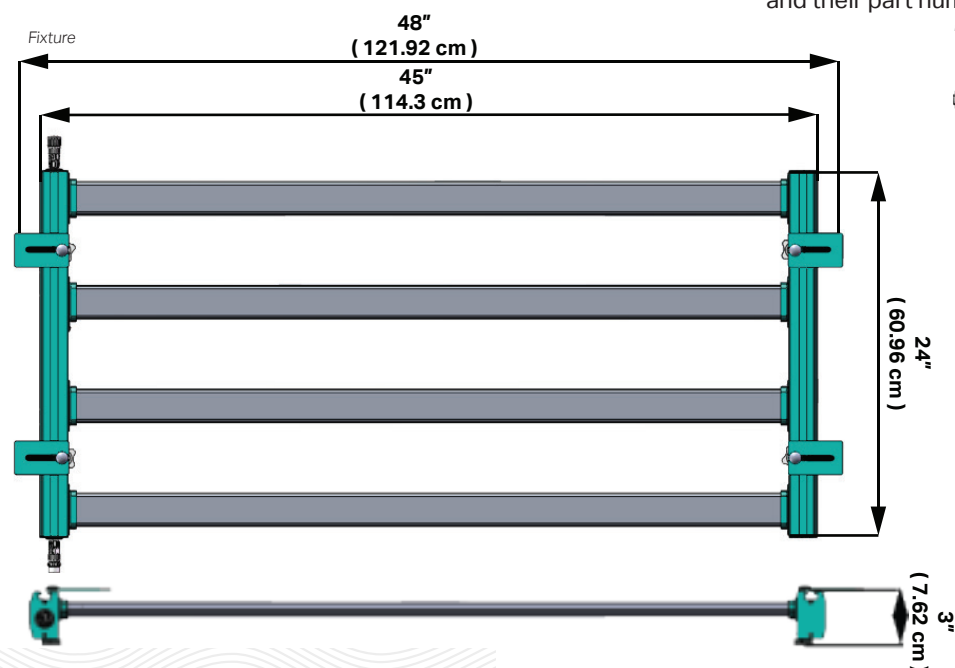
Fixture Specifications

APPLICATIONS	Indoor Racks, Shelves, Suspension	CERTIFICATIONS	UL8800, RoHS, FCC, DLC
INPUT VOLTAGE	100-305 VAC & 305-580 VAC	FIXTURE WATTAGE	97W
FIXTURE SIZE / WEIGHT US	45"L x 21.22"W x 3"H 13.8 lbs	POWER FACTOR	≥ 96%
FIXTURE SIZE / WEIGHT M	114.3 cm L x 53.9 cm W x 7.6 cm H 6.3 kg	PPF	272 μmol/s
POWER SUPPLY WEIGHT US	21.3"L x 7.76"W x 2.95"H 11.4 lbs	PAR EFFICACY	2.7 μmol/J @ 150W
POWER SUPPLY WEIGHT M	54.1 cm L x 19.7cm W x 7.5 cm H 5.2kg	THERMAL MNGMT	Passive Thermal Management
DIMMING SOURCE	300 uA (typical)	WARRANTY	5 Year Standard Limited
DIMMING PROTOCOL	0-10V I Dims to Off Linearly	LIGHT DISTRIBUTION	115 °
HOUSING AND FINISH	Anodized Aluminum & Tempered Glass	AMBIENT TEMP. RANGE	41°F-104°F (5°C-40°C)
MOUNTING TECHNIQUE	RapidRack Mounting, T-Slot Suspension	INGRESS PROTECTION	IP66
MOUNTING HEIGHT	4"-18" Above Plant Canopy - See Application Guide	PROJECTED LIFETIME	Q90: > 56000 hrs
SPECTRUM	Photosynthetically Optimized Broad Spectrum		

Available Accessories

Accessory	Part Number	Accessory	Part Number
(1) AC Jumper Cable	BP-0ACC-000-120003-1	(1) NEMA 5-15P	BP-0ACC-000-110001-1
(1) DC Jumper Cable	BP-0ACC-000-220001-1	(1) NEMA 6-15P	BP-0ACC-000-110002-1
(1) Dimmer Chain Pigtail	BP-0ACC-000-350001-1	(1) NEMA L6-15P	BP-0ACC-000-110003-1
(1) Dimmer Chain Jumper	BP-0ACC-000-350002-1	(1) NEMA L6-20P	BP-0ACC-000-110004-1
(1) Dimmer Chain T Cable	BP-0ACC-000-350003-1	(1) NEMA L7-15P	BP-0ACC-000-110005-1
(1) AC Power Chain Pigtail	BP-0ACC-000-140001-1	(1) NEMA L7-20P	BP-0ACC-000-110006-1
(1) AC Power Chain Jumper	BP-0ACC-000-140002-1	(2) T-Slot Cable Gripper Suspension Pack	BP-000B-000-TSLT01-1
(1) AC Power Chain T-Cable	BP-0ACC-000-140003-1	(2) T-Slot Unistrut Hanger for PSUs	BP-000B-000-TSLT02-1

Product Dimensions



*LLi is typically ordered in kits. Please see application guide for kits and their part numbers.

