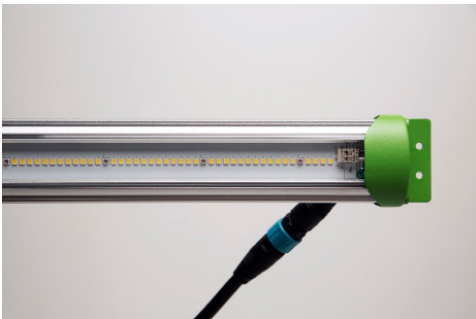


bios[®]

Icarus[®] Li

RELIABLE
EASY-TO-INSTALL
COST EFFECTIVE



Indoor - Top Light Applications

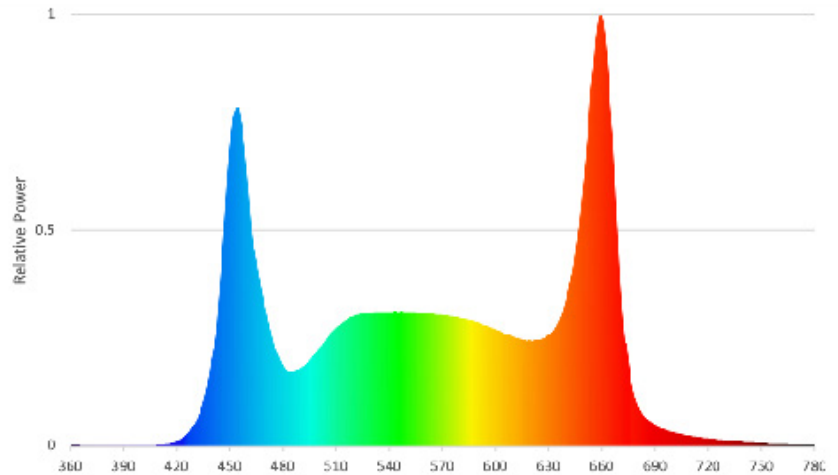
Premium PAR Output and PAR Efficacy

The BIOS Icarus Li LED grow light bars are a cost effective solution for vertical farming racking systems where multiple bars can be daisy chained and easily arranged according to desired light bar spacing.

Features and Benefits

- + Slim, lightweight design optimizes space and allows repositioning over the plant canopy in a variety of applications
- + Clip or end-cap L brackets allow easy installation into any racking system
- + Bars can be daisy chained by quick release connectors to a single power supply
- + LED bars can be installed at different densities to provide varies PPF levels

Scientifically Engineered Spectrum Maximizes Photosynthesis and Growth



Performance Summary

- + Fixture Wattage: 654Watts at 120v - 634Watts at 277v
- + Voltage: 110-277VAC & 277-480VAC
- + Photosynthetic Photon Flux: 1641 $\mu\text{mol/s}$
- + PAR Photon Efficacy ($\mu\text{mol PAR/J}$): 2.51 $\mu\text{mol/J}$
- + Ingress Protection: IP66
- + Warranty: 5 Year Limited

Fixture Specifications

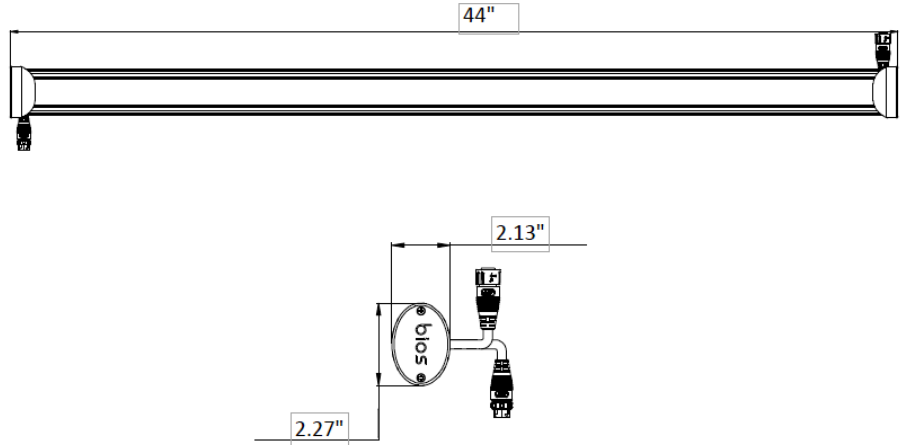
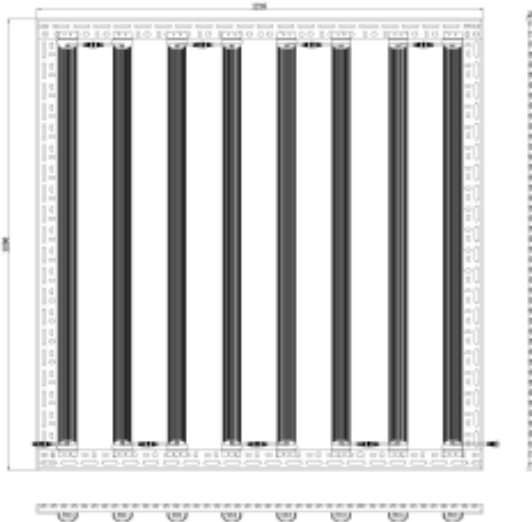
APPLICATIONS	Growth Chamber Vertical Farming	FIXTURE WATTAGE	654 Watts at 120W - 634Watts at 277W
INPUT VOLTAGE	Auto-sensing 110-277VAC & 277-480VAC	POWER FACTOR	> 95%
FIXTURE SIZE/WEIGHT US	44.0"L x 2.13"W x 2.27"H 3.5 lb (per bar)	PPF	1641µmol/s
FIXTURE SIZE/WEIGHT M	111.7 cm L x 5.4 cm W x 5.8 cm H 1.6 kg	PAR EFFICACY	2.51 µmol/J
DIMMING PROTOCOL	Linearly 0-10V Dims to Off	THERMAL MNGMT	Passive
HOUSING AND FINISH	Anodized clear	WARRANTY	5 Year Standard Limited
MOUNTING TECHNIQUE	Spring Clips	LIGHT DISTRIBUTION	125 °
MOUNTING HEIGHT	6"-24" Above Plant Canopy	AMBIENT TEMP. RANGE	41°F-104°F (5°C-40°C)
SPECTRUM	Photosynthetically Optimized Broad Spectrum	INGRESS PROTECTION	IP66
CERTIFICATIONS	UL8800, RoHS, FCC, DLC	PROJECTED LIFETIME	L90: > 56000 hrs

Available Accessories

Accessory	Part Number
(1) AC Jumper Cable	321-CABS-00043
(1) DC Jumper Cable	321-CABS-00002
(1) NEMA 5-15P	321-CABS-00040
(16) Spring Clips	321-BRKT-00001

Accessory	Part Number
(1) NEMA 6-15P	321-CABS-00041
(1) NEMA L6-15P	321-CABS-00038
(1) NEMA L6-20P	321-CABS-00039
(1) NEMA L7-15P	321-CABS-00042
(1) Li Shorting Jumper	321-CABS-00004

Product Dimensions (Single Fixture)



Mounting Hardware

Spring Clips | 2 per fixture (included)

