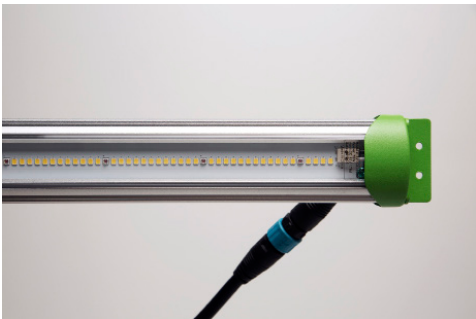


# bios<sup>®</sup>

## Icarus<sup>®</sup> Li

RELIABLE  
EASY-TO-INSTALL  
COST EFFECTIVE



## Indoor - Top Light Applications

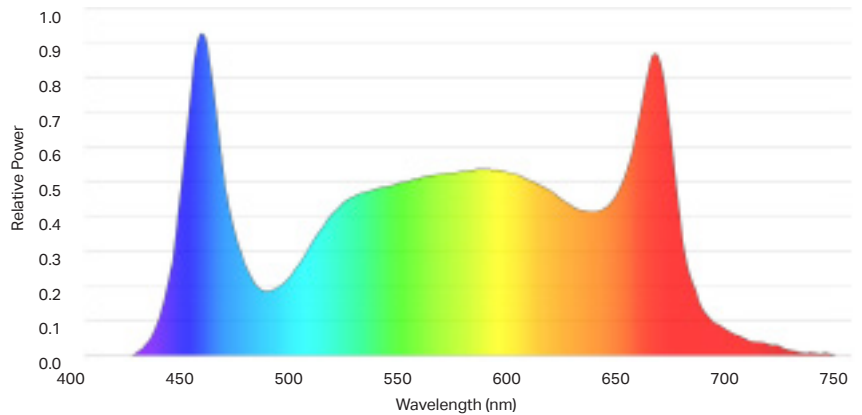
### Premium PAR Output and PAR Efficacy

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
- + 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

# BIOS<sup>®</sup> Icarus<sup>®</sup> Li

<b>APPLICATIONS</b>	Growth Chamber   Vertical Farming
<b>INPUT VOLTAGE</b>	Auto-sensing 110-277VAC & 277-480VAC
<b>FIXTURE SIZE / WEIGHT US</b>	44.0"L x 2.13"W x 2.27"H   3.5 lb (per bar)
<b>FIXTURE SIZE / WEIGHT M</b>	111.7 cm L x 5.4 cm W x 5.8 cm H   1.6 kg
<b>DIMMING PROTOCOL</b>	Linearly 0-10V   Dims to Off
<b>HOUSING AND FINISH</b>	Anodized clear
<b>MOUNTING TECHNIQUE</b>	Spring Clips
<b>MOUNTING HEIGHT</b>	6"-24" Above Plant Canopy
<b>SPECTRUM</b>	Photosynthetically Optimized Broad Spectrum
<b>CERTIFICATIONS</b>	UL8800, RoHS, FCC, DLC

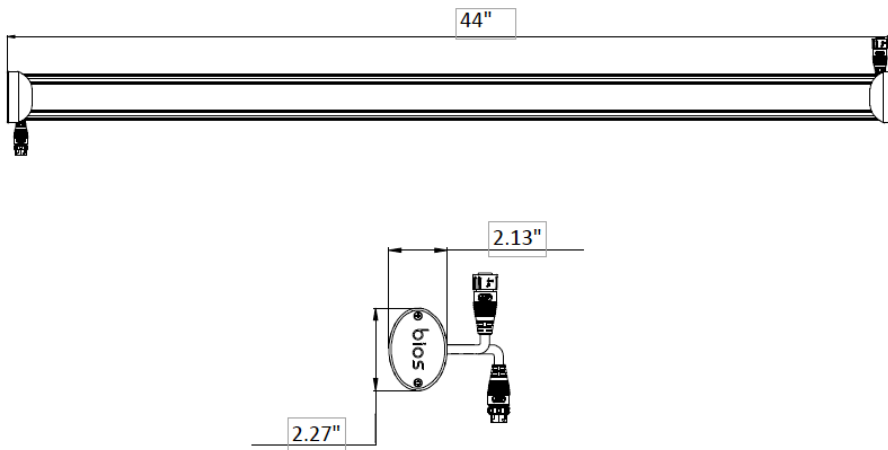
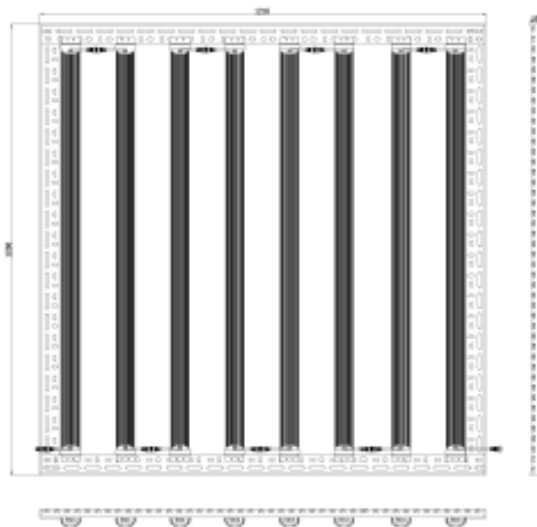
<b>FIXTURE WATTAGE</b>	654W
<b>POWER FACTOR</b>	> 95%
<b>PPF</b>	1641 μmol/s
<b>PAR EFFICACY</b>	2.51 μmol/J
<b>THERMAL MANAGEMENT</b>	Passive
<b>WARRANTY</b>	5 Year Standard Limited
<b>LIGHT DISTRIBUTION</b>	125 °
<b>AMBIENT TEMP. RANGE</b>	41°F-104°F (5°C-40°C)
<b>INGRESS PROTECTION</b>	IP66
<b>PROJECTED LIFETIME</b>	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)

