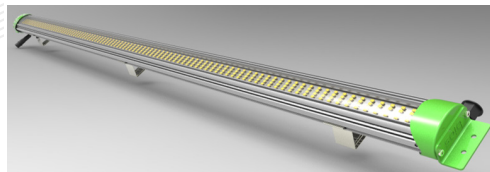# BIOS®
ICARUS® Li
2-Bar Assembly

INDOOR HERB AND
HOME GARDEN
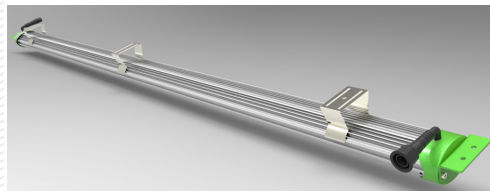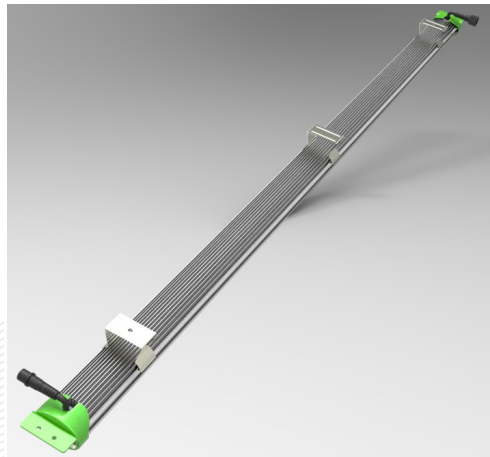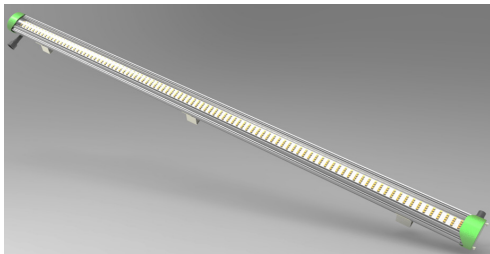
Residential and Indoor Garden

Premium PAR Output and PAR Efficacy

BIOS Icarus Li 2-Bar LED light bars are ideal for residential scale and DIY grow projects including school classroom projects and indoor home gardens. The Icarus Li 2-Bar system is also a cost effective solution for small-scale vertical farmiang racking systems.

Features and Benefits

+ Slim and lightweight design optimizes space and allows repositioning over the plant canopy for a variety of applications.
+ Metal spring clips allow for easy installation into any racking system.
+ Bars can be connected using quick release connectors to a single power supply.

Scientifically Engineered Spectrum Maximizes Photosynthesis and Growth

Li 2-Bar P/N: 321-KITS-00012
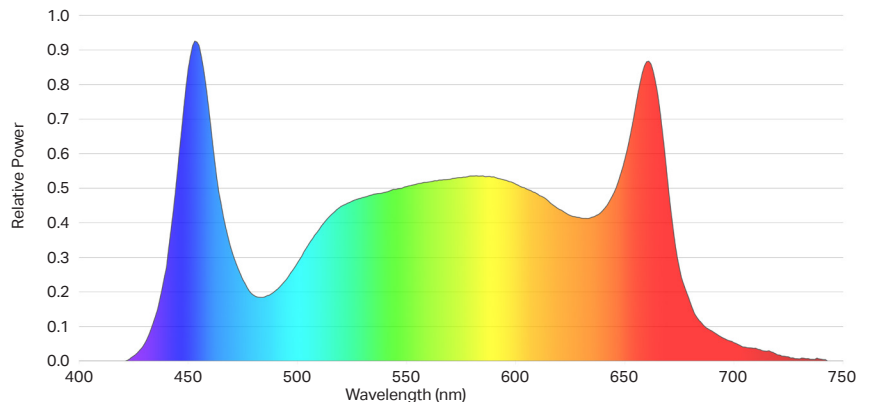
Performance Summary*

+ Fixture Wattage: 165Watts
+ Voltage: 90-305VAC
+ Photosynthetic Photon Flux: 400 µmol/s
+ PAR Photon Efficacy (µmol PAR/J): 2.43 µmol/J
+ Ingress Protection: IP65
+ Warranty: 5 Year Limited

* Performance tolerances (+/- 5%)

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BIOS® Icarus® Li
2-Bar Assembly

Specifications

APPLICATIONS	Growth Chamber | Vertical Farming	**FIXTURE WATTAGE**	165W
INPUT VOLTAGE	Auto-sensing 90-305VAC	**POWER FACTOR**	> 95%
FIXTURE SIZE / WEIGHT US	44.0"L x 2.13"W x 2.27"H | 3.5 lb	**PPF**	400 µmol/s
FIXTURE SIZE / WEIGHT M	111.7 cm L x 5.4 cm W x 5.8 cm H | 1.6 kg	**PAR EFFICACY**	2.43 µmol/J
DIMMING PROTOCOL	Linearly 0-10V Dim to Off	**THERMAL MANAGEMENT**	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**	IP65
CERTIFICATIONS	UL8800, RoHS, FCC	**PROJECTED LIFETIME**	L90: > 56000 hrs

Available Accessories

+ **(1) AC Jumper Cable** | 321-CABS-00043
+ **(1) NEMA 6-15P** | 321-CABS-00041

+ **(1) DC Jumper Cable** | 321-CABS-00002
+ **(1) NEMA L6-15P** | 321-CABS-00038

+ **(1) NEMA 5-15P** | 321-CABS-00040
+ **(1) NEMA L6-20P** | 321-CABS-00039

+ **(16) Spring Clips** | 321-BRKT-00001
+ **(1) NEMA L7-15P** | 321-CABS-00042

Product Dimensions (Single Fixture)
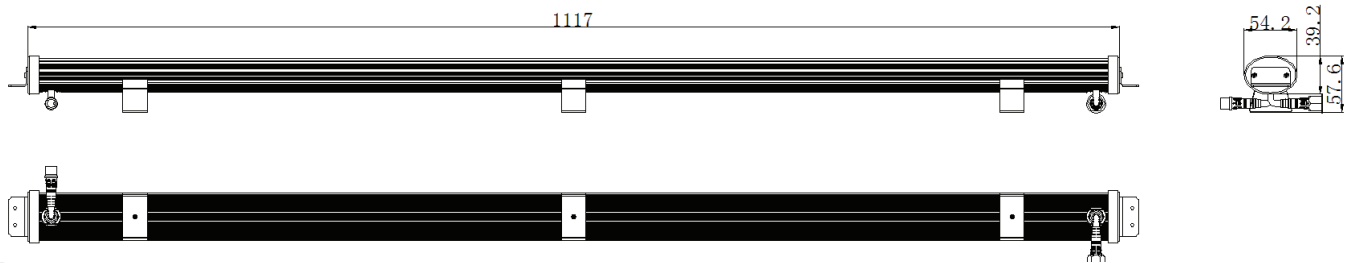
Mounting Hardware

Spring Clips | 2 per fixture (included)

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