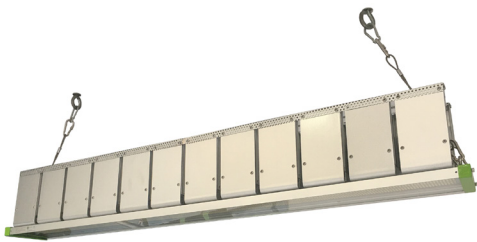


bios[®]

Icarus[®] Ti2

RELIABLE
EASY-TO-INSTALL
COST EFFECTIVE



Greenhouse - Top Light Applications

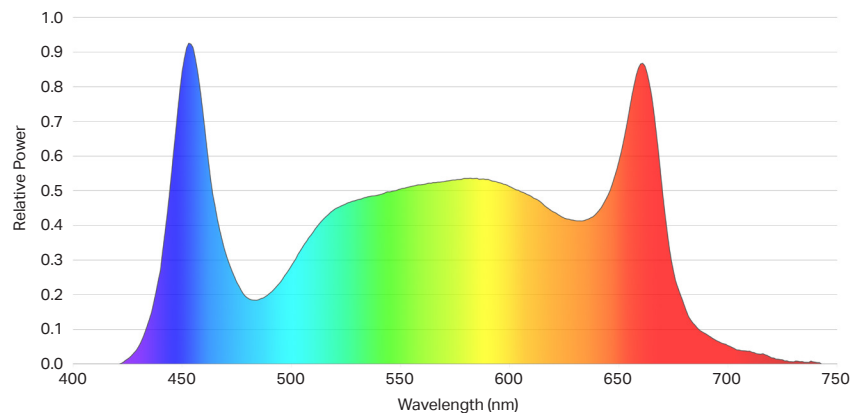
Superior PAR Output and PAR Efficacy

BIOS Icarus Ti2 LED grow lights offer maximum light output in a minimal footprint and durable form factor to boost crop production for greenhouse or indoor top light growing environments.

Features and Benefits

- + Fully assembled, industrial grade construction and durability.
- + Optimized broad spectrum, dimmable light for all phases of plant growth and production.
- + Remote 685W power supply (LED driver) for ease of installation.
- + Unique heat pipe thermal design allows for passive cooling, eliminating fans, moving parts, and noise.

Scientifically Engineered Spectrum Maximizes Photosynthesis and Growth



Performance Summary

- + Fixture Wattage: 685Watts
- + Voltage: 200VAC-480VAC
- + Photosynthetic Photon Flux: 1750 $\mu\text{mol/s}$
- + PAR Photon Efficacy ($\mu\text{mol PAR/J}$): 2.57 $\mu\text{mol/J}$
- + Ingress Protection: IP65
- + Warranty: 5 Year Limited

Specifications

BIOS[®] Icarus[®] Ti2

APPLICATIONS	Greenhouse Supplemental Lighting Indoor Top Light
INPUT VOLTAGE	200-480VAC
FIXTURE SIZE WEIGHT US	44.25"L x 4.88"W x 6.75"H 23 lbs
FIXTURE SIZE WEIGHT M	112.4cm L x 12.4cm W x 17.1cm H 10.4 kg
POWER SUPPLY SIZE WEIGHT US	15.75"L x 5.75"W x 2.3"H 11.6lbs
POWER SUPPLY SIZE WEIGHT M	40cm L x 14.61cm W x 5.84cm H 5.3kg
DIMMING SOURCE CURRENT	100uA (typical)
DIMMING PROTOCOL	0-10V I Dims to Off Linearly
HOUSING AND FINISH	Anodized clear
MOUNTING TECHNIQUE	Y-ft Gripple Hangers
MOUNTING HEIGHT	36"-96" Above Plant Canopy
SPECTRUM	Photosynthetically Optimized Broad Spectrum
CERTIFICATIONS	UL8800, RoHS, FCC
FIXTURE WATTAGE	685 W
POWER FACTOR	> 95%
PPF	1750 $\mu\text{mol/s}$
PAR EFFICACY	2.57 $\mu\text{mol/J}$
THERMAL MANAGEMENT	Passive heat pipe thermal management
WARRANTY	5 Year Standard Limited
LIGHT DISTRIBUTION	115 °
AMBIENT TEMP. RANGE	41°F-104°F (5°C-40°C)
INGRESS PROTECTION	IP65
PROJECTED LIFETIME	L90: > 56000 hrs

Product Dimensions

