



bios

Icarus™ Ti3

SPECTRALLY OPTIMIZED
EASY-TO-INSTALL
ENERGY EFFICIENT

Greenhouse - Top Light Applications 715W

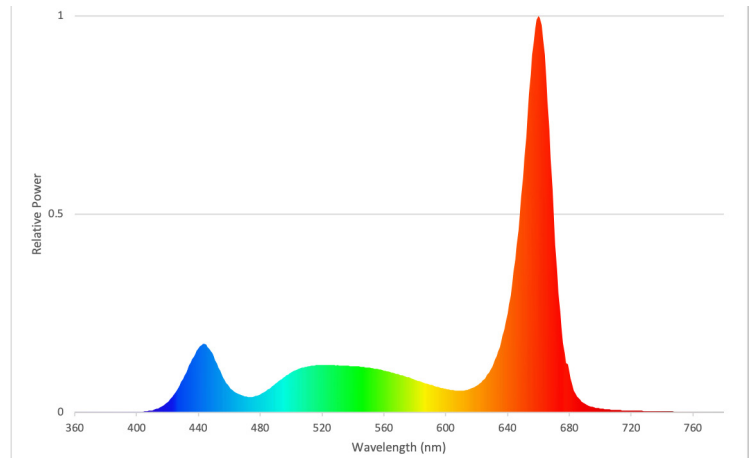
Exceptional PAR Output and PAR Efficacy

BIOS Icarus Ti3 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.
- + Industries most efficient white light spectrum.
- + Remote 715W 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: 715Watts @ 277VAC
- + Voltage: 100-305VAC, 305-580VAC
- + Photosynthetic Photon Flux: 2,150 $\mu\text{mol/s}$
- + PAR Photon Efficacy ($\mu\text{mol PAR/J}$): 3.0 $\mu\text{mol/J}$
- + Ingress Protection: IP66
- + Warranty: 5 Year Limited



Fixture Specifications

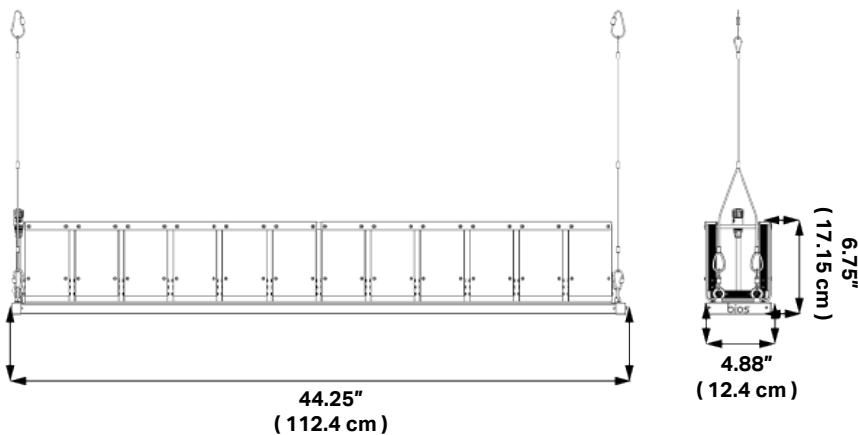
APPLICATIONS	Greenhouse Supplemental Lighting Indoor Top Light	CERTIFICATIONS	UL8800, RoHS, FCC, DLC
INPUT VOLTAGE	100-305VAC, 305-580VAC	FIXTURE WATTAGE	715W
FIXTURE SIZE / WEIGHT US	44.25"L x 4.88"W x 6.75"H 23 lbs	POWER FACTOR	≥ 95%
FIXTURE SIZE / WEIGHT M	112.4 cm L x 12.4 cm W x 17.1 cm H 10.4 kg	PPF	2,150µmol/s
POWER SUPPLY WEIGHT US	11.02"L x 5.67"W x 1.91"H 8.6lbs	PAR EFFICACY	3.0 µmol/J
POWER SUPPLY WEIGHT M	28.0 cm L x 14.4 cm W x 44.9 cm H 3.9kg	THERMAL MNGMT	Passive heat pipe thermal mngmt
DIMMING SOURCE CURRENT	300 uA (typical)	WARRANTY	5 Year Standard Limited
DIMMING PROTOCOL	0-10V I Dims to Off Linearly	LIGHT DISTRIBUTION	115 °
HOUSING AND FINISH	Anodized clear	AMBIENT TEMP. RANGE	41°F-104°F (5°C-40°C)
MOUNTING TECHNIQUE	Y-ft Gripple Hangers, Unistrut Hanger	INGRESS PROTECTION	IP66
MOUNTING HEIGHT	36"-96" Above Plant Canopy	PROJECTED LIFETIME	L90: > 100,000 hrs
SPECTRUM	Maximum Efficiency White Light Spectrum		

Available Accessories

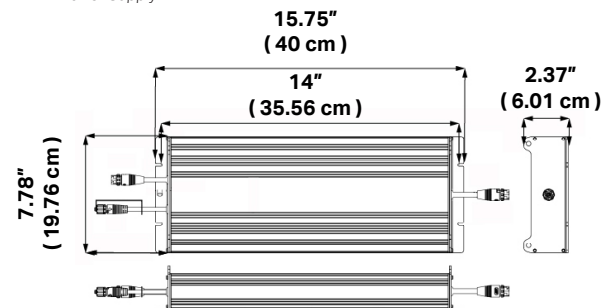
Accessory	Part Number	Accessory	Part Number
(1) DC Extension Cable 2.5 Meter	BP-0ACC-000-220002-1	Dimming Chain 'Y' Cable	321-CABS-00049
(1) AC Extension Cable 2.5 Meter	BP-0ACC-000-120003-1	Dimming Chain Jumper Cable; 2.5M	BP-0ACC-000-350002-1
NEMA 5-15P	BP-0ACC-000-110001-1	Hydro-X Controller w/ 3-in-1 Sensor (Temp/Humid/Light)	BP-0HYD-000-00HCS1-1
NEMA 6-15P	BP-0ACC-000-110002-1	Hydro-X Lighting Control Adaptor (0-10V Control Protocol)	BP-0HYD-000-00LMA14-1
NEMA L6-15P	BP-0ACC-000-110003-1	Hydro-X RJ12 to 3.5 Jack Converter Cable Set	BP-0HYD-000-00ECS2-1
NEMA L6-20P	BP-0ACC-000-110004-1		
NEMA L7-15P	BP-0ACC-000-110005-1		
NEMA L7-20P	BP-0ACC-000-110006-1		

Product Dimensions

Fixture



Power Supply



Cables

