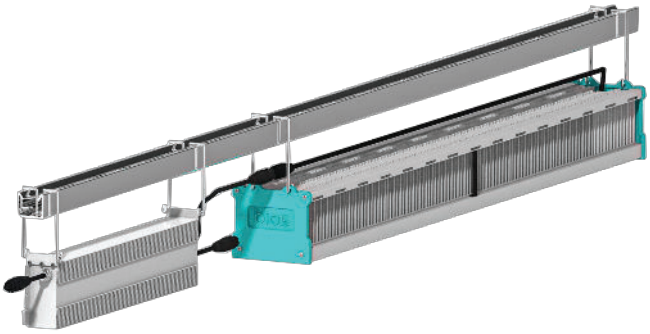
LUNA 1750

Engineered for Reliability

SPECTRALLY OPTIMIZED
EASY-TO-INSTALL
ENERGY EFFICIENT

Broad Spectrum Greenhouse Top Light

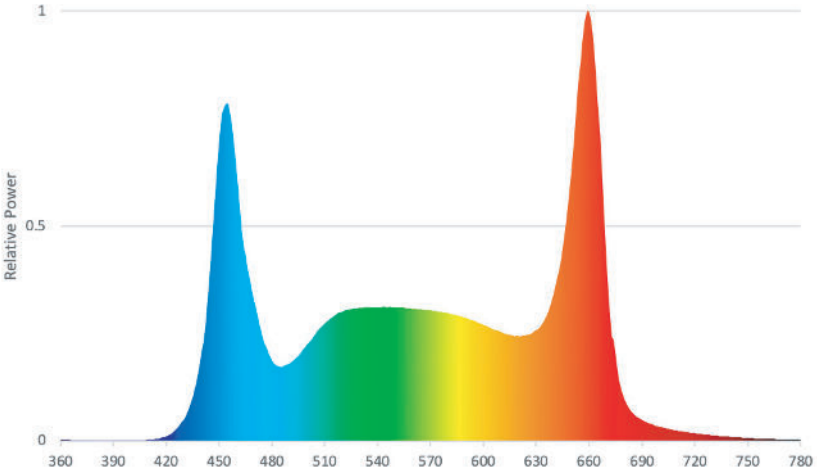




Features and Benefits

+ Fully assembled, industrial grade construction and durability.
+ Optimized broad spectrum, dimmable light for all phases of plant growth and production.
+ Remote power supply (LED driver) for flexible mounting.
+ Cold-forged aluminum heat sink allows for passive cooling, eliminating fans, moving parts, and noise.

Scientifically Engineered Spectrum Maximizes Photosynthesis and Growth



Performance Summary

+ Fixture Wattage: 635W
+ Voltage: 120-277 VAC and 277-580 VAC
+ Photosynthetic Photon Flux: 1750 µmol/s
+ PAR Photon Efficacy (µmol PAR/J): 2.76 µmol/J
+ Ingress Protection: IP66
+ Warranty: 7 Year Limited

bioslighting.com
(321) 260-2467
info@bioslighting.com

Specifications and dimensions subject to change without notice.
Contact BIOS for questions and the most current information.

BIOS ® Luna 1750

Fixture Specifications

APPLICATIONS	Greenhouse Supplemental Lighting | Indoor Top Light	**CERTIFICATIONS**	cETLus, RoHS, FCC, DLC
INPUT VOLTAGE	120-277V or 277-580V	**FIXTURE WATTAGE**	635W
FIXTURE SIZE / WEIGHT US	37.87" L x 4.57" W x 4.12" H | 12.2 lbs	**POWER FACTOR**	> 95%
FIXTURE SIZE / WEIGHT M	96.19 cm L x 11.6 cm W x 10.46 cm H | 5.53 kg	**PPF**	1750 µmol/s
POWER SUPPLY / WEIGHT US	17" L x 2.58" W x 4.08" H | 7.4 lbs	**PAR EFFICACY**	2.76 µmol/J
POWER SUPPLY / WEIGHT M	43.18 cm L x 6.55 cm W x 10.36 cm H | 3.36 kg	**THERMAL MANAGEMENT**	Passive Thermal Management
DIMMING SOURCE CURRENT	100uA (typical) | Provides Source Current	**WARRANTY**	7 Year Fixture, 5 Year PSU
DIMMING PROTOCOL	0-10V | Dims to Off Linearly | Provides Source Current	**LIGHT DISTRIBUTION**	120 °
HOUSING AND FINISH	Cold-forged Aluminum and Tempered Glass	**AMBIENT TEMP. RANGE**	41°F-104°F (5°C-40°C)
MOUNTING TECHNIQUE	Unistrut Brackets or Gripple Hangers	**INGRESS PROTECTION**	IP66
MOUNTING HEIGHT	36"-96" Above Plant Canopy	**REPORTED LIFETIME**	Q90: 50,000 hrs
SPECTRUM	Optimized Broad Spectrum for Photosynthesis		

Available Accessories

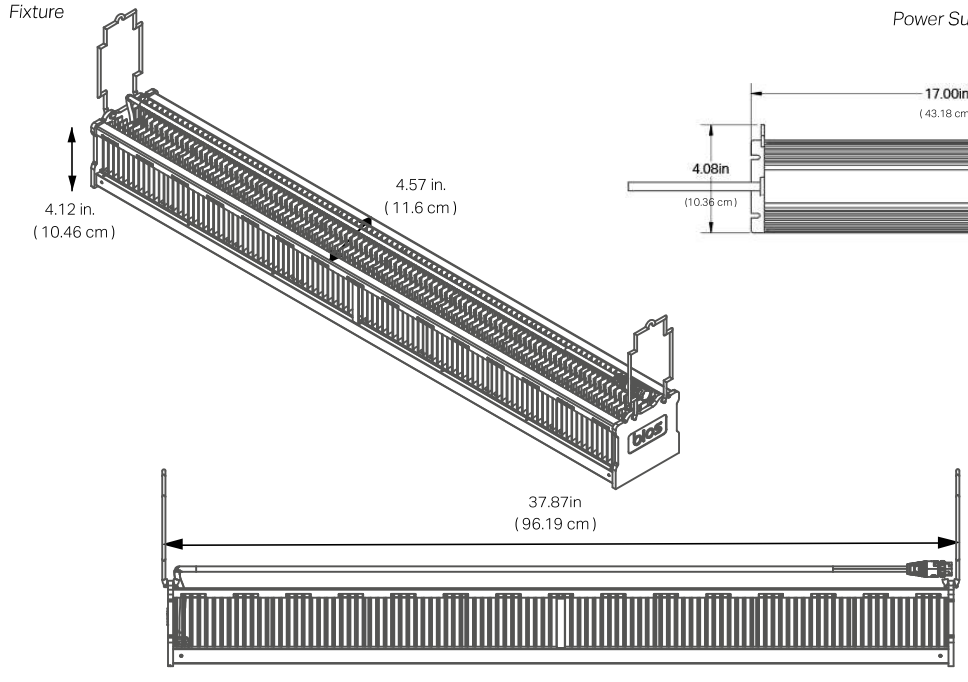
(Your fixture purchase includes the power supply, PSU connectors, and 4 hanging brackets for Unistrut.)

Accessory	Part Number
(1) AC Jumper Cable	BP-0ACC-000-120003-1
(1) DC Jumper Cable	BP-0ACC-000-220001-1
(1) Dimmer Chain Pigtail	BP-0ACC-000-350001-1
(1) Dimmer Chain Jumper	BP-0ACC-000-350002-1
(1) Dimmer Chain T Cable	BP-0ACC-000-350003-1
(1) AC Power Chain Pigtail	BP-0ACC-000-140001-1
(1) AC Power Chain Jumper	BP-0ACC-000-140002-1
(1) AC Power Chain T-Cable	BP-0ACC-000-140003-1

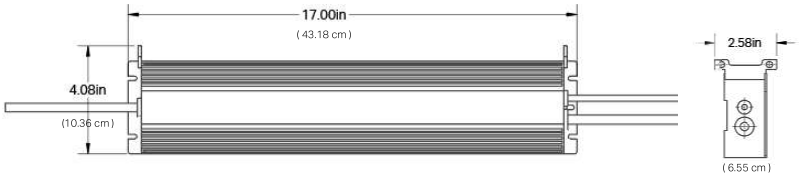
Accessory	Part Number
AC Pigtail	BP-0ACC-000-120001-1
(1) NEMA 5-15P	BP-0ACC-000-110001-1
(1) NEMA 6-15P	BP-0ACC-000-110002-1
(1) NEMA L6-15P	BP-0ACC-000-110003-1
(1) NEMA L6-20P	BP-0ACC-000-110004-1
(1) NEMA L7-15P	BP-0ACC-000-110005-1
(1) NEMA L7-20P	BP-0ACC-000-110006-1
(2) Small Y Gripple Hangers	BP-000B-000-YKAB02-1

Product Dimensions

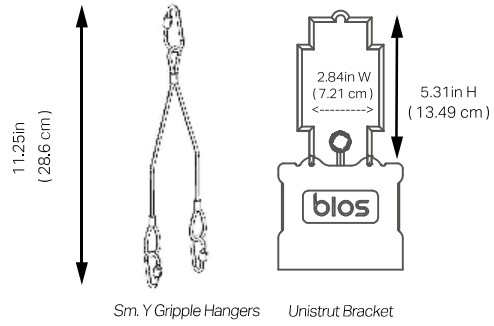
Fixture



Power Supply



Mounting Hardware



Sm. Y Gripple Hangers *Unistrut Bracket*