

bios

1750 Endeavour™

HIGH OUTPUT
— INSTALLS IN SECONDS
ENERGY EFFICIENT



Indoor + Vertical LED Grow Light Solution



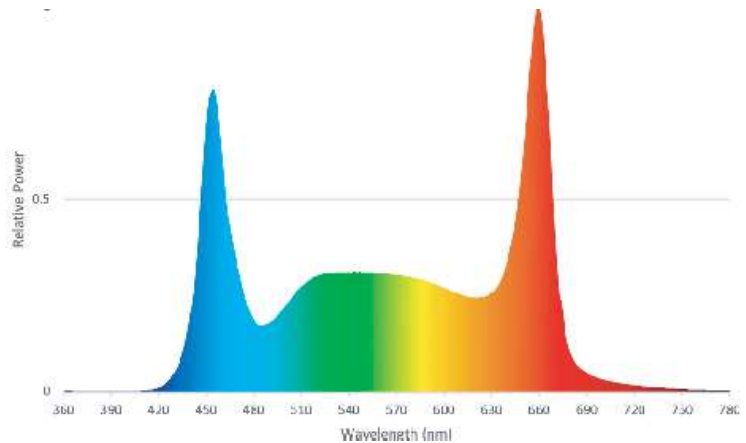
Unmatched Performance And Ease Of Use

The 1750 Endeavour™ is an energy efficient and high output indoor grow light solution. With multiple mounting options including the RapidRack™ system, the Endeavour was designed with the grower in mind. The Endeavour brings lighting versatility that is naturally brilliant.

Features and Benefits

- + Industrial grade construction and durability.
- + Installs in seconds with our new RapidRack mounting system.
- + Optimized broad spectrum, dimmable light for all phases of plant growth and production.
- + Remote or onboard power supply.
- + Minimal profile fixture for maximum use of space.
- + Daisy chainable for efficiency and convenience.
- + Easy to clean glass lens and smooth backed fixture to maintain longevity.
- + Minimal profile fixture for maximum use of space.

Scientifically Engineered Spectrum Maximizes Photosynthesis and Growth



Performance Summary

- + Fixture Wattage: 650 Watts @ 277VAC
- + Voltage: 120-277VAC
- + Photosynthetic Photon Flux (PPF): 1,750 $\mu\text{mol/s}$
- + PAR Photon Efficacy ($\mu\text{mol PAR/J}$): 2.7 $\mu\text{mol/J}$ @ 277 VAC
- + Ingress Protection: IP66
- + Warranty: **7 Year Fixture, 5 Year PSU**

Fixture Specifications

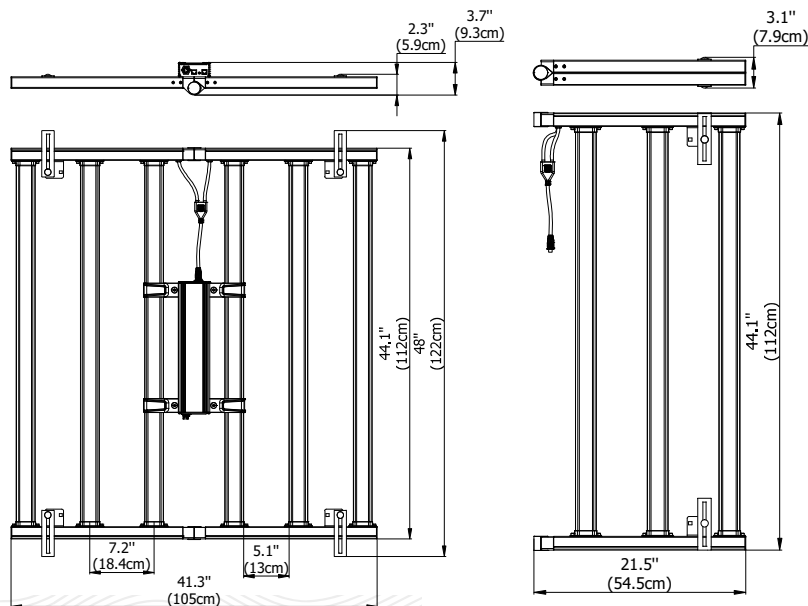
APPLICATIONS	Indoor Racks, Suspension	CERTIFICATIONS	cETLus, RoHS, FCC
INPUT VOLTAGE	120-277 VAC	FIXTURE WATTAGE	650W @ 277VAC
FIXTURE SIZE / WEIGHT US	48"L x 41.3"W x 3.7"H 11lbs	POWER FACTOR	≥ 97%
FIXTURE SIZE / WEIGHT M	122 cm L x 105 cm W x 9.3 cm H 5tkg	PPF	1,750 μmol/s
POWER SUPPLY WEIGHT US	15.6"L x 11.2"W x 2.6"H 8lbs	PAR EFFICACY	2.70 μmol/J @ 277VAC
POWER SUPPLY WEIGHT M	39.5 cm L x 28.5cm W x 6.5 cm H 3.6kg	THERMAL MNGMT	Passive Thermal Management
DIMMING SOURCE CURRENT	150 uA (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	Coated Aluminum & Tempered Glass	AMBIENT TEMP. RANGE	41°F-104°F (5°C-40°C)
MOUNTING TECHNIQUE	RapidRack Mounting, Suspension	INGRESS PROTECTION	IP66
MOUNTING HEIGHT	6"-12" Above Plant Canopy	REPORTED LIFETIME	Q90: > 60000 hrs
SPECTRUM	Photosynthetically Optimized Broad Spectrum		

Available Accessories

Accessory	Part Number	Accessory	Part Number
(1) AC Jumper Cable	BP-0ACC-000-120003-1	(1) AC Pigtail	BP-0ACC-000-120001-1
(1) DC Jumper Cable	BP-0ACC-000-220001-1	(1) NEMA 5-15P	BP-0ACC-000-110001-1
(1) Dimmer Chain Pigtail	BP-0ACC-000-350001-1	(1) NEMA 6-15P	BP-0ACC-000-110002-1
(1) Dimmer Chain Jumper	BP-0ACC-000-350002-1	(1) NEMA L6-15P	BP-0ACC-000-110003-1
(1) Dimmer Chain T Cable	BP-0ACC-000-350003-1	(1) NEMA L6-20P	BP-0ACC-000-110004-1
(1) AC Power Chain Pigtail	BP-0ACC-000-140001-1	(1) NEMA L7-15P	BP-0ACC-000-110005-1
(1) AC Power Chain Jumper	BP-0ACC-000-140002-1	(1) NEMA L7-20P	BP-0ACC-000-110006-1
(1) AC Power Chain T-Cable	BP-0ACC-000-140003-1	(2) Large Y Hangers	BP-000B-000-YKAB01-1

Product Dimensions

Fixture



Power Supply

