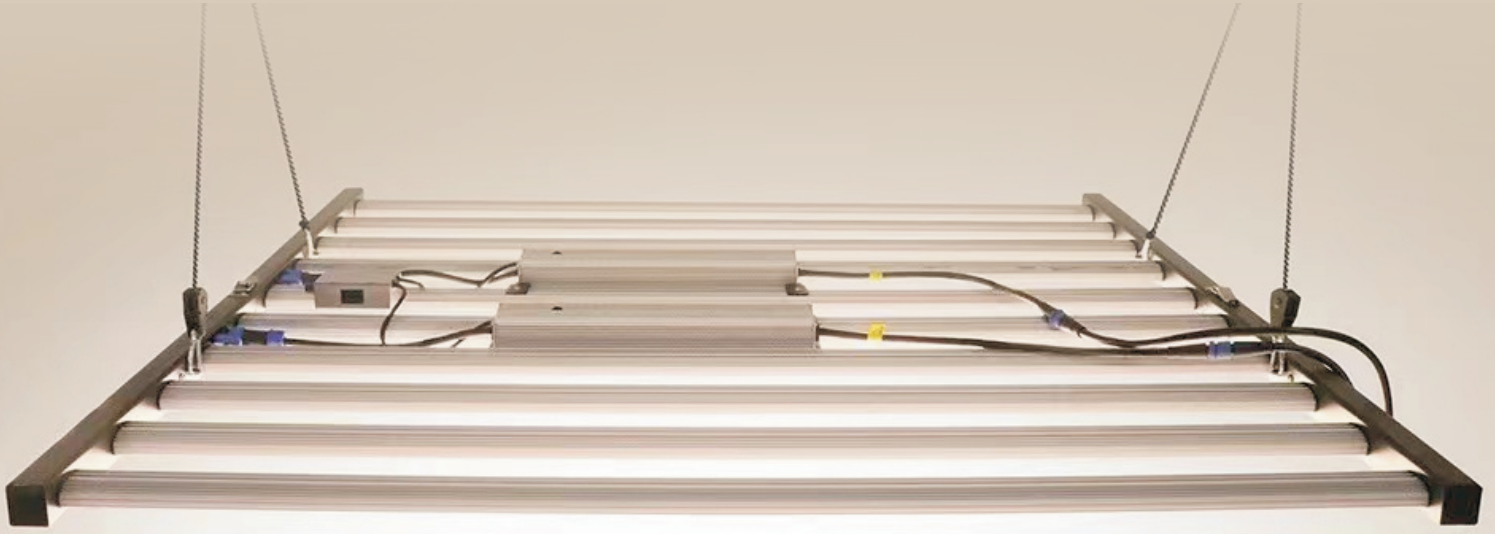


LED Grow Light



Onward ™
TECH INC

Product Description



 Guided by experts from American universities

 La Warehouse

 **5 YEARS** WARRANTY

High Yield Full Spectrum LED Grow Light
Up to 2.8-3.0umol/j
640W/660W/720W/960W

Full Spectrum/Wide Beam Area/High Power

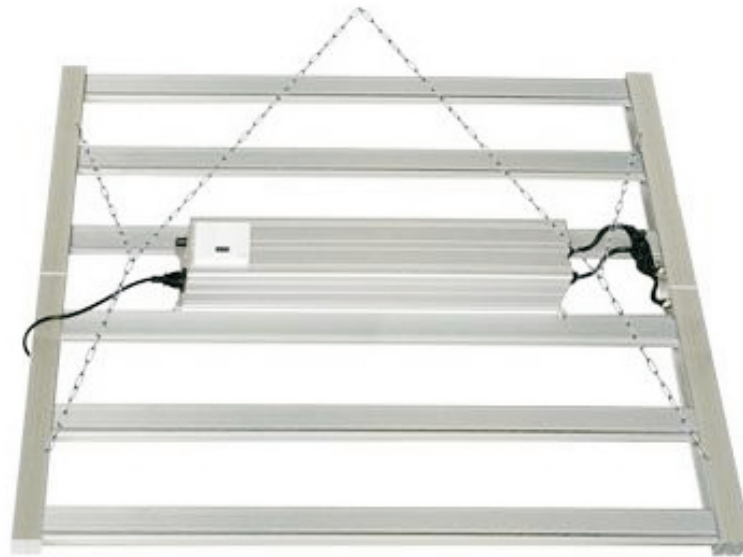
Craftsman
Full Spectrum

Factory Direct supply
Favorable Price

Quality
Trustworthy product

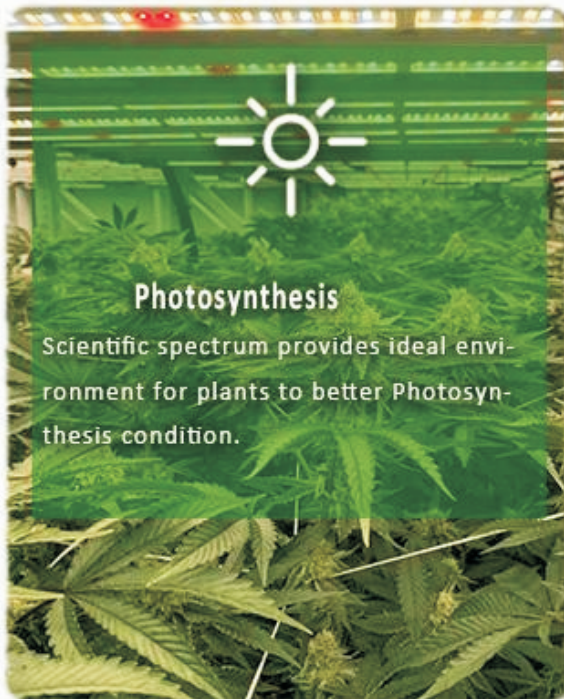
No worry after Sales
Credible Management

Product Display



Input voltage 100-277VAC 50/60Hz. No UV or IR in the beam. Output constant current level can be adjusted through output cable with 0-10V. Easy to install and operate. Energy saving, long lifespan. Light is soft and uniform, safe to eyes. Instant start, NO flickering, NO humming. Can be connected in parallel 20 according to customer requirements. Green and eco-friendly without mercury.

Functions and Advantages of LED Grow light





GIELIGHT

Onward

LED CHIP: SAMSUNG/OSRAM/BRIGELUX

NUMBER OF LEDS : 2616PCS

EFFICACY : 2.8 umol/J

AVERAGE PPF : HIGH

MAX YIELD : 2.8-3.0 g/w

DAISY CHAIN: ✓



OTHER

POWER : 650W

LED CHIP: NOT FAMOUS BRAND 2835

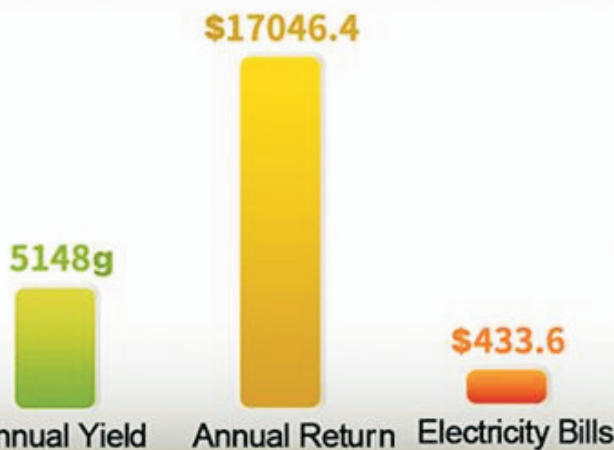
NUMBER OF LEDS : 720PCS

EFFICACY : 2.3 umol/J

AVERAGE PPF : LOW

MAX YIELD : 1.4 g/w

DAISY CHAIN: ✗



One Grow Cycle: 3-4 Months

Operating Hours: 18h



Electricity Rate: 0.1 US\$/Watt

Commercial Growing

Precise and Uniform Lighting for Indoor Racks



660W SPECIFICATION:

Personal Grow: 5*5FT

Commercial Grow: 4*4FT

Input Power: 660W ±5%

Input Voltage: 100-277V

AMP: 5.478A@AC120V, 2.648A@AC240V, 2.310A@AC277V

LUMEN: 123240.9 ±5%@AC120V

123161.3 ±5%@AC240V, 123080.9 ±5%@AC277V

Light Size: 45.4*43.3*2.6IN (L1135*W1100*H65MM) 6Bars

Tent Growing



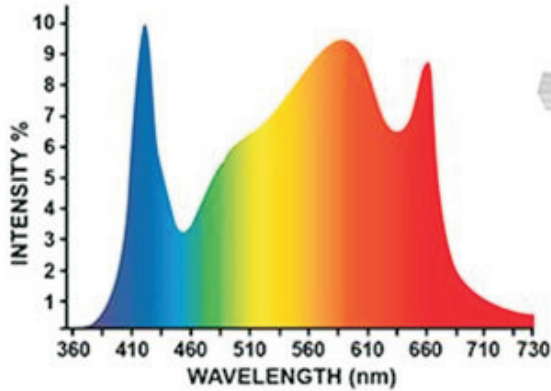
25%↑

Higher Reflectivity

More Light Output (PPFD)

GROW TENT 5*5ft

FULL SPECTRUM FOR ENHANCED PLANT GROWTH



Energy Saving and Easy HVAC :

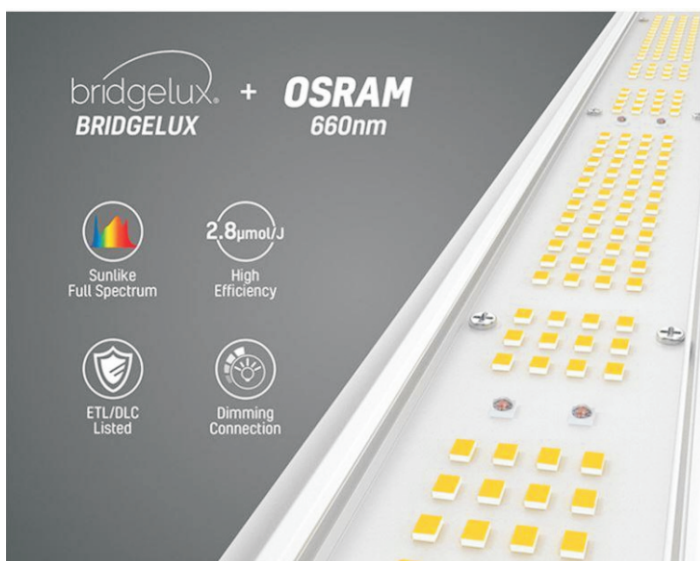
High Performance:



Up to 40% energy saving



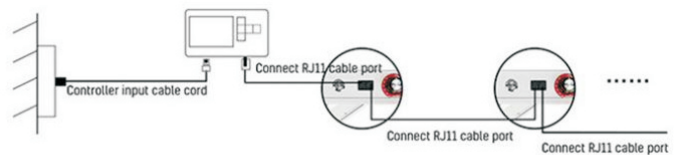
40% less HVAC requirement



Knob + RJ11 Port Dimming

RJ port(wire dimming)

Group control with external controller

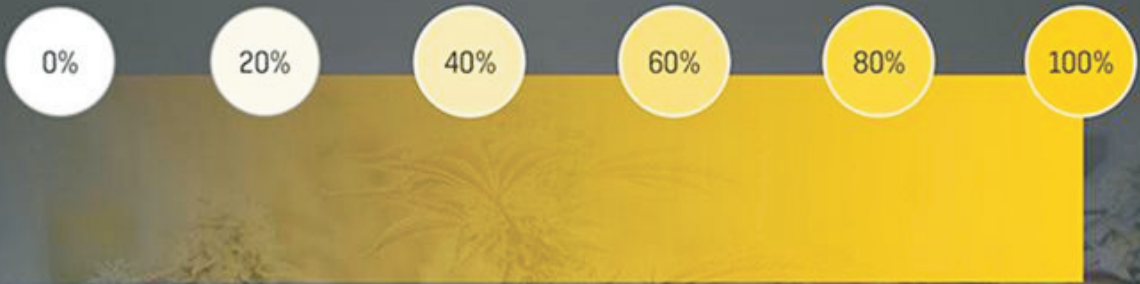




Dimmable

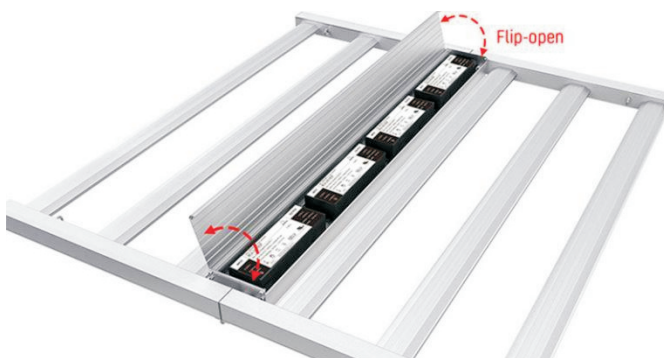
0-10V dimmable option is available.

The optics are factory installed and meet IES Lateral Distribution 120° beam angle.



Flip-open design

Flip-open design easy to open driver box , it is convenient to maintain and replace

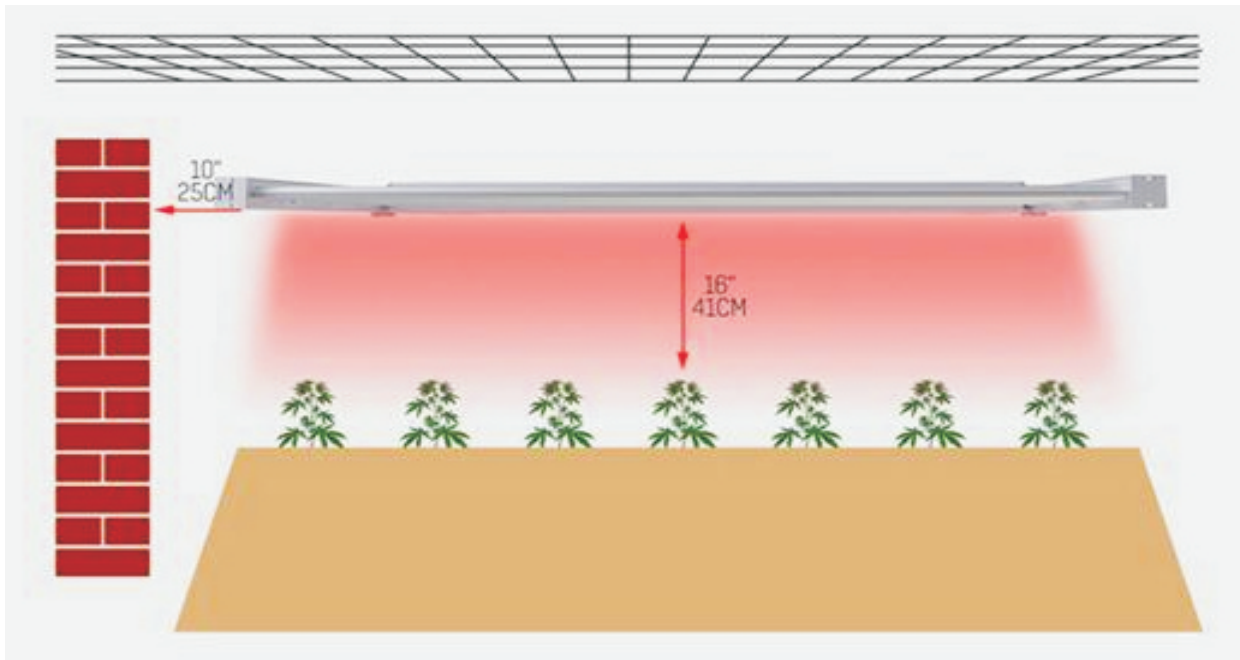


Full-Body Aluminum Heatsink

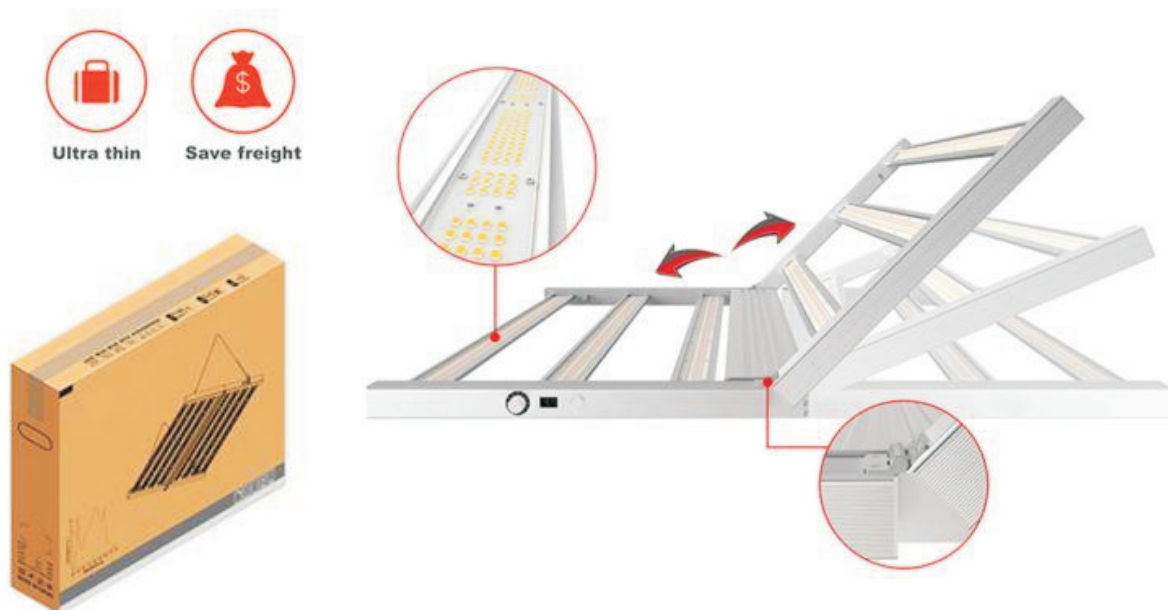


Ultrathin

Mount the light bars at east 16”(41CM) from the top of your canopy for optimal light efficiency and uniformity. Always allow for adequate ventilation of fixture.



Folding design for easy & fast installation



Packing List



Production procedures



Product heat sink can be customized according to customer requirements



Production details
Craftsmanship by professional hands, safe production.



Daily exporting view



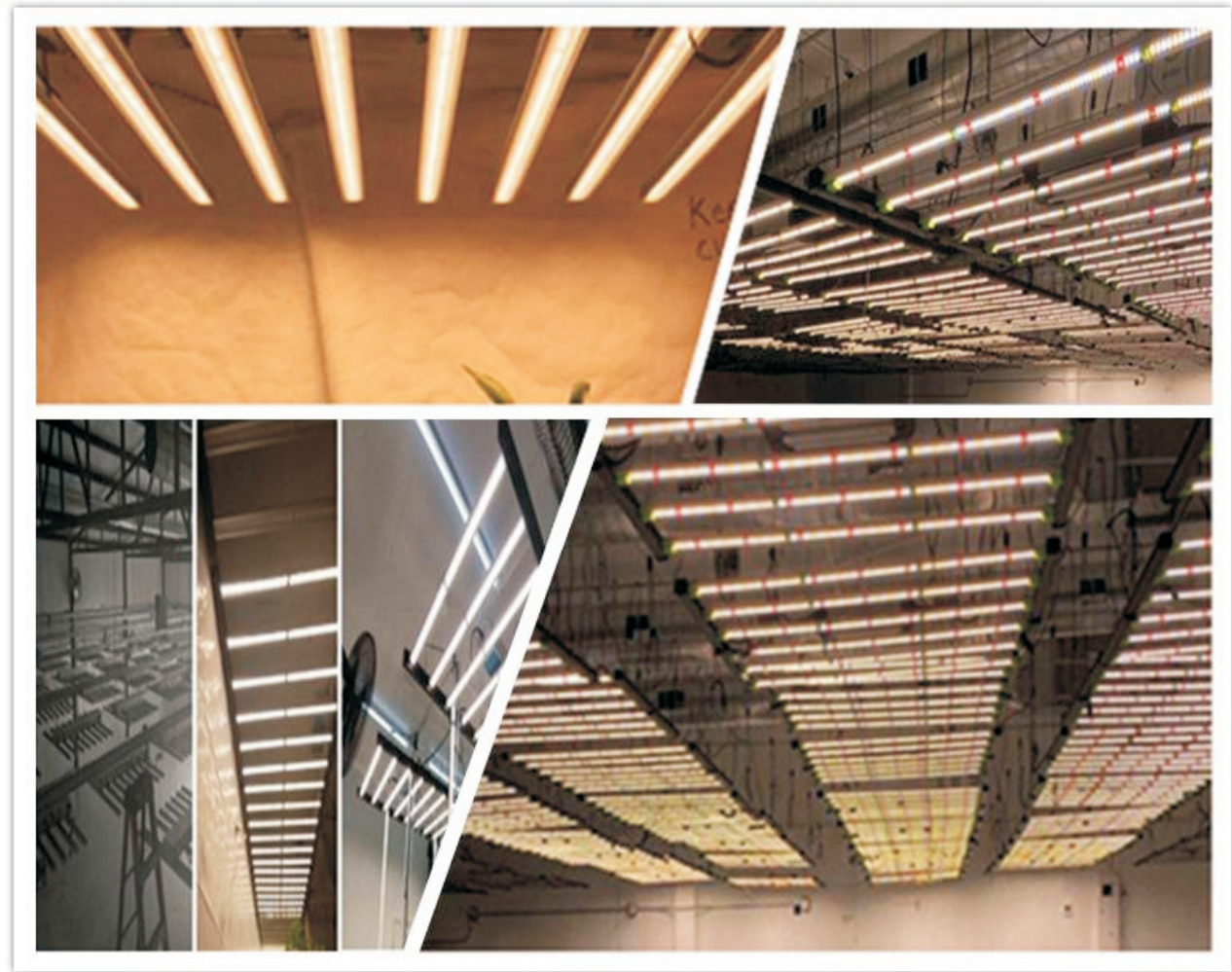
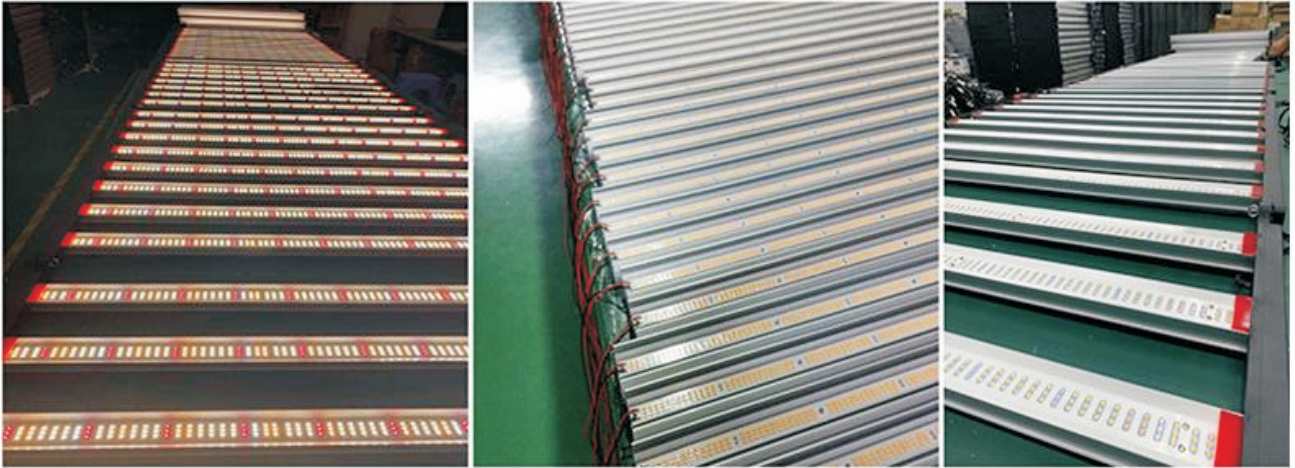
Each of finished products has 100% aging test



Products packing



Second inspection before exporting.



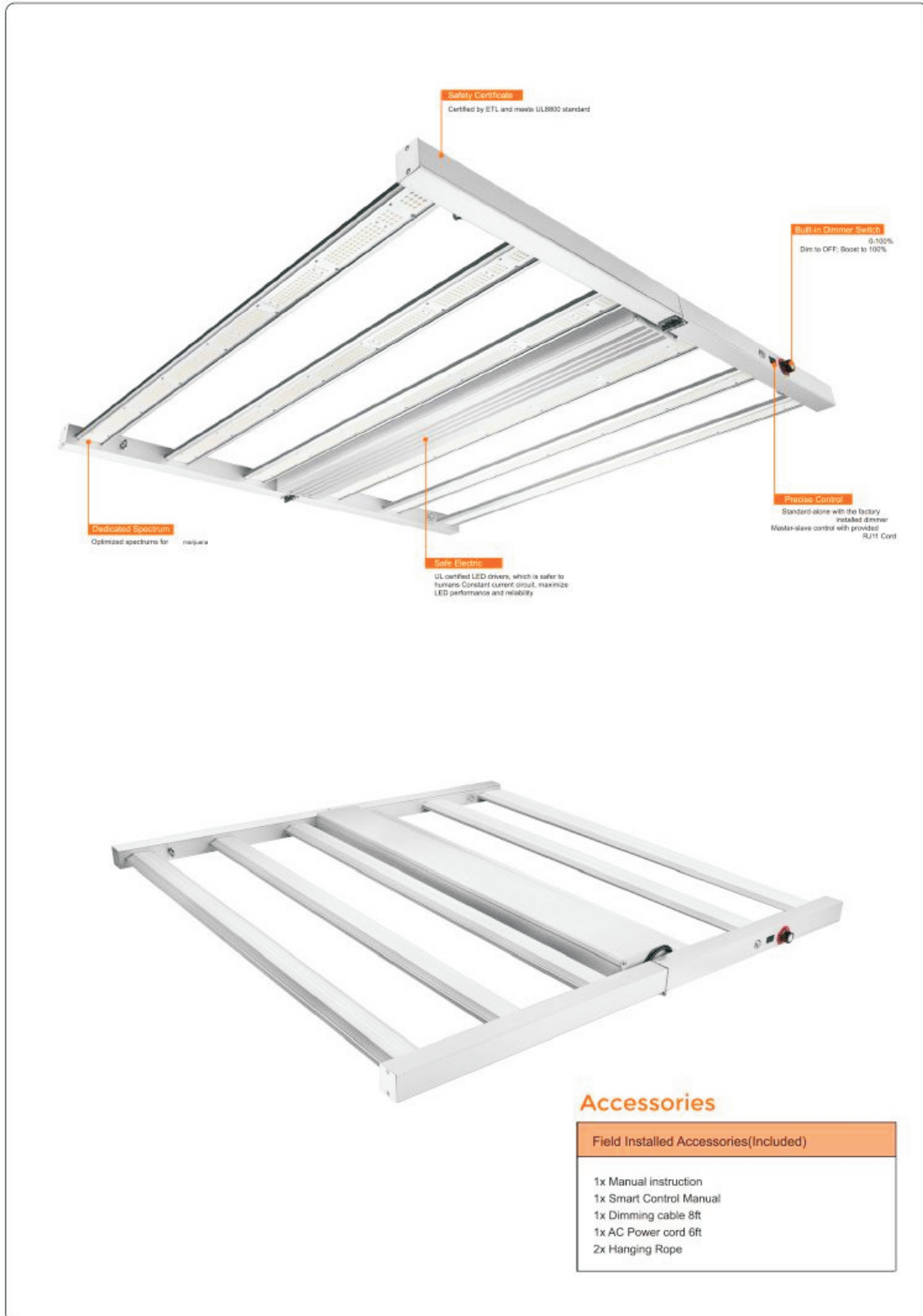


Features & Benefits

- Input voltage 100-277VAC 50/60Hz.
- No UV or IR in the beam.
- Output constant current lever can be adjusted through output cable with 0-10V.
- Easy to install and operate.
- Energy saving, long lifespan.
- Light is soft and uniform, safe to eyes.
- Instant start, NO flickering, NO humming.
- Can be connected in parallel 20 according to customer requirements.
- Green and eco-friendly without mercury.

Intended Applications

- Green House;
- Vertical Farming;
- Marijuana Cultivation



640W

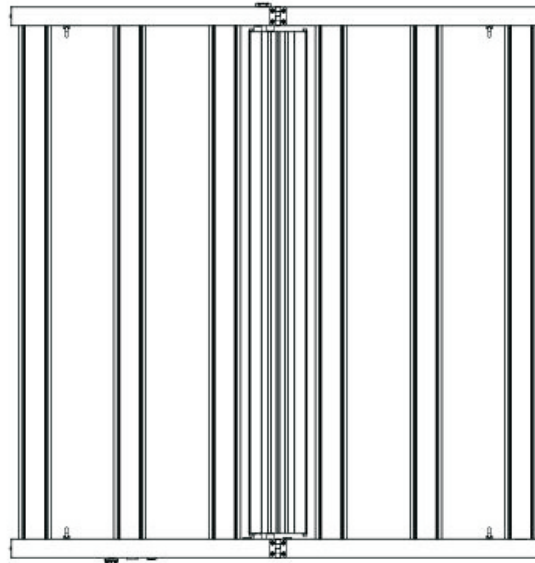
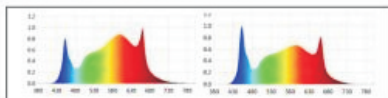
Features & Benefits

Input Power	640W	Dimming	0-10V Dimming
Photosynthetic photon flux	1792 $\mu\text{mol/s}$	LED Type	SMD2835+SMD3030
Luminous Efficacy	2.8 $\mu\text{mol/J}$	Housing	Aluminum Alloy
Viewing Angle	120°	Housing Color	Silver
Spectrum	Full Spectrum	IP Rating / Environment	IP54 / Damp Location
CRI	>80(white)	Operating Temperature	-40°C to +50°C
Input Voltage	100-277VAC 50/60Hz	Operating Humidity	10%-90 % RH
PF	>0.9	Storage Temperature	-40°C to +80°C
THD	<15%	Storage Humidity	10%-95 % RH
Driver Surge protection	L/N-PE: 6kV, L-N: 4kV	Warranty Time	5 Years warranty with 24/7 operating hours Luminaire lifetime at 25°C

Performance Data

Model	Input Voltage	Input Power	PPF	PPE	ETL	DLC
OW-640W-L-H	AC100-277V	640W	1792 $\mu\text{mol/s}$	2.8 $\mu\text{mol/J}$	Yes	Yes

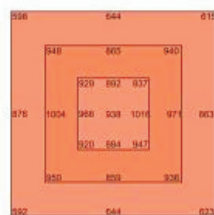
Spectral Distribution



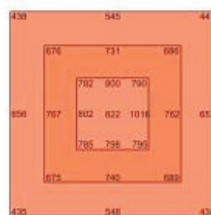
Recommended Application

Multi-layer	4-5ft wide benches, 4-6 in from canopy
Room	One fixture per 4x4ft
Tent	4x4ft to 5x5ft

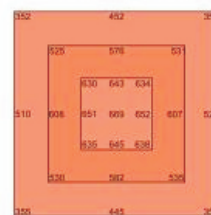
PPFD Reading



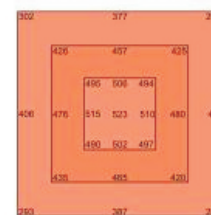
640W 6"/152mm Height



640W 12"/305mm Height



640W 18"/457mm Height



640W 24"/609mm Height

660W

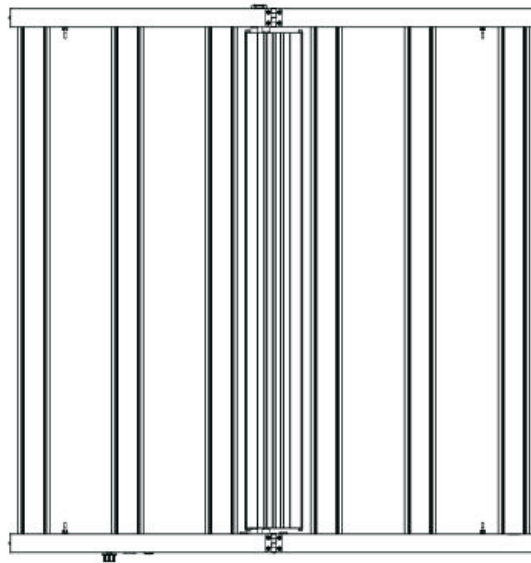
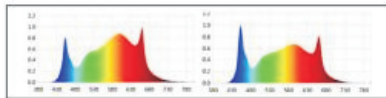
Features & Benefits

Input Power	660W	Dimming	0-10V Dimming
Photosynthetic photon flux	1848 $\mu\text{mol/s}$	LED Type	SMD2835+SMD3030
Luminous Efficacy	2.8 $\mu\text{mol/J}$	Housing	Aluminum Alloy
Viewing Angle	120°	Housing Color	Silver
Spectrum	Full Spectrum	IP Rating / Environment	IP54 / Damp Location
CRI	>80(white)	Operating Temperature	-40°C to +50°C
Input Voltage	100-277VAC 50/60Hz	Operating Humidity	10%-90 % RH
PF	>0.9	Storage Temperature	-40°C to +80°C
THD	<15%	Storage Humidity	10%-95 % RH
Driver Surge protection	L/N-PE: 6kV, L-N: 4kV	Warranty Time	5 Years warranty with 24/7 operating hours Luminaire lifetime at 25°C

Performance Data

Model	Input Voltage	Input Power	PPF	PPE	ETL	DLC
OW-660W-L-H	AC100-277V	660W	1848 $\mu\text{mol/s}$	2.8 $\mu\text{mol/J}$	Yes	Yes

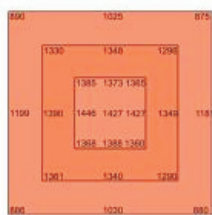
Spectral Distribution



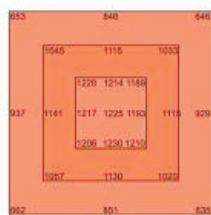
Recommended Application

Multi-layer	4-5ft wide benches, 4-6 in from canopy
Room	One fixture per 4x4ft
Tent	4x4ft to 5x5ft

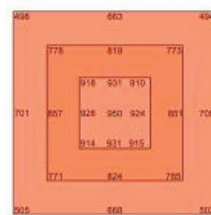
PPFD Reading



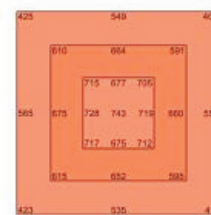
660W 6"/152mm Height



660W 12"/305mm Height



660W 18"/457mm Height



660W 24"/609mm Height

720W

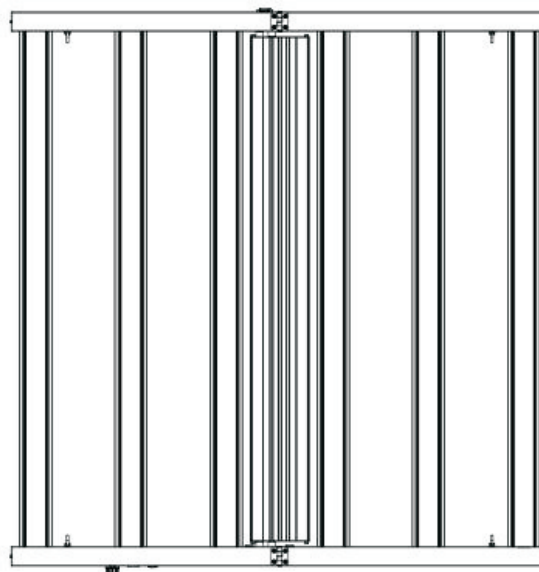
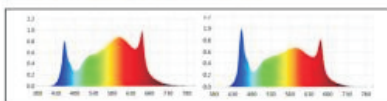
Features & Benefits

Input Power	720W	Dimming	0-10V Dimming
Photosynthetic photon flux	2016 $\mu\text{mol/s}$	LED Type	SMD2835+SMD3030
Luminous Efficacy	2.8 $\mu\text{mol/J}$	Housing	Aluminum Alloy
Viewing Angle	120°	Housing Color	Silver
Spectrum	Full Spectrum	IP Rating / Environment	IP54 / Damp Location
CRI	>80(white)	Operating Temperature	-40°C to +50°C
Input Voltage	100-277VAC 50/60Hz	Operating Humidity	10%-90 % RH
PF	>0.9	Storage Temperature	-40°C to +80°C
THD	≤15%	Storage Humidity	10%-95 % RH
Driver Surge protection	L/N-PE: 6kV, L-N: 4kV	Warranty Time	5 Years warranty with 24/7 operating hours Luminaire lifetime at 25°C

Performance Data

Model	Input Voltage	Input Power	PPF	PPE	ETL	DLC
OW-720W-L-H	AC100-277V	720W	2016 $\mu\text{mol/s}$	2.8 $\mu\text{mol/J}$	Yes	Yes

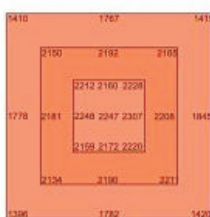
Spectral Distribution



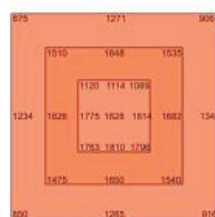
Recommended Application

Multi-layer	4-5ft wide benches, 4-6 in from canopy
Room	One fixture per 4x4ft
Tent	4x4ft to 5x5ft

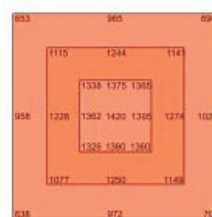
PPFD Reading



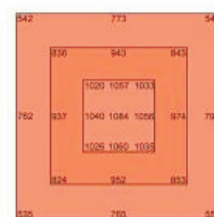
720W 6"/152mm Height



720W 12"/305mm Height



720W 18"/457mm Height



720W 24"/609mm Height

960W

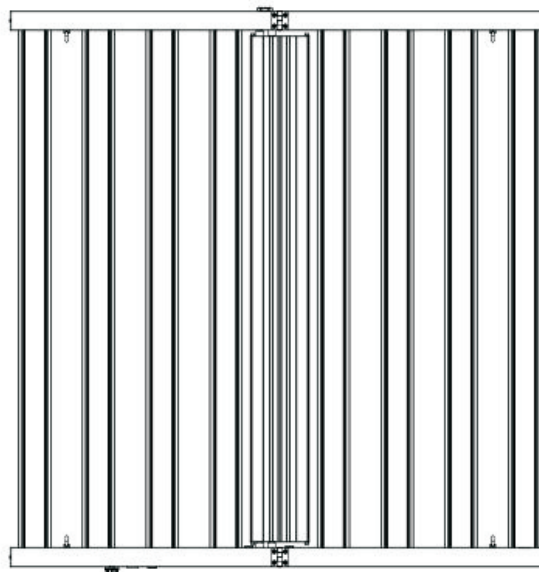
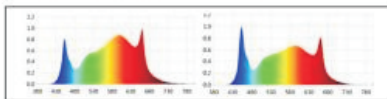
Features & Benefits

Input Power	960W	Dimming	0-10V Dimming
Photosynthetic photon flux	2688 $\mu\text{mol/s}$	LED Type	SMD2835+SMD3030
Luminous Efficacy	2.8 $\mu\text{mol/J}$	Housing	Aluminum Alloy
Viewing Angle	120°	Housing Color	Silver
Spectrum	Full Spectrum	IP Rating / Environment	IP54 / Damp Location
CRI	>80(white)	Operating Temperature	-40°C to +50°C
Input Voltage	100-277VAC 50/60Hz	Operating Humidity	10%-90 % RH
PF	>0.9	Storage Temperature	-40°C to +80°C
THD	<15%	Storage Humidity	10%-95 % RH
Driver Surge protection	L/N-PE: 6kV, L-N: 4kV	Warranty Time	5 Years warranty with 24/7 operating hours Luminaire lifetime at 25°C

Performance Data

Model	Input Voltage	Input Power	PPF	PPE	ETL	DLC
OW-960W-L-H	AC100-277V	960W	2688 $\mu\text{mol/s}$	2.8 $\mu\text{mol/J}$	Yes	Yes

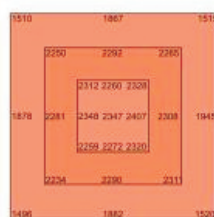
Spectral Distribution



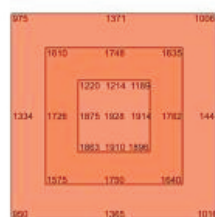
Recommended Application

Multi-layer	4-5ft wide benches, 4-6 in from canopy
Room	One fixture per 4x4ft
Tent	4x4ft to 5x5ft

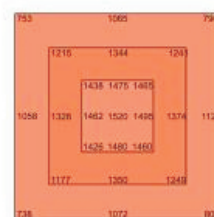
PPFD Reading



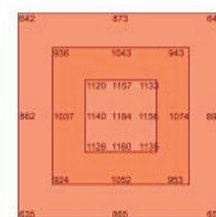
960W 6'x152mm Height



960W 12'x305mm Height



960W 18'x457mm Height




960W 24'x609mm Height

Onward™

T E C H I N C

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