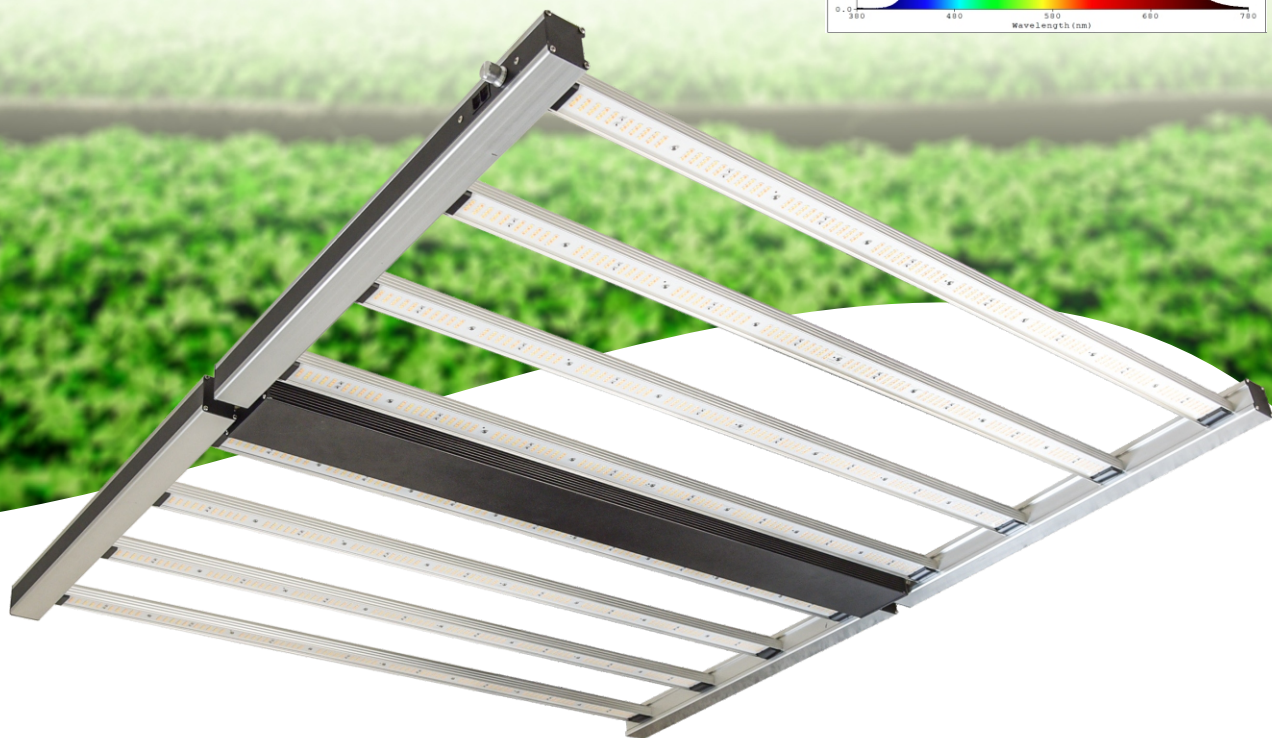
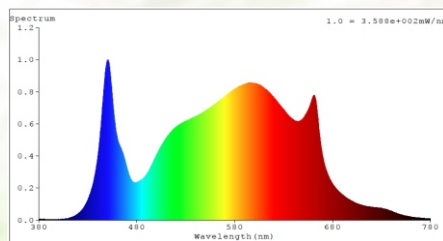


# Foldable LED Grow Light

- Full spectrum and high efficiency
- High Efficacy: 2.6  $\mu\text{mol}/\text{J}$



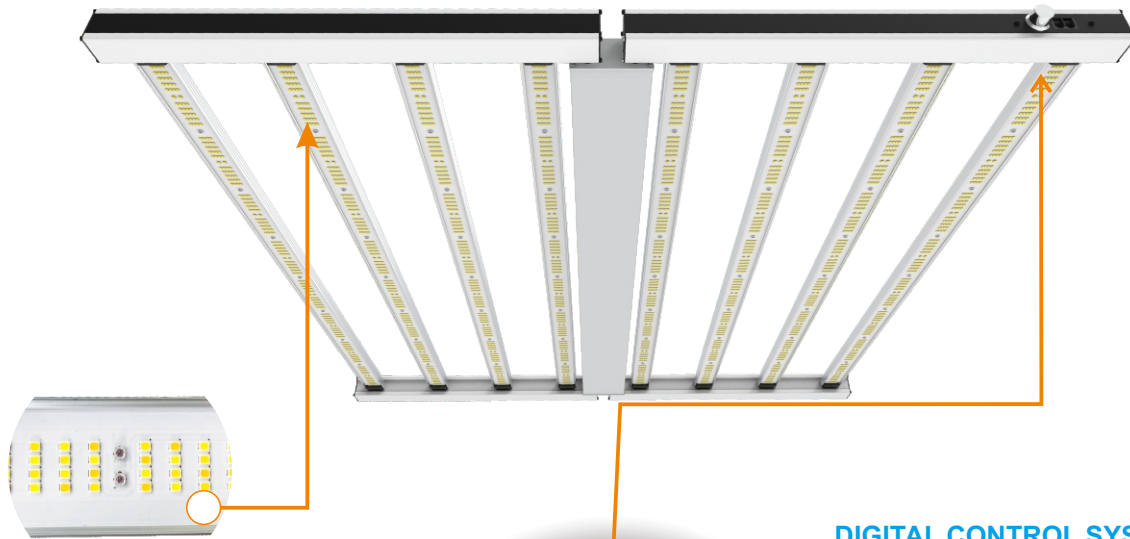
Horticulture Dimmable Foldable Full Spectrum Adjustable

**480W/630W/800W/960W**

PPF optional: 2.5  $\mu\text{mol}/\text{s}/\text{w}$ , 2.6  $\mu\text{mol}/\text{s}/\text{w}$ , 2.7  $\mu\text{mol}/\text{s}/\text{w}$ , 2.8  $\mu\text{mol}/\text{s}/\text{w}$ , 2.9  $\mu\text{mol}/\text{s}/\text{w}$

## FEATURES & BENEFITS

- Come with 120-277V AC output quick access outlet on the fixture .
- Foldable design, easy installation .
- Up to 30% more energy saving than traditional HID and HPS .
- Superior delivered PPF and PAR exceeding 1000W HPS .
- Scientifically engineered to maximize photosynthesis, growth, and yield .
- With full spectrum Samsung chip, red/blue ratio 90/10, 87.5/12.5, 85/15, 80/20 optional, High efficiency over  $2.6\mu\text{mol/s/w}$  .
- LED driver model Mean well、 Inventr. Led grow light generates less heat, avoids the damage to plant caused by generated high temperature, could use more closer to plant, improves the utilization rate of light, and reduces ambient temperature.
- APP Intelligent Control、 ZigBee supports up to 128 device connections.



### Red/Blue ratio

90/10, 87.5/12.5, 85/15, 80/20 optional

### DIGITAL CONTROL SYSTEM

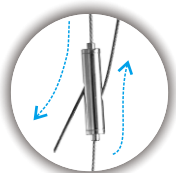
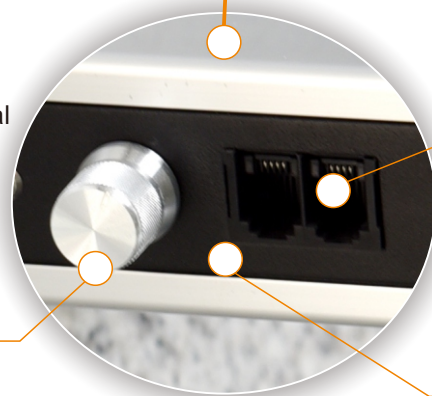
Works with CONTROLLER systems. When you put the dimmer in EXT mode, it is ready to connect to the control system.

### Waterproof:

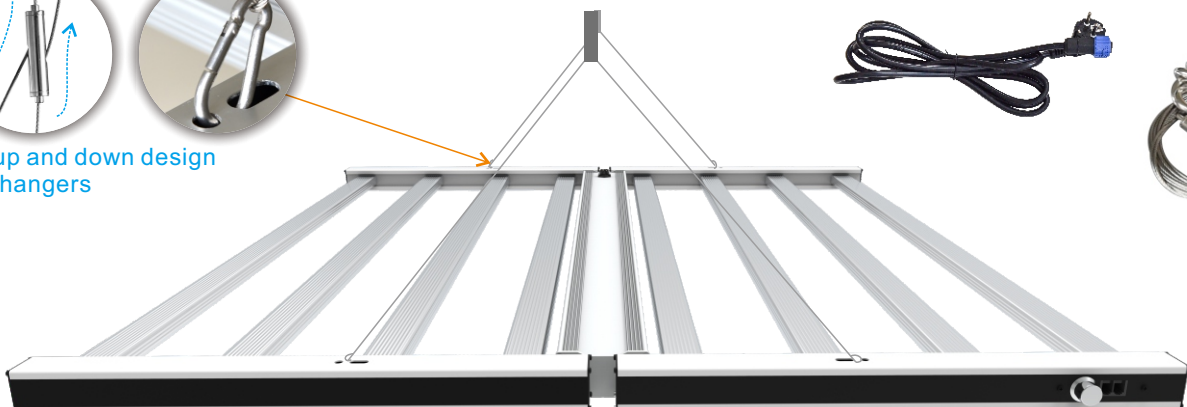
100-277V/347V/480V AC INPUT

### Manual Dim:

OFF/25%/50%/75%/100%/EXT



Freely up and down design by ropehangers



LEDZW008

480W

Table with 8 columns (number, 12in, 16in, 20in, 24in, 28in, 32in, 36in, 39in) and 39 rows of data for the 480W LEDZW008 series.

Table with 8 columns (number, 12in, 16in, 20in, 24in, 28in, 32in, 36in, 39in) and 39 rows of data for the 480W LEDZW008 series, including a detailed breakdown of PAR efficiency.

LEDZW008

630W

Table with 8 columns (number, 12in, 16in, 20in, 24in, 28in, 32in, 36in, 39in) and 39 rows of data for the 630W LEDZW008 series.

Table with 8 columns (number, 12in, 16in, 20in, 24in, 28in, 32in, 36in, 39in) and 39 rows of data for the 630W LEDZW008 series, including a detailed breakdown of PAR efficiency.

LEDZW008

800W

Table with 8 columns (number, 12in, 16in, 20in, 24in, 28in, 32in, 36in, 39in) and 39 rows of data for the 800W LEDZW008 series.

Table with 8 columns (number, 12in, 16in, 20in, 24in, 28in, 32in, 36in, 39in) and 39 rows of data for the 800W LEDZW008 series, including a detailed breakdown of PAR efficiency.

LEDZW008

960W

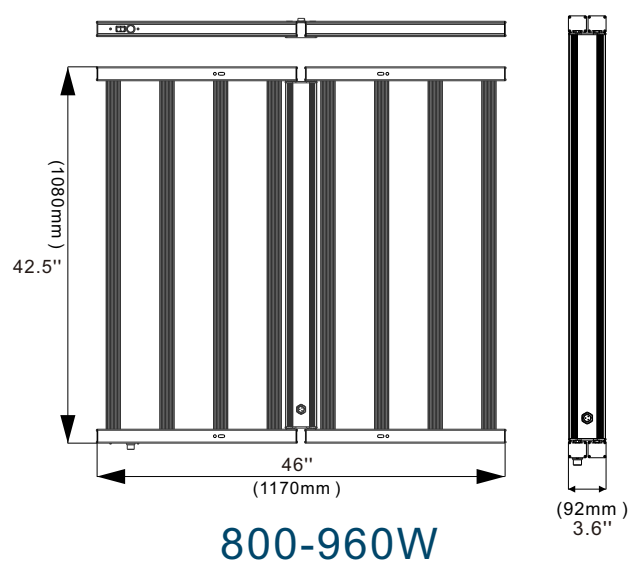
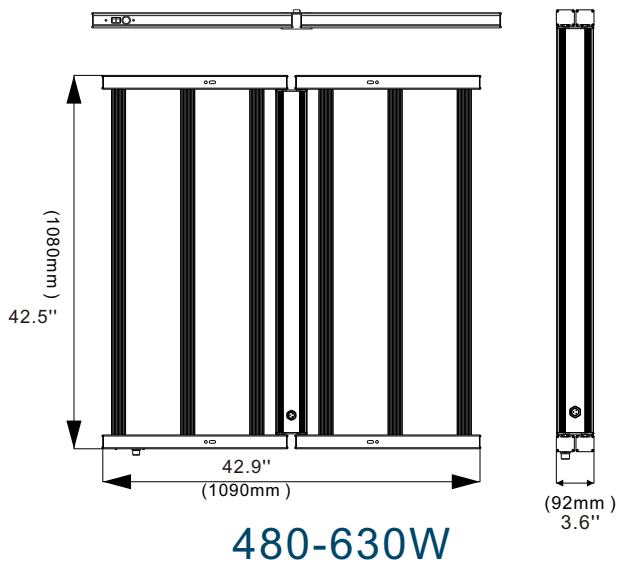
Table with 8 columns (number, 12in, 16in, 20in, 24in, 28in, 32in, 36in, 39in) and 39 rows of data for the 960W LEDZW008 series.

Table with 8 columns (number, 12in, 16in, 20in, 24in, 28in, 32in, 36in, 39in) and 39 rows of data for the 960W LEDZW008 series, including a detailed breakdown of PAR efficiency.

# Horticultural Luminaires 008 Parameter table

Item description	LEDZW480W008	LEDZW630W008	LEDZW800W008	LEDZW960W008
Input voltage [Vac]	100-277/347/480Vac	100-277/347/480Vac	100-277/347/480Vac	100-277/347/480Vac
Input current [A]	2.18@220V	2.86@220V	3.82@220V	4.36@220V
Input wattage [W]	480±10%	630±10%	840±10%	960±10%
Input frequency [Hz]	50/60	50/60	50/60	50/60
Power factor	≥0.96@220V	≥0.96@220V	≥0.96@220V	≥0.96@220V
Voltage [V]	36V	36V	36V	36V
Current(reference) [A]	12.2	16.1	22.2	24.5
Wattage(reference) [W]	440±10%	580±10%	730±5%	880±5%
Luminous flux [Lm]	72000	94500	120000	144000
Colour temperature [K]	2700-5700	2700-5700	2700-5700	2700-5700
Colour rendering index [Ra]	87	87	87	87
Flux of emitted photons [umol/s]	1248	1638	2080	2496
PPFD [PAR]	392(H30cm)	484(H30cm)	617(H30cm)	692(H30cm)
Beam Angle [L,V]	120°			
LED chip	SAMSUNG 2835			
Average life [h]	Q90@50000Hrs			
Colour	R20% G76.5%, B3.5% @3800K			
Net weight	15.5Kg			
Environment	WET			
Storage Environment	-40°C-85°C RH10%-95%			
Ambient temperture [°C]	-25°C-40°C			

## Product size



### 0-10V Dimming

- turn rotary knob of LED grow light to "EXT" .
- Plug the RJ end of provided controller cable into the RJ main port of the smart controller.
- Plug the other RJ end of that controller cable into RJ main port (EXT 0-10V) of LED grow light. Use another controller cable to connect LED grow light one by one (up to 75 pcs per string), check below wiring diagram.

