

# efinity<sup>®</sup>

## efinity VEGA 330

# LED GROW LIGHT

- Controllable
- 0-10V dimming
- Signal daisy chain

### APPLICATION

**efinity** VEGA330 is professional designed for vegetative growth. The special spectrum effectively promotes root growth and makes plants stronger. With the Ultra-thin fixture design, Can be efficiently used in vertical grow bench.

- Climate room
- Greenhouse

2.8  
μmol/J

930  
μmol/J

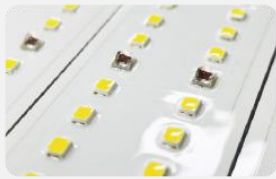


5  
years  
warranty



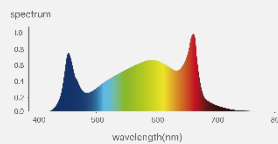
## FEATURES

### Efficacy up to 2.8 $\mu$ mol/J



High quality chips

### Full-Spectrum, Professional clone and vegetative spectrum



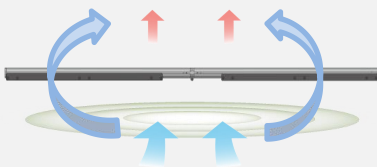
Vigorous roots and branches growth

### Ultra-thin 1.2 inches thick



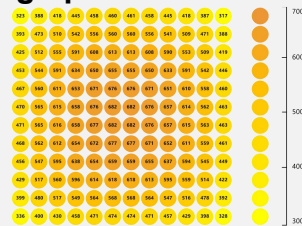
Efficiently used in vertical grow bench

### Even heat distribution



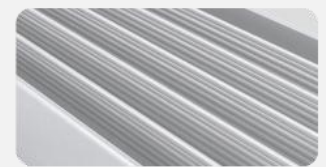
6 bars metal designs for fast heat dissipation

### High photon uniformity



Plant grow more uniform

### Full metal design

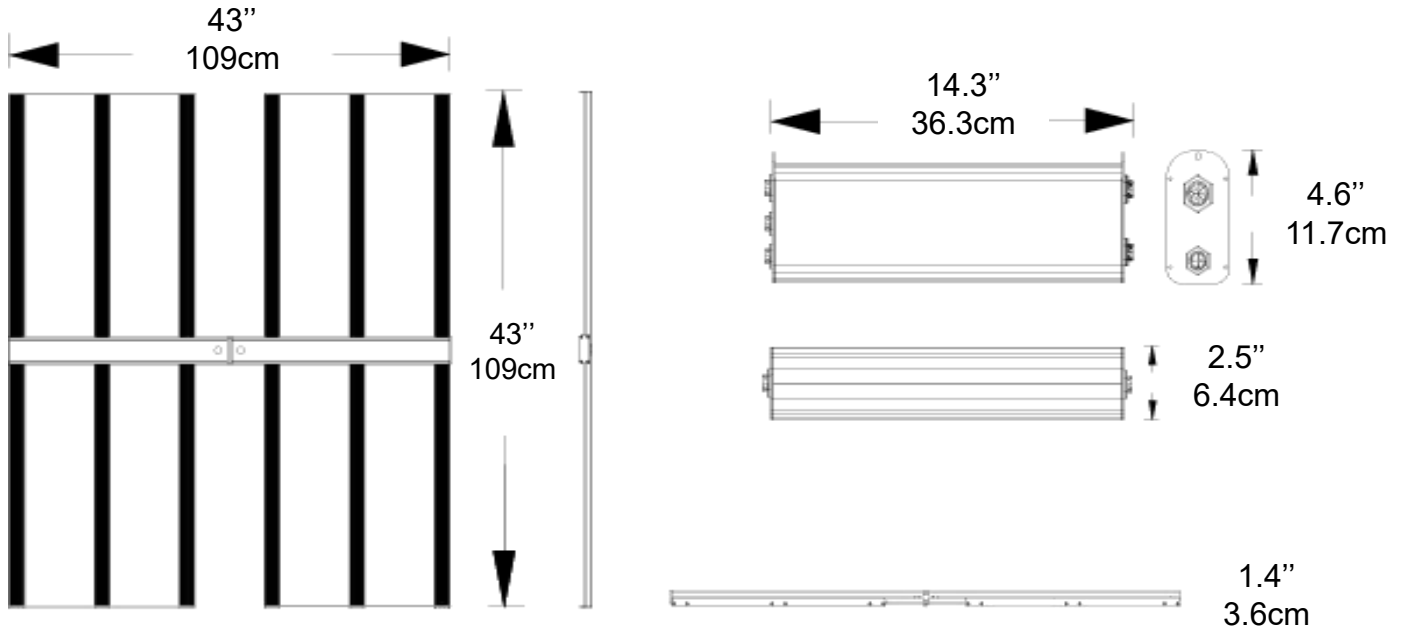


Waterproof and durable

## SPECIFICATION


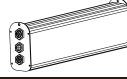

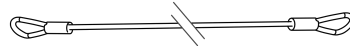





Model No.	ZSC-ID-BZ330-SV01-BO
Fixture size	43 x 43 x 1.4 inch (109x109x3.6cm)
Spectrum	Customized
Rated Wattage	335W @ 277V
AC input voltage	120 - 277V, 50/60Hz
Power factor	> 0.95
PPE	Up to 2.8 $\mu$ mol/J
Total PPF	930 $\mu$ mol/s
Light distribution	120°
Thermal management	Passive
Function	0-10V dimming
Mounting height	$\geq$ 12" (30.5cm) above canopy
Coverage	4ft x 4ft (122cmx122cm)
Warranty	5 years warranty
IP rating	IP 66
Lifetime	> 50,000hrs
Fixture weight	14lbs (6.35kg)
Driver weight	7lbs (3.2kg)

**DIMENSION**



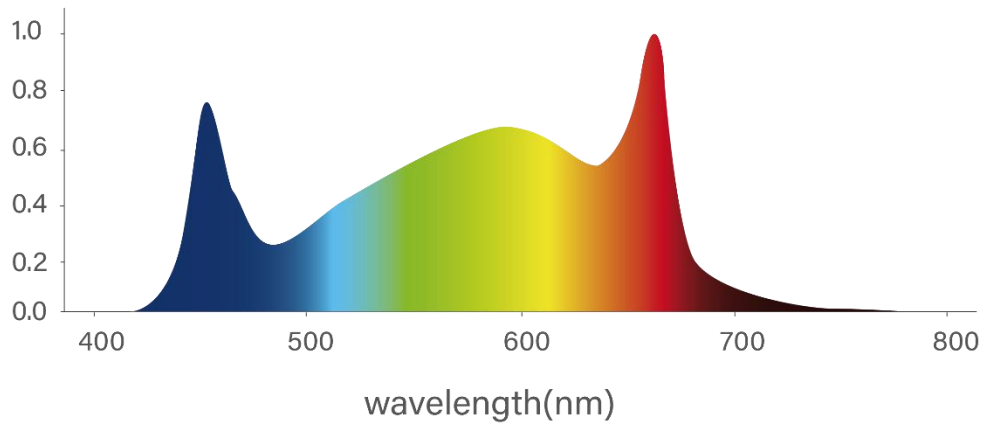
**FIXTURE & ACCESSORIES**



Parts	Quantity	Details
LED fixture	1	
Driver	1	
Carabiner	6	
Sling	6	 2'
User Manual	1	
#1 Cable - AC input	1	 6'
#2 Cable - AC chain	1	 8'
#3 Cable - Signal input cable	1	 8'
#4 Cable - DC input	1	 5'

## SPECTRUM

spectrum



## PLANTING GUIDANCE

Below is the recommendation for adjusting the mounting height between the LED grow light and the plants according to the growing stage.

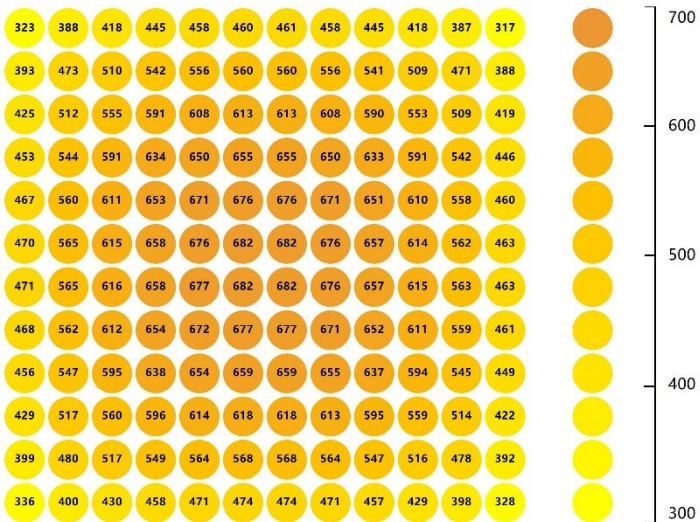
Clone Height > 1 ft



Vegetative Height > 0.5 ft

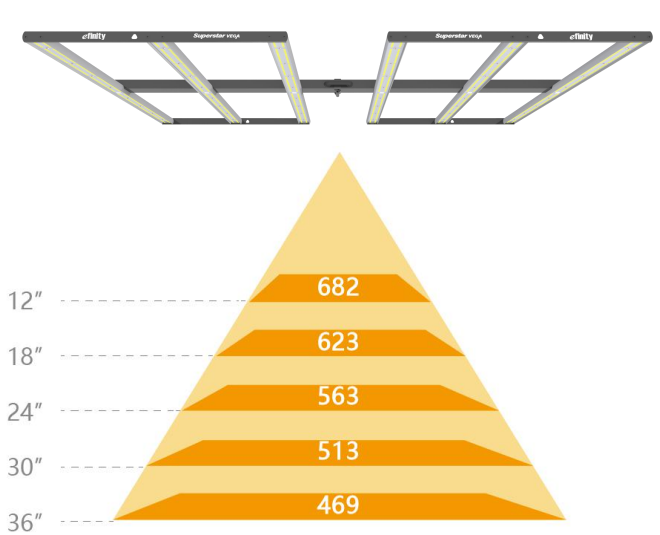


## PPFD DISTRIBUTION



4'X4'=548 $\mu\text{molm}^{-2}\text{s}^{-1}$  average PPFD-1ft height

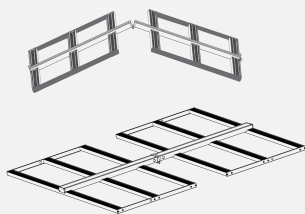
## EFFICACY



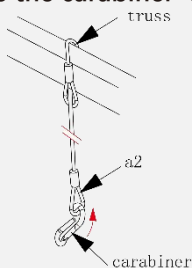
Max PPFD:  $\mu\text{molm}^{-2}\text{s}^{-1}$

## INSTALLATION MANUAL

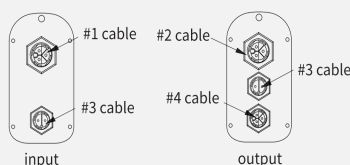
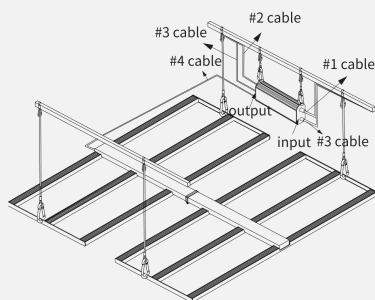
**STEP 1: Open/unfold the Light fixture until flat**



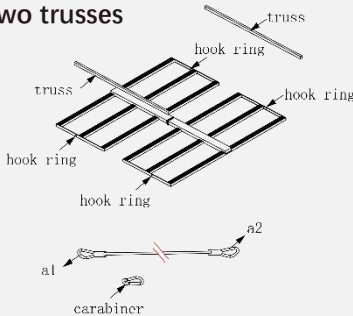
**STEP 4: Buckle the carabiner 'c' to the ring 'a'**



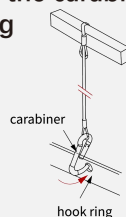
**STEP 7: Plug in the driver according to the corresponding interface**



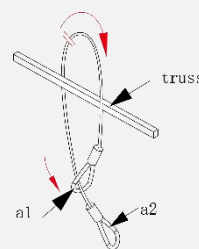
**STEP 2: Hang the fixture on two trusses**



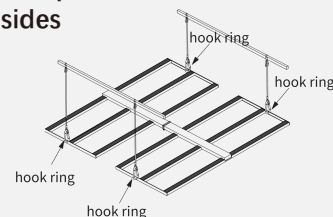
**STEP 5: Buckle the carabiner to the hook ring**



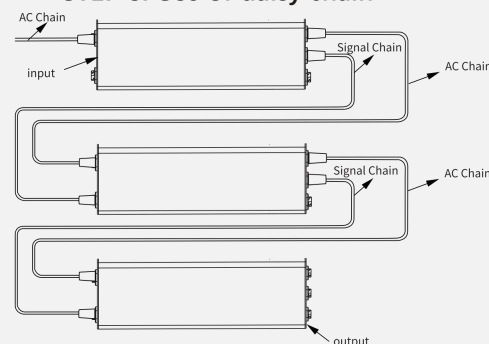
**STEP 3: Pass the rope around truss and pass 'a2' through the loop 'a1'**



**STEP 6: Repeat the action on other three sides**



**STEP 8: Use of daisy chain**



## PACKAGE



Item	QTY	Size	N.W/CTN	G.W/CTN
VEGA 330W	1 PC	45.5x25x3.7 inch 115.6x63.5x9.4 cm	22 lbs 10kg	24.4 lbs 11 kg

## APPLICATION

e<sup>finity</sup> VEGA 330 Light fixture is a high-performance full spectrum fixture designed specifically for climate rooms and horticultural greenhouses. e<sup>finity</sup> is confident that you will be happy with the growing results achieve with this highly advanced and innovative LED product.

**Hanging Height:** For best results, we recommend hanging the e<sup>finity</sup> VEGA 330 Light >0.5ft above crop canopy.

**Layout design:** e<sup>finity</sup> could offer customized light layouts design for you.

## ENVIRONMENT

The product is intended to be used in greenhouse and climate rooms. The product can not be used outdoors. The product functions optimal when the ambient temperature is between 20-40°C.