

efinity®

GROW
ENLIGHTENED™

Superstar 2300Pro **LED GROW LIGHT**

- ☑ Controllable
- ☑ 0-10V dimmable
- ☑ Daisy-chainable

3.0
μmol/J

2300
μmol/s

IP66

5
years
warranty

ETL
intertek
5018678

APPLICATION

efinity grow light is brilliantly designed to be a direct, 1-for-1(1:1) replacement for 1000W HPS lights, fitting seamlessly into existing HPS layouts. It's easy to install and provides high PPFD. It's flexibly used in:

- Greenhouse
- Climate room

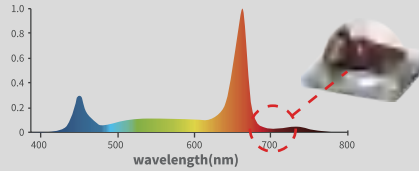
FEATURES

1:1 direct replacement for 1000W HPS fixture, **at least 25%** energy savings



At least 25%

Full-Spectrum, High efficiency



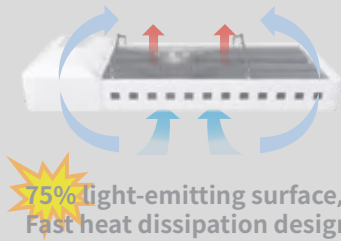
High quality chips

Easy to install



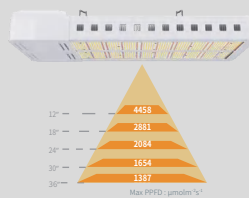
Driver inside

Efficient heat dissipation



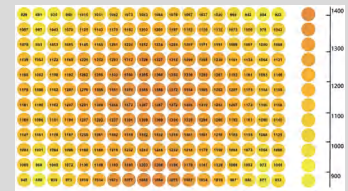
75% light-emitting surface,
Fast heat dissipation design

High PPFD



Efficacy up to 3.0 $\mu\text{mol}/\text{J}$

High photon uniformity

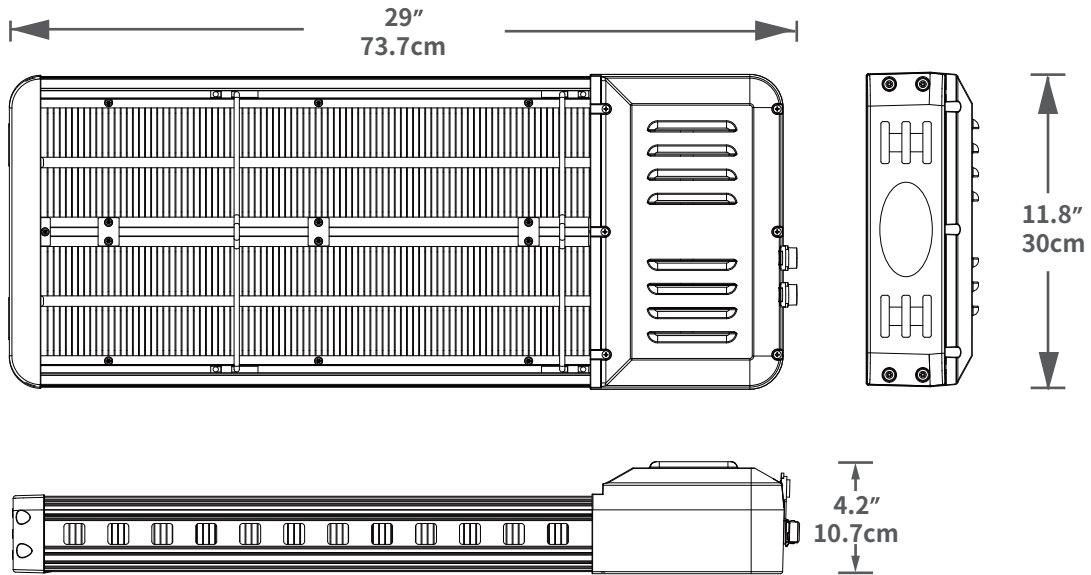


Plant grow more uniform

SPECIFICATION

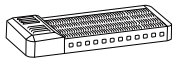

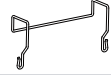




Model No.	ZSC-2K760-SV11
Lamp size	29x 11.8 x 4.2 inch(73.7x30x10.7 cm)
Spectrum	Full Spectrum
Rated Wattage	760W @ 277V
AC input voltage	120 - 277V ,50/60Hz
Power factor	> 0.95
PPE	Up to 3.0 $\mu\text{mol}/\text{J}$
Total PPF	2300 $\mu\text{mol}/\text{s}$
Light distribution	120°
Thermal management	Passive
Function	0-10V dimming
Mounting height	$\geq 30"$ (76.2 cm) above canopy
Coverage	4ft x 6ft (122 x 183 cm)
Warranty	5 years warranty
IP rating	IP 66
Lifetime	> 50,000hrs

DIMENSION

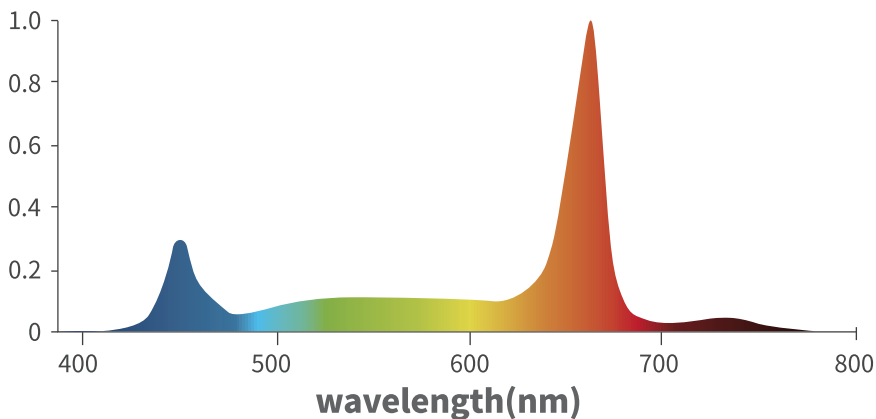


FIXTURE & ACCESSORIES



Parts	Number	Details
LED fixture	1	
Suspension hooks	2	
Mounting bracket	1	
#1 Cable - AC input	1	 6'
#3 Cable - Signal Chain	1	 0.5' 0.5' 7.2'
User Manual	1	 USER MANUAL
(OPTIONAL) #2 Cable - AC input for Daisy chain	1	 0.5' 0.5' 7.2'

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.

Vegetative Height > 3 ft



Flowering to Harvest Height > 2 ft



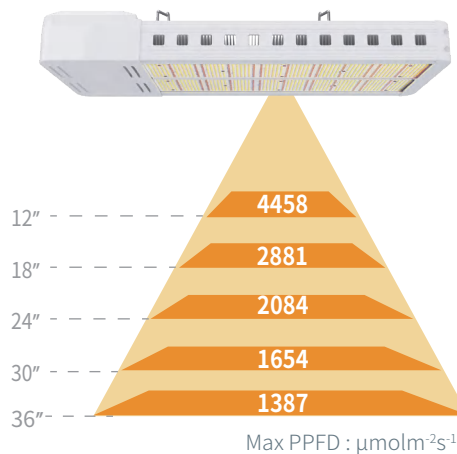
PPFD DISTRIBUTION



6'X4'=1161 $\mu\text{molm}^{-2}\text{s}^{-1}$ average PPFD-3ft height

EFFICACY

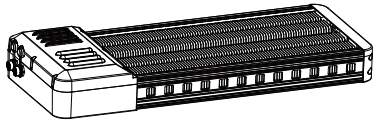
Efficacy up to 3.0 $\mu\text{mol/J}$



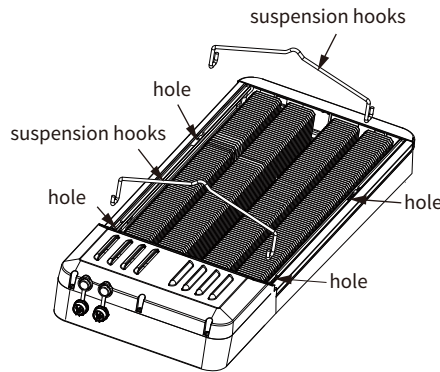
Max PPFD : $\mu\text{molm}^{-2}\text{s}^{-1}$

INSTALLATION MANUAL

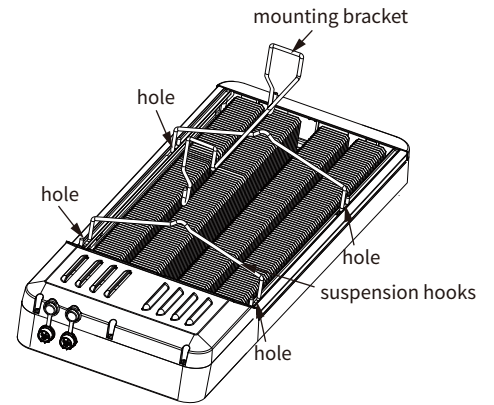
STEP 1: Take out the LED fixture



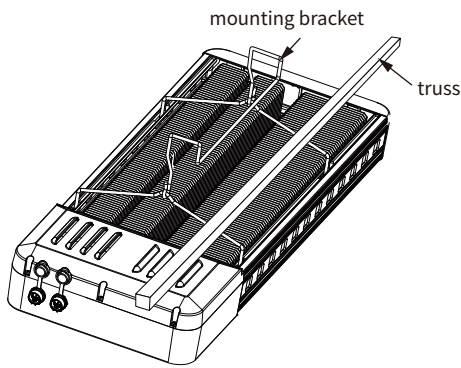
STEP 2: Hang the Suspension hooks on the fixed holes



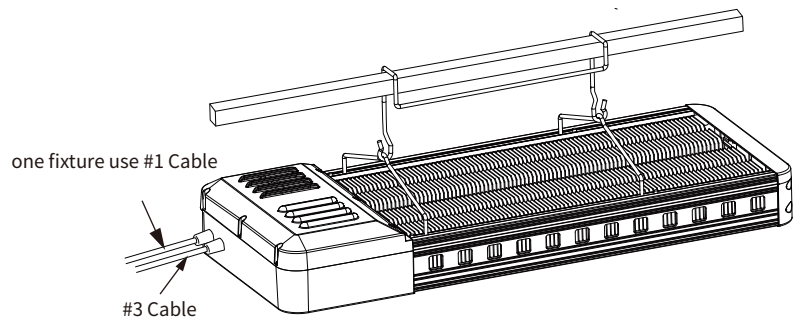
STEP 3: Hang the mounting bracket at the positions of suspension hooks



STEP 4: Hang the Mounting bracket on the truss



STEP 5: The truss size should be less than $\phi 40\text{mm}$ / $40 \times 40\text{mm}$.



PACKAGE



Item	QTY	Size	N.W/CTN	G.W/CTN
2300Pro	1 PC	31.5x14x6.3 inch 80x35.6x16 cm	24.4lbs 11 kg	31.1lbs 14.1 kg

APPLICATION

e^{finity} 2300Pro LED Light fixture is a high-performance full spectrum fixture designed specifically for climate rooms and horticultural greenhouses. e^{finity} 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^{finity} 2300Pro LED Light >2ft above crop canopy.

Layout design: We can provide you with custom-designed light layouts for your facility upon request.

ENVIRONMENT

The product is intended to be used in indoor climate-controlled grow rooms and grow tents. The product cannot be used outdoors. The product functions optimally when the ambient temperature is between 0-40°C.

• Due to our continuous program of product development, data is subject to change without notice.