

## Product picture

CE

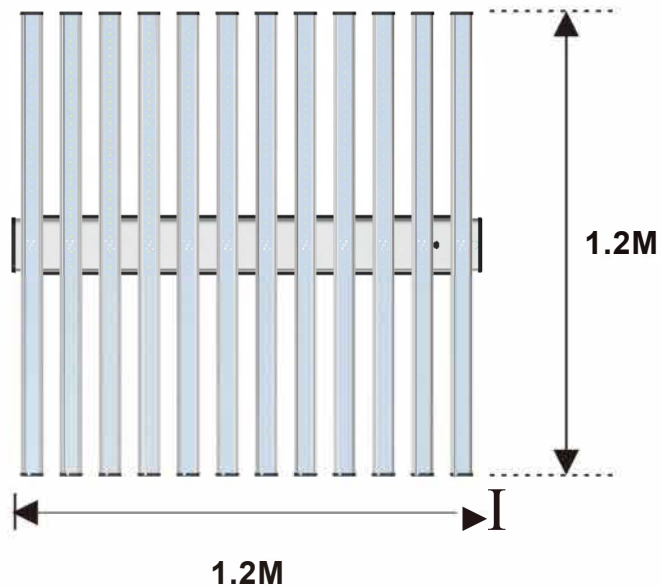
 RoHS

 5  
YEARS  
WARRANTY



## Dimensions

Size:m



## Product features

1. Using high-quality LED chips, high light efficiency, low light attenuation, and a service life of up to 50,000 hours.
2. The high-quality thickened aviation aluminum is used as the main body heat dissipation after special processing, which can quickly cool down without fan and zero noise.
4. Sosen-VA series driver, high power factor, high conversion efficiency (91 %), THO < 15%, Anti-surge voltage Difference mode 6kV, Common mode 10kV, Criterion B.
5. The scientific full spectrum ratio can be applied to all stages of plant growth and comprehensively promote plant photosynthesis.

## Technical Parameters

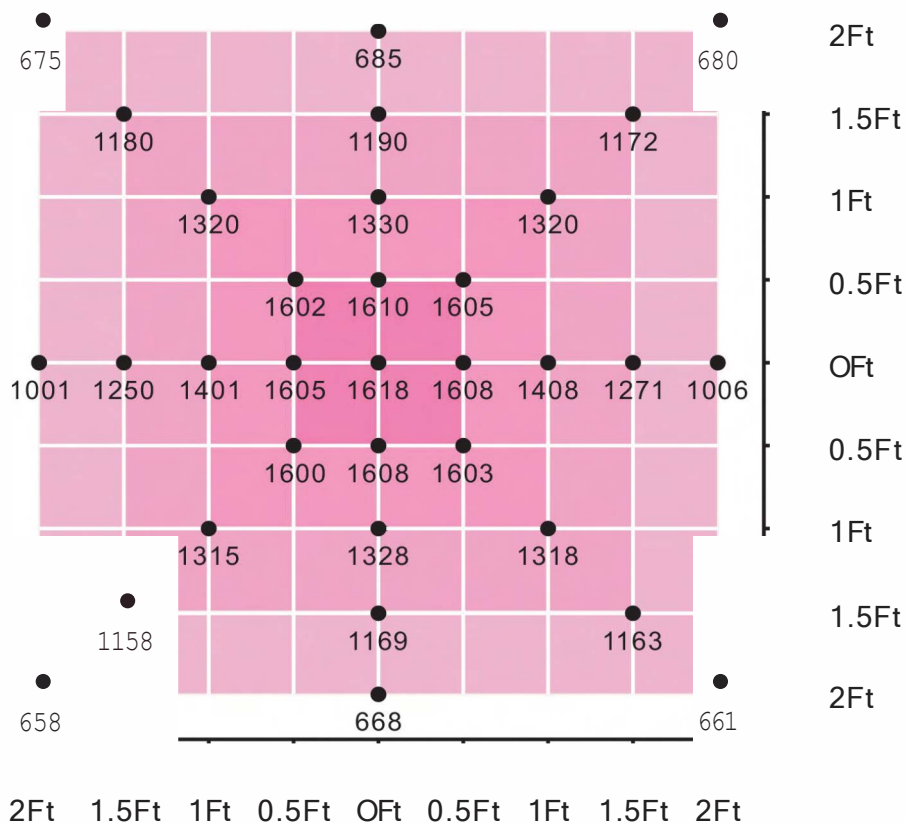
Item	Unit	Specification
Model		PL 1000WXXK-LA
UL No.		I
Power	W	1000
Input Voltage	V	100-277VAC 50/60Hz
Power Factor	PF	>0.96@120Vac / >0.9@277Vac
Surge Level	KV	Difference mode 6kV, Common mode 10kV.
THO		<15%
LED		400nm 3030 1W 60PCS 660nm 3030 1W 360PCS 740nm 3030 1W 60PCS 4000K 2835 1W 3120PCS
Luminous Efficacy	lm/W	135
Lumens	lm	135000
PPF	μmolls	2500

PPE	$\mu\text{mol/s/w}$	2.6 (Real)
Beam Angle		90°
IP Rate	IP	63
Housing Material		Aluminum Alloy+PC
Operating Temperature		Temperature : -30 °C ~ 50 °C ; Humidity10% ~ 90%RH
Lifespan	H	50000Hrs( $T_a = 25^\circ\text{C}@L70$ )
Warranty	y	5 Years
Product Dimension	mm	1200x1200x200mm
Net Weight	KGS	25

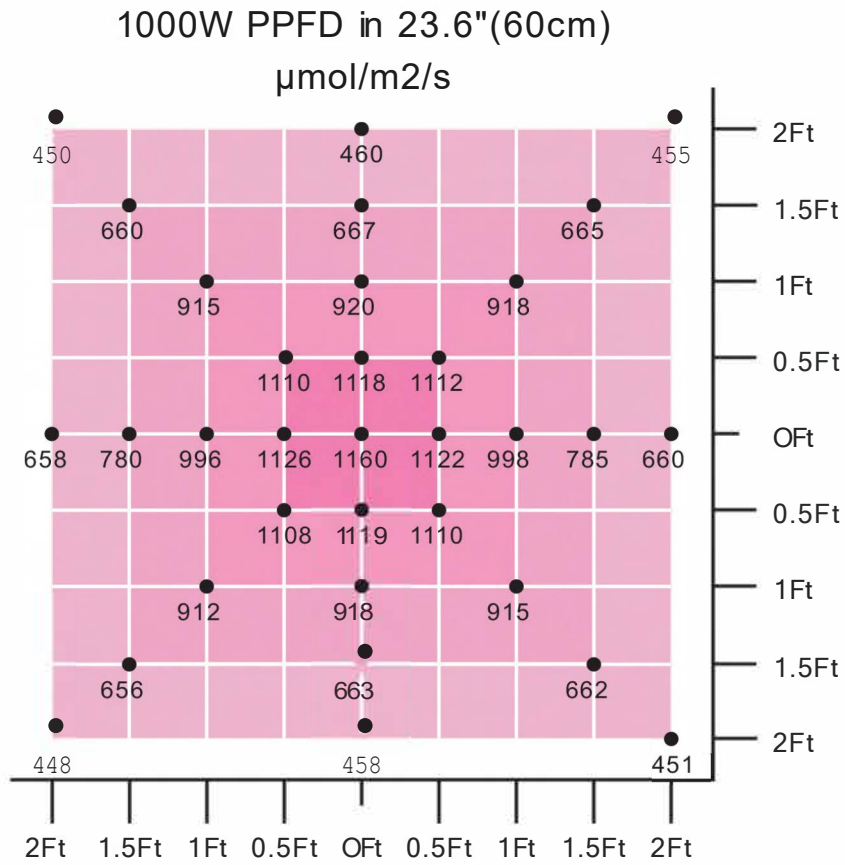
## Technology Numerical

1000W PPF in 11.8"(30cm)

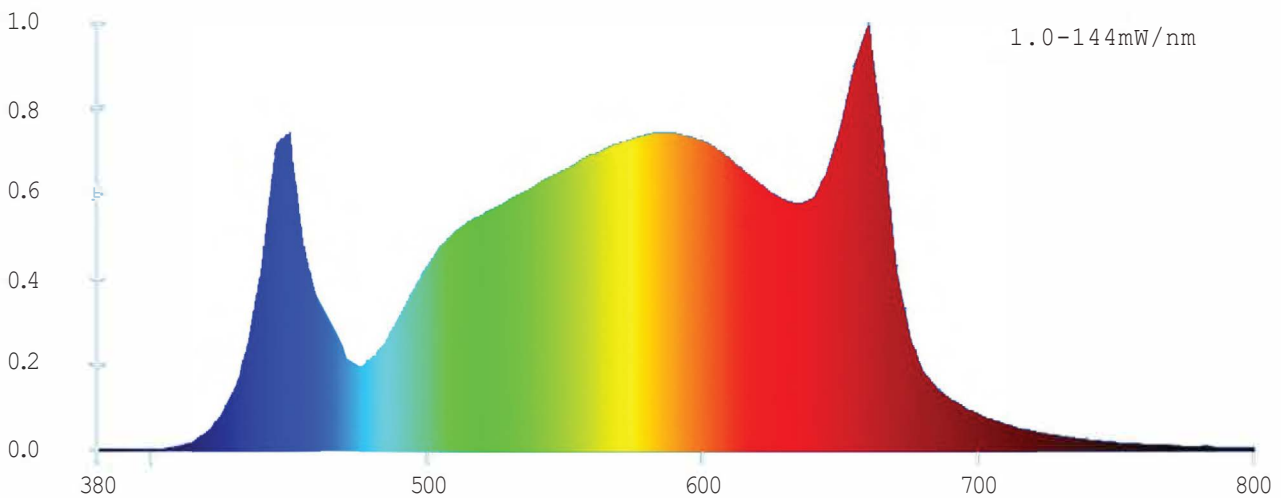
$\mu\text{mol/m}^2/\text{s}$



# Technology Numerical

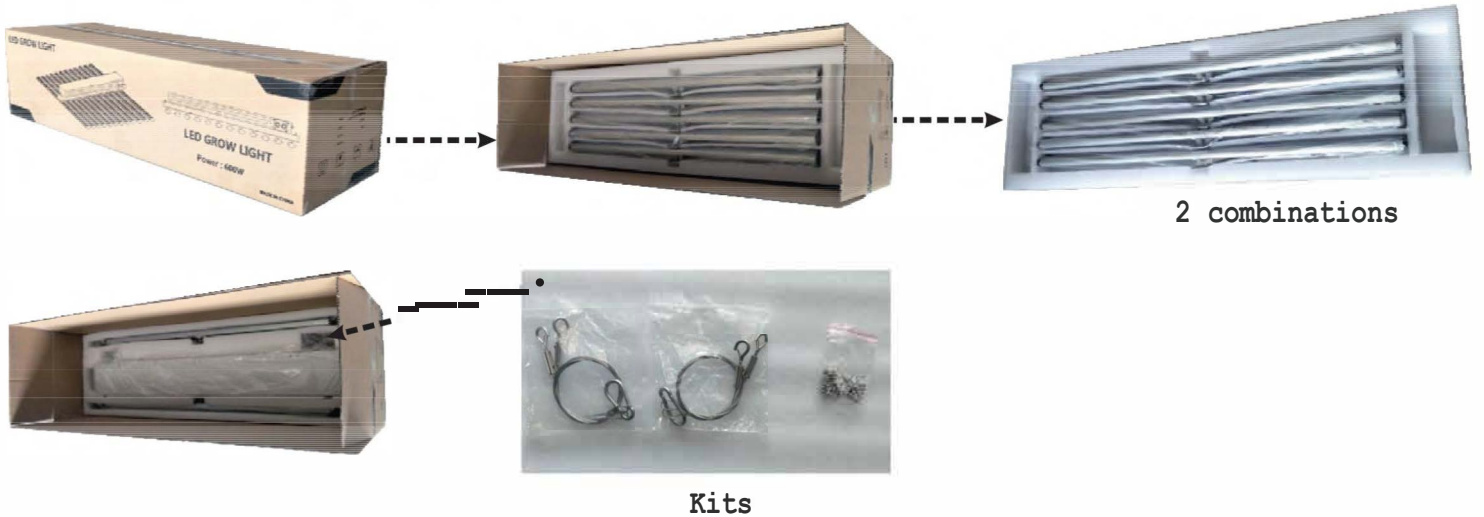


# Optical Map

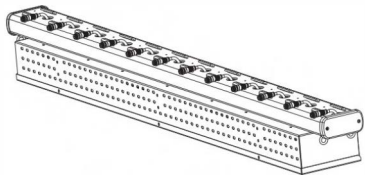


PL 1000WXXK-LA

## Unpacking step



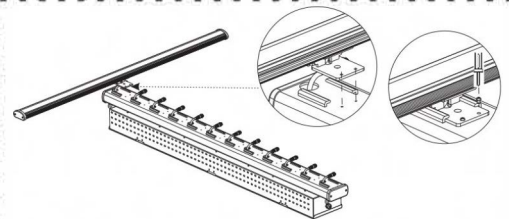
## Assembly step



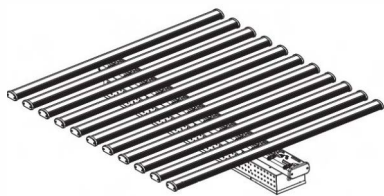
1. Take out the main beam assembly from the outer box and release the flat mounting surface.



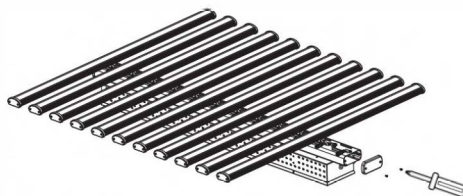
2. Take out 12 light bars from the outer box and place them on the flat mounting table.



3. Align the light bar with the screw hole on the upper surface of the main beam, and then **fix** it with the screws in the accessory kit.



4. Repeat step 3 to install **II** strips



5. Loosen the side cap screws with screws



6. Install the best 1 light strip in the same way and install the side end cover locking screw



7. Connect the waterproof connector on the light bar to the main beam assembly connector and lock the waterproof connector.



7. Hang the wire rope in the accessory kit into the light fixture



8. The installation is related to the **fixed** position, and the power is turned on.

## Precautions for use

1. Indoor use.
2. In order to avoid damage to the luminaire, do not use water or liquid to connect the luminaire during use.
3. While illuminating the plants, the height of the LED growth lamp is not less than 10 inches, and the low height will cause damage to the plants.

Notice: distances between adjacent lighting equipment and between the lighting equipment and combustible materials such as walls, ceilings, movable partitions, and the like shall be min. 30 cm.; and between lighting equipment and other heat generating equipment shall be min. 30 cm.