

# LED HORTICULTURAL LUMINAIRES

## LEDZW003B

### LEDZW003

#### APPLICATIONS

Use in supplement light for plant growth, suitable for tomato, cucumber, pepper, cannabis, rose and other plant, application in indoor supplement light, the place with short outdoor lighting time and insufficient light

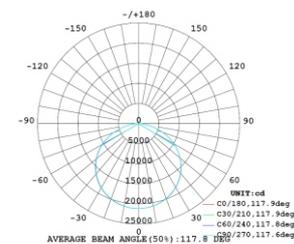
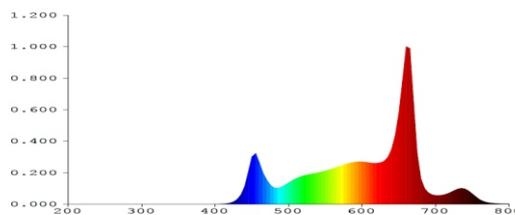


#### SPECIFICATION FEATURES

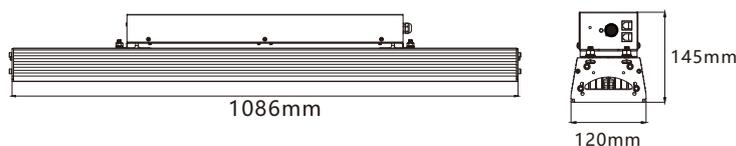
1. All adopt superior stainless steel nuts.
2. Die-casting shell brings perfect heat dissipation, Simple&perfect appearance.
3. Adopt the intergrated lens to improve the luminous efficacy and offer perfect light distribution.
4. Aluminum PCB with high thermal conductivity as chip carrier for faster cooling.
5. Use full spectrum SAMSUNG chip, the ratio of red and blue light is 90/10, 87.5/12.5, 85/15, 80/20 optional
6. Energy-efficient, about double to triple of the metal lamp or the sodium lamp.
7. 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.
9. Tear open outfit is convenient.



#### OPTICS PARAMETER



#### Product size

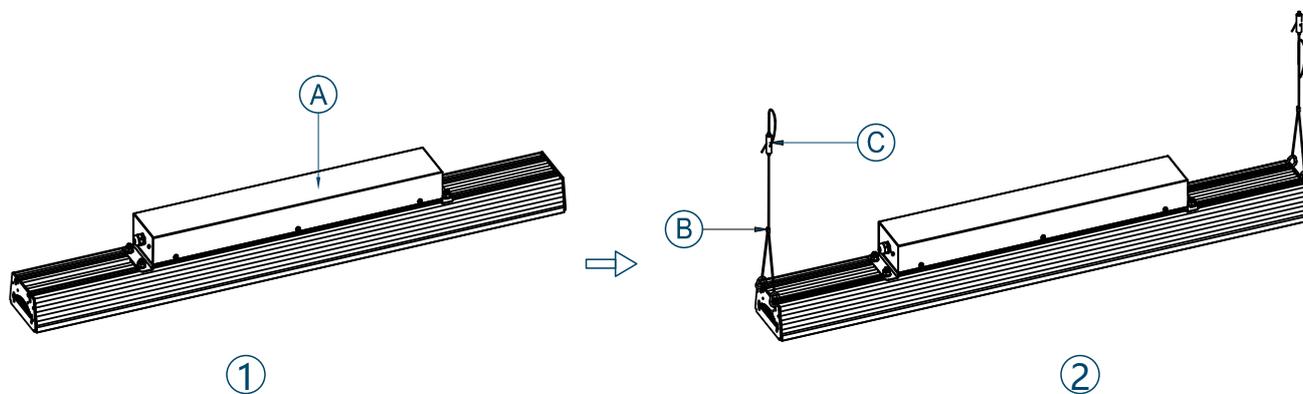


480W

### Horticultural Luminaires 003 Parameter table

Item description	LEDZW480W003B		
Input voltage [Vac]	100-277/347/480Vac		
Input current [A]	4.8A@100V	2.0A@220V	1.0A@220V
Input wattage [W]	480±10%		
Input frequency [Hz]	50/60		
Power factor	≥0.96@220V		
Voltage [V]	54		
Current(reference) [A]	8.4		
Wattage(reference) [W]	4520±10%		
Luminous flux [Lm]	76000		
Colour temperature [K]	4000		
Colour rendering index [Ra]	90		
Flux of emitted photons [umol/s]	1300		
Beam Angle [L.V]	120°		
LED chip	SAMSUNG283b+660nm		
Average life [h]	L90@50000		
Net weight [kg]	11.5Kg		
Gross weight [kg]	13.5Kg		
Dimensions	108.6cm*12cm*14.5cm		
Environment	WET		
Storage Environment	-40°C-85°C RH10%-95%		
Ambient temperature [°C]	-25°C-40°C		

## INSTALLATION



Step 1: Take out lamp strip A (2pcs), (Indication in Figure.1).

Step 2: Fasten hanging rope B to the holes at both sides of electronic box with buckle end (Indication in Fig.2), and fix installation end to the load-bearing body (Indication in Fig.2), then adjust installation height through E.