

## Products introduction :

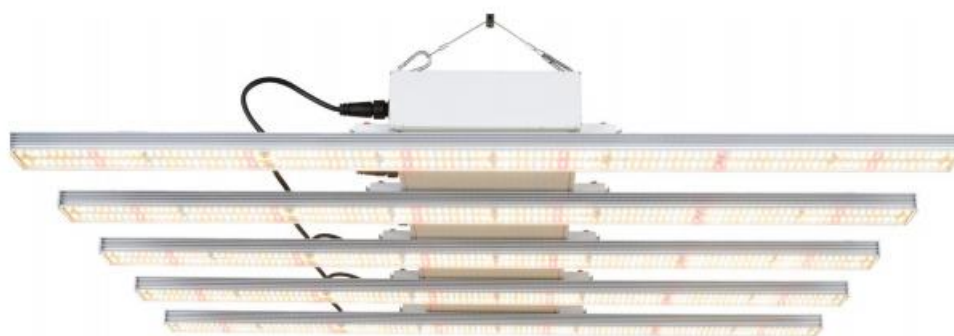
**SPD -5P Led grow Light** is a full-cycle led grow light solution for commercial cannabis cultivation from vegetative growth to higher light intensities in bloom. For optimal results, we recommend SPIDER 5P deployed in environments with CO<sub>2</sub> supplementation between 800-1400 ppm in reproductive growth stage due to high PPFD levels.

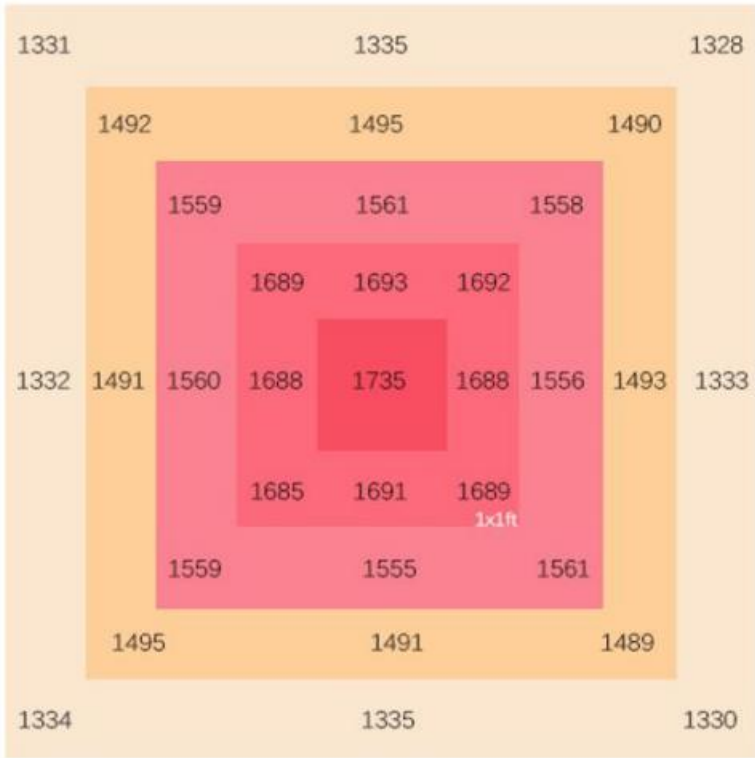
SPIDER 5P builds on the previous generation's SPA/SPB/SPC/SPDx PLUS performance.

Higher Light Intensity, Better Coverage, More advanced features

## Features:

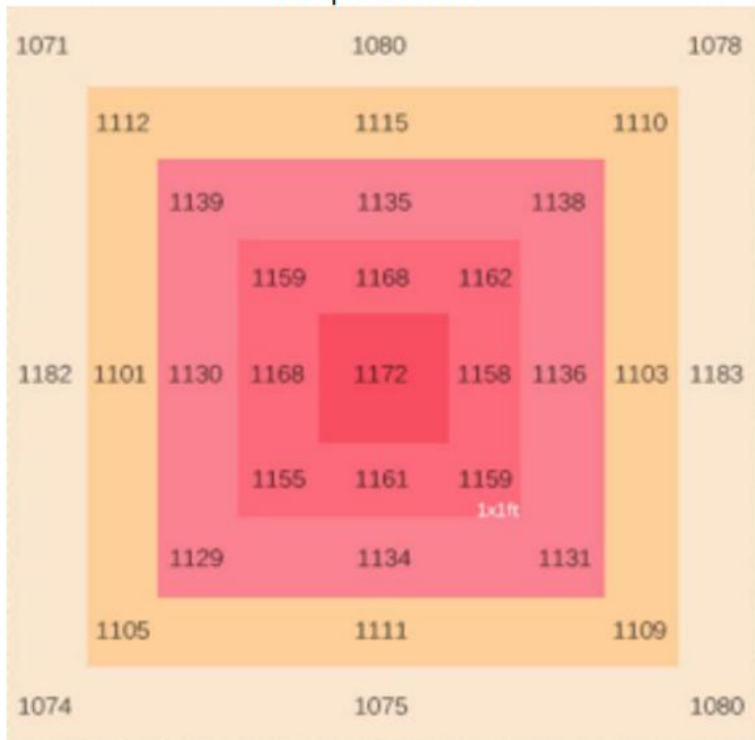
1. **High PPFD and Uniform** : up to 1735  $\mu\text{mol/s}$  at height 6" (15cm) and 1200  $\mu\text{mol/s}$  at 18" (45 cm) height, PPFD value at a same level in center of footprint compare to the edge pot, it is uniform in every corner of the footprint !





6"/0.5ft/15cm

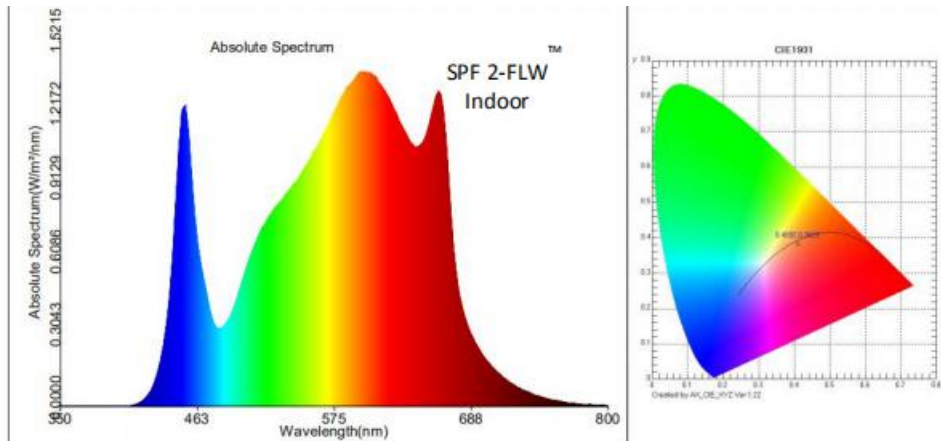
(640W)  
Footprint:4ftx4ft



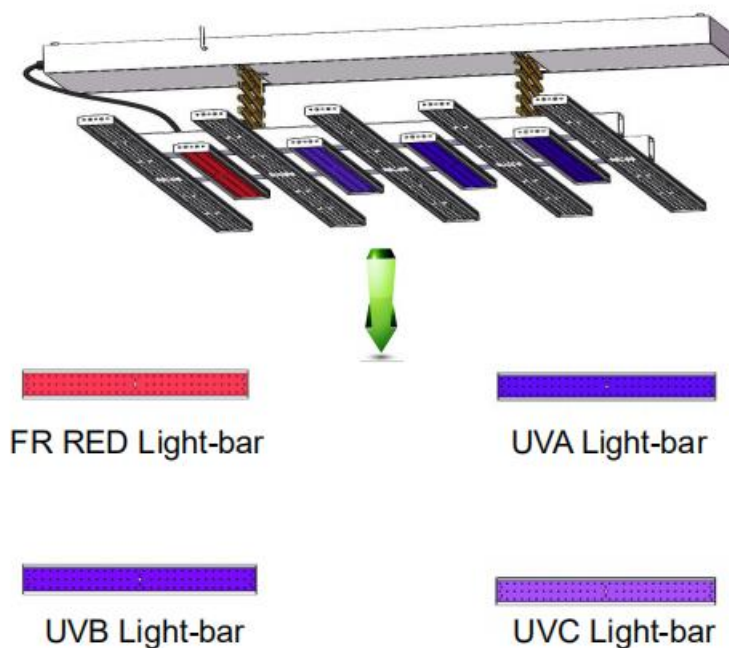
18"/1.5ft/45cm

2. **Full spectrum (400-800nm)**, We customized our light spectrum to optimize plant growth and increase yields while consuming less energy and reducing operating costs compared with traditional HID,HPS lights.

customized spectrum available. you can also customize the spectrum you like by add UVA/UVB/UVC/FR RED lighting bar depends on your requirements .



- 1.UVA light-bar:270-285nm@1-60W Can be customized
- 2.UVB light-bat:285-320nm@1-60W Can be customized
- 3.UVC light-bar:320-400nm@1-60W Can be customized
- 4.FR RED light-bar:780-1300nm@1-60W Can be customized



### 3. Industrial grade control system, also applied to large farm .

#### OPTION 1 DALI Control System



#### Product Features

- ◆ Timer
- ◆ Dimmer
- ◆ Sunrise and Sundown
- ◆ Humidity and Temp Sensor
- ◆ Veg and Flower Room Grow Separately



Can Control 100pcs at same time

#### OPTION 2 WIFI Control System

Wireless signal




Can Control 60000pcs dimmers



The effective radius is with in 500m

3. **P56 Water-resistant, no fans , no noise:** adopt superconducting Aluminum as heatsink provide enough heat dissipation ,long lifespan , low light decay.

**Basic Parameters:**

<b>SPECIFICATION</b>	
<b>Photo</b>	
<b>Model No.</b>	<b>SPD-5P</b>
<b>Power (W)</b>	<b>640W</b>
<b>Dimension (mm)</b>	1000*1000x1000mm
<b>Input voltage</b>	AC 100 ~ 277V 50/60Hz
<b>Light source</b>	Epistar/ GuangHong/SanAn LED
<b>LED Q'ty</b>	3960
<b>Wavelength</b>	400-800nm
<b>Dimming</b>	0-100%(WIFI)/DALI_RJ14
<b>PF Factor</b>	>0.95
<b>Output PPF</b>	1686 umol/s
<b>PPF Efficiency</b>	<b>2.62umol/s/W</b>
<b>PPFD @18''=45cm</b>	<b>1172 umol/s</b>
<b>G.W (kg)</b>	18 kg
<b>Packing Size (cm)</b>	119*64*48cm (light body) 67*24*29 (power box)
<b>IP Grade</b>	IP56
<b>Warranty</b>	<b>3 years</b>

## Packaging&Delivery :

Dimensions				
Part	Length	Width	Height	Weight
Spider x 5	3.89" 1185mm	0.21" 63.5mm	0.16" 48mm	1.13Kg x 5
Power Box	2.88" 879mm	0.66" 200mm	0.24" 73mm	9.7Kg
Total	3.94" 1194mm	0.79" 327mm	0.94" 217mm	15.7Kg

## Lead time:

Sample 1 pc , 1-3 working days ,2-20 pcs : 3-7 working days

21-100 pcs : 10 working days ,>100pcs , to be confirmed

## Application :

- Greenhouse Lighting, Indoor Farm Lighting, Grow Room Lighting, Horticulture Lighting, Grow Tent Lighting
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- Medical plants, Vegetable, Flowers, Crops, Fruits, Herbs, Leafy greens, pot culture,
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- Clone, seedlings, vegetative stage, blooming, harvest

