

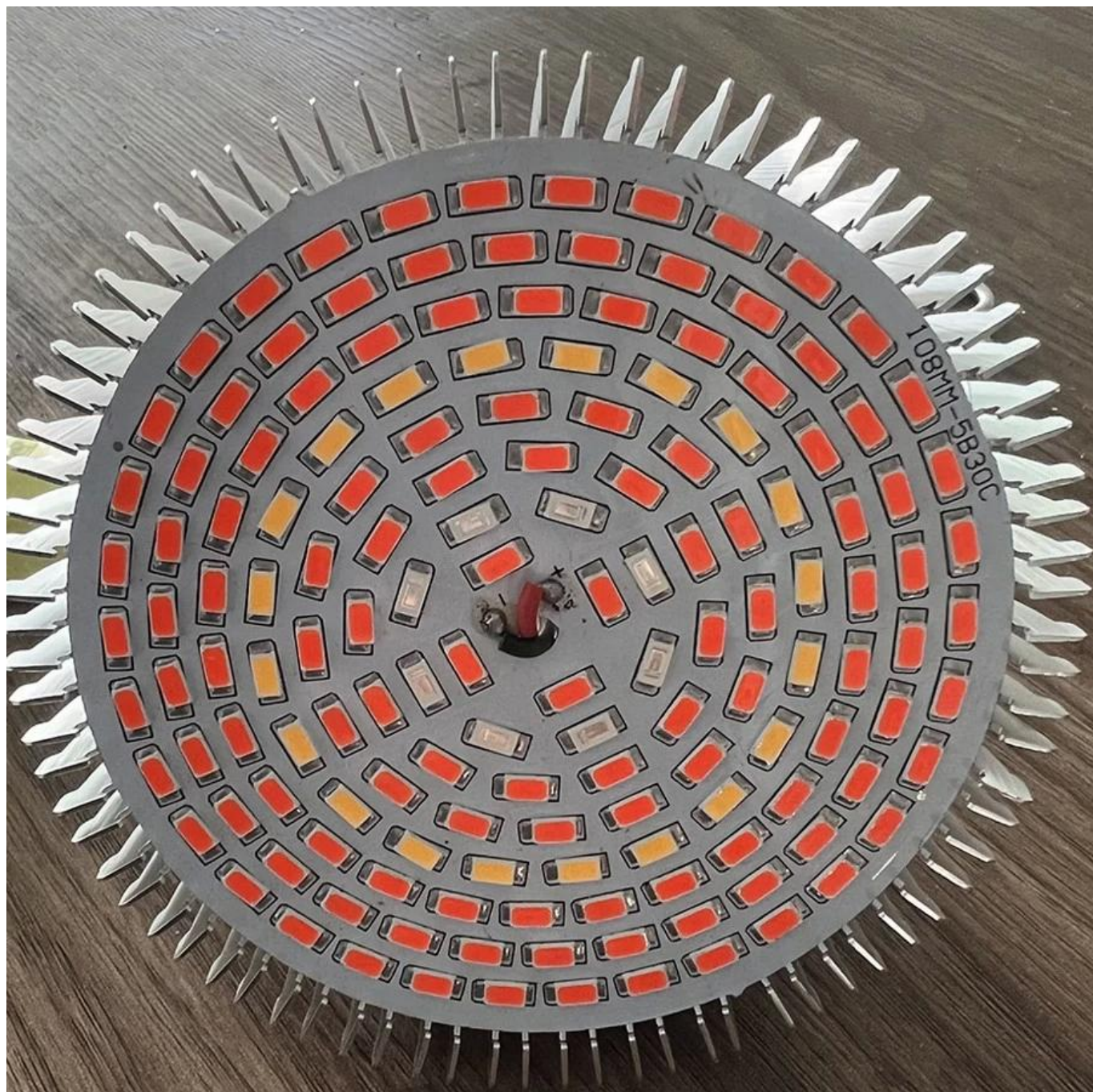
150 Led

 :

	/ /
	150W
	35
PPE	2.5μmol/J
PPF	65μmol/J
PF	≥0.9

 :







E26/E27 Base



Gear Aluminum
Heat-sink

12.5cm/4.9in



12cm/4.72in



White Full Spectrum

Perfect for all plants full cycle



Super Brightness LEDs

Lower energy costs



Rapid Cooling Hole Design

Highly efficient heat dissipation



E27 Base, Easy to Install

Fits All standard E27 Sockets



High Quality IC Driver

Safe, Longer Life



Thermal Conductivity Aluminum

Aluminum material, energy-saving



LED GROW LIGHT

- White Full spectrum
- High luminous efficiency
- Good heat dissipation
- Lighting range: about 3-5 square meters



Seeding



Germinating



Vegetable



Flowering



Harvest

0	248	253	251
	$\mu\text{mol}/\text{m}^2 \cdot \text{s}$	$\mu\text{mol}/\text{m}^2 \cdot \text{s}$	$\mu\text{mol}/\text{m}^2 \cdot \text{s}$
6in	123	129	125
	$\mu\text{mol}/\text{m}^2 \cdot \text{s}$	$\mu\text{mol}/\text{m}^2 \cdot \text{s}$	$\mu\text{mol}/\text{m}^2 \cdot \text{s}$
12in	99	102	95
	$\mu\text{mol}/\text{m}^2 \cdot \text{s}$	$\mu\text{mol}/\text{m}^2 \cdot \text{s}$	$\mu\text{mol}/\text{m}^2 \cdot \text{s}$
18in	80	83	77
	$\mu\text{mol}/\text{m}^2 \cdot \text{s}$	$\mu\text{mol}/\text{m}^2 \cdot \text{s}$	$\mu\text{mol}/\text{m}^2 \cdot \text{s}$
24in	58	63	55
	$\mu\text{mol}/\text{m}^2 \cdot \text{s}$	$\mu\text{mol}/\text{m}^2 \cdot \text{s}$	$\mu\text{mol}/\text{m}^2 \cdot \text{s}$
30in			



350-400nm UV and Purple ray help form pigments, vitamin D, absorb phosphorus and aluminum.

400-499nm Blue ray helps promote photosynthesis.



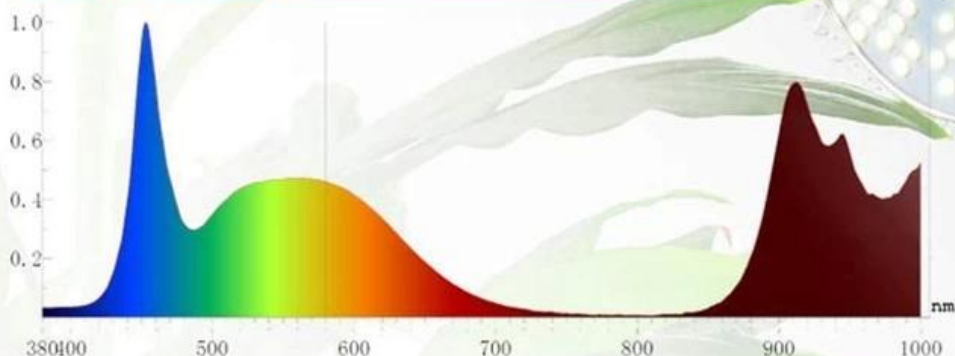
500-599nm Green ray is meaningful for plant morphology.



600-760nm Red ray is the most helpful for growth, bloom, fruit.



760-1000nm IR help regulate physiological activities, shading and flowering.



Photosynthetically Parameters

PPF=54.637umol/s	PPFuv=0.265umol/s	PPFb=17.000umol/s
PPFg=24.614umol/s	PPFr=13.023umol/s	PPFir=64.498umol/s
PRF=10.1W		Photon Flux=119.401umol/s
PHIeuv=0.0815W	PHIeb=4.4221W	PHIeg=5.3405W
PHIer=2.4556W	PHIefr=8.3047W	R:B=0.5553
300~400nm: 0.4%	401~500nm: 21.5%	501~600nm: 25.9%
601~700nm: 11.9%	701~800nm: 1.1%	>800nm: 38.9%
Φ_{chA} =0.1719W	Φ_{chAt} =0.7111J	PPE=2.9umol/J
Φ_{chB} =0.1417W	Φ_{chBt} =0.5863J	PFE=1.084W/W

Photo Parameters

Flux: 3724.11lm

Radiant: 20.60W

Ele. Parameters

Voltage: U=220.200V

Power: P=19.00W

Current: I=0.1600A

Power Factor: PF=0.539

