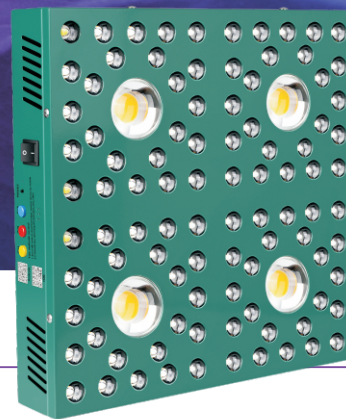




## PRODUCT DATA SHEET

# LINFA 400



### Characteristic

- 1) Latest white grow technology brings you the daylight in your grow rooms, see your plant growing big and strong in natural colors.
- 2) Two Ways easily to grow indoors by Manual & Remote Control Modes.
- 3) Quality lens with light transmittance over 95% increases PAR output and canopy penetration by up to 250% while ensuring a more uniform footprint.
- 4) Carefully selected spectra delivering the sun spectrum that is needed by plants.
- 5) Perfect heat management, cool to touch.



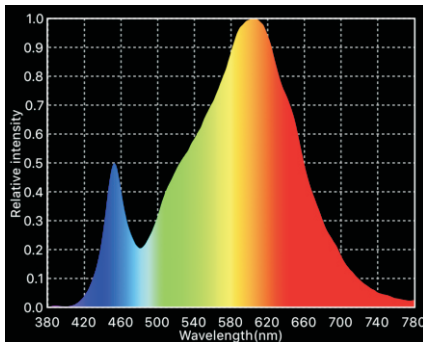
### Specifications

	ITEMS	LINFA 400
Product	Power Consumption	400W
	Dimension(L*W*H)	400 x 400 x 75mm
	Packing(L*W*H)/ BOX	505 x 480 x 170mm
	Weight	7.3 KG
	Daisy Chain	2 units ( MAX)
Power	AC Input Voltage	AC100V~265V/50-60Hz
	Protection	Overheating Protection
	Power Factor	Over 95%
LEDs	Spectrum/Color Ratio	Phytolite Sun Spectrum
	LED True Watts	COB (50W)/PCS, Surround LEDs (50W)/Module
	Light Source	CREE CXA2530 COB; BridgeLux Surround LEDs
	Total Number of LED's	CXA2530 COB/4PCS BridgeLux LEDs/96PCS
Sugg. Area	Home growing	100x100cm
	Clustering area	120x120cm
Lamp Control	Dimmable	Manual & Remote Control
Heat Management	PCB	Metal PCB (aluminium) 2.0MM
	Heat Conduction	2.0 w/m.k
Ambient Temperature	Storage Temp.	0°C ~ 40°C
	Operation Temp.	-10°C ~ 45°C
Life Span		Over 50,000hr
Certifications	Standard	CE, RoHS

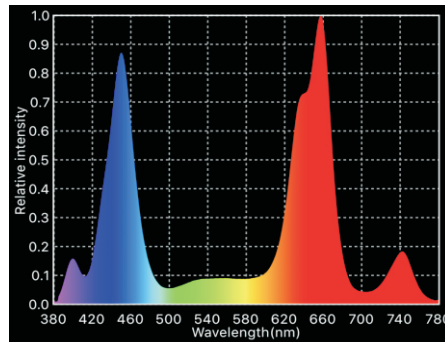


## LINFA 400 Full Spectrum

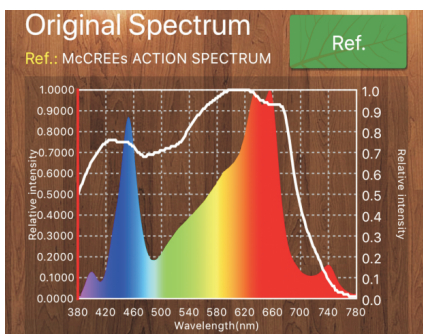
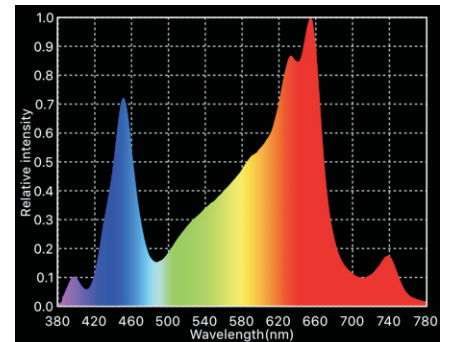
CH1: COB-ON



CH2: Surround LEDs-ON



CH1&CH2 Full Power ON



In 1972, McCree defined his "action spectrum" which is commonly used as a reference spectrum for photosynthesis.

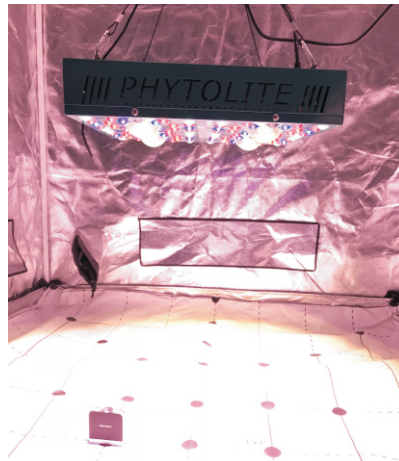
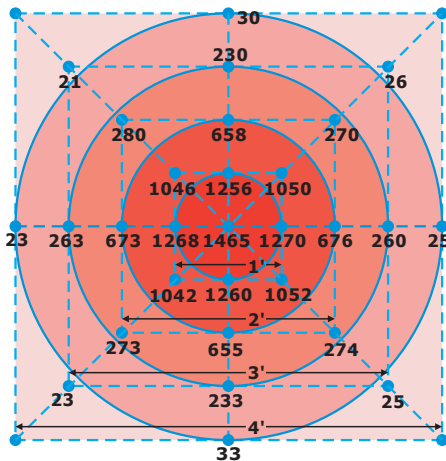
LINFA Spectrum perfectly match the McCREEs ACTION SPECTRUM which has been proved to be the best spectrum for a grow light.



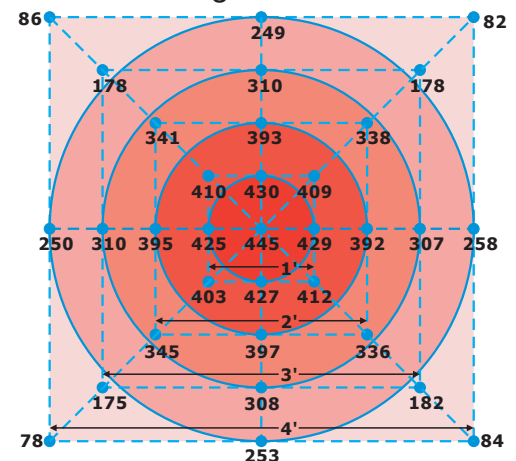
Measuring Instrument:  
Lighting Passport Spectrometer  
- Spectrum Genius Agricultural Lighting (SGAL)

## LINFA 400 PPFD ( $\mu \cdot \text{mol}/\text{m}^2 \cdot \text{s}$ )

Height: 50cm



Height: 100cm



## Use Instructions

- Designed for indoor use only, do not place near any fogger/mister or in ambient rooms with greater than 80% humidity
- Put the lights in a fixed position, ensure lamps and top 1" distance, can not block the vents. This will ensure ample airflow for maximum heat dispersion.
- Use with a properly grounded outlet only.
- For primary lighting, position the light 10"-20" from the top of the canopy. Ideal positioning will vary depending upon plant size, strain and species. Supplemental lighting solutions can be used such as a T5 or HPS and would be ideal at 15"-25" from the canopy.
- Do not stare directly at the LED diodes when unit is powered without proper protection.