PRODUCT DATA SHEET

CLOROFILLA PRO GX 165W

Characteristic

1) Using the latest lighting technology including the USA made CREE CXB COB and German Osram SSL LEDs which are both specifically designed for horticultural lighting.
2) With two ON/OFF switches to easily meet the different light requirements needed by plant at each growth stage.
3) Unique and patented reflector design guarantees both an outstanding PAR output and a proper lighting coverage.
4) Carefully selected spectra delivering the sun spectrum that is needed by plants.
5) Perfect heat management, cool to touch.

Specifications

CREE LED Solution Provider OSRAM Opto Semiconductors

	ITEMS	CLOROFILLA PRO GX 165W
Product	Power Consumption	165W
	Dimension(L*W*H)	400 x 200 x 75mm
	Packing(L*W*H)/BOX	505 x 280 x 170mm
	Weight	3.7KG
	Daisy Chain	3 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 (30W)/Module
	Light Source	CREE CXB3070 COB; Osram SSL80 Surround LEDs
	Total Number of LED's	CXB3070 COB/2PCS Osram SSL/24PCS
Sugg. Area	Home growing	80x80cm
	Clustering area	100x100cm
Lamp Control	Dual switch	CH 1: COB; CH2: Surround LEDs
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

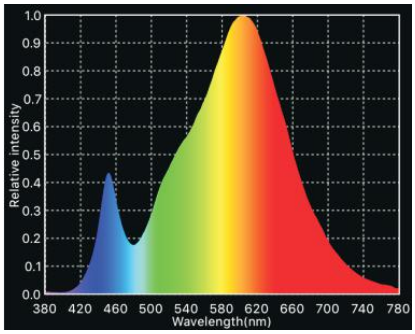
PHT TRADING SA
Via Piancorella 1
6873 Corteglia CH

www.phytolite.com
info@phytolite.com

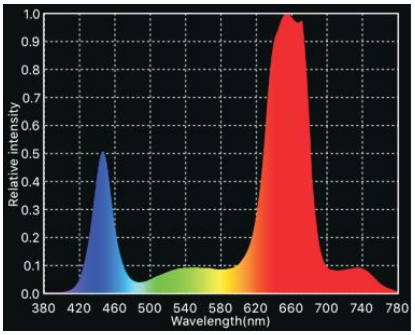
CLOROFILLA PRO GX 165W

Full Spectrum

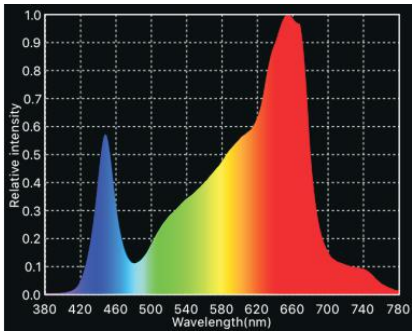
CH1: COB-ON

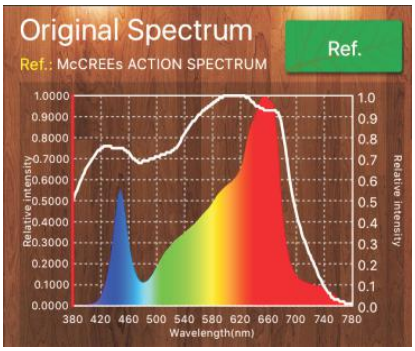


CH2:Surround LEDs-ON



CH1&CH2 Full Power ON





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

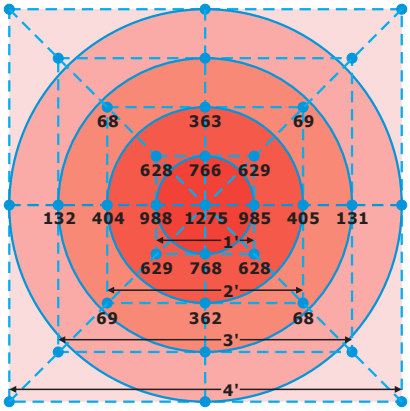
Clorofilla's Spectrum perfectly match the McCREEs ACTION SPECTRUM which has been proved to be the best spectrum for a grow light.

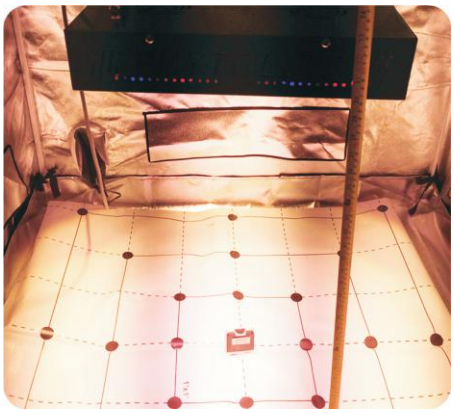
Measuring Instrument:
Lighting Passport Spectrometer
- Spectrum Genius Agricultural Lighting (SGAL)

CLOROFILLA PRO GX 165W

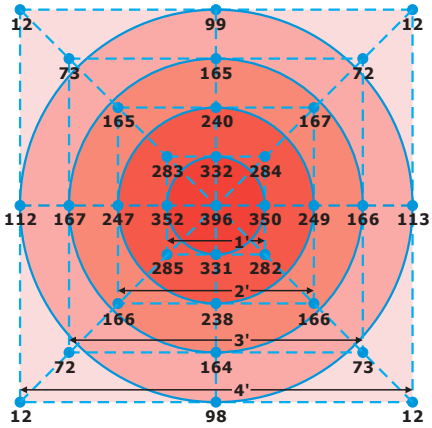
PPFD (μ • mol/m²·s)

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 lightig,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 proetction.

PHT TRADING SA
Via Piancorella 1
6873 Corteglia CH

www.phytolite.com
info@phytolite.com