

HORTICULTURE & FARMING

LiquidoTop

Improving growth cycle with best light spectrum, efficiency and full automation support.

LiquidoTop supplemental light supports plants to grow from seed to full bloom faster and more efficient than any other technology available on the market. Offering best fit spectrum of light, *LiquidoTop* enables the grower to optimize the process of photosynthesis, thus speeding up the growth cycle as well as creating a consistent and healthier product.

Featuring our optional add-on digital wireless ecosystem, it allows tailoring the lighting conditions to the plant's needs through sensory monitoring and AI analytics, delivering a highly accurate, automated process for sustainable horticulture & farming.

Benefits

1. Maximized yield from steady & optimal light all year
2. Suitable for any type of crop, adjustable spectrum to all specific plant growth requirements
3. Maximized crop quality in terms of appearance, taste, nutritional values, shelf life & pesticides prevention
4. Supplemental light with minimal shadow due to very low form-factor.

Features

1. Dimmable
2. Advanced wireless control for single & multiple fixture groups

HORTICULTURE & FARMING

Product Segment: Horticulture & Farming

Product Type: Green Hous

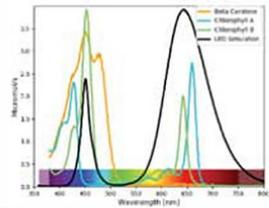
Product Family: LIQUIDO TOP

LIQUIDO TOP family of Horticulture luminaires by Juganu provides all the benefits of JLED[®], based on LightCell[®], including controlled spectrum, efficiency and full automation support.

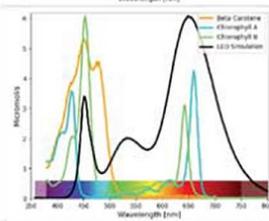


Wavelength options (can be also mixed)

Option 1



Option 2



GENERAL INFORMATION

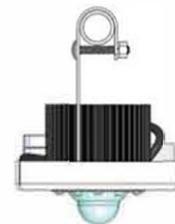
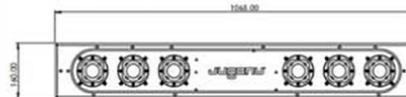
Dimensions	W x L x H = 16 cm x 106 cm x 8.2 cm
Weight	8 Kg
Mounting	I-hooks mounting kit - Mounting with two hanging brackets, ø33mm pole
Warranty	10 years

OPERATIONAL AND ELECTRICAL

Power Consumption	0 to 480W (continually dimmable)
Dimming	Factory set, 0 to 10V, wireless control
System Efficacy	1.67 [PPF/W] electric [micromole/J]
Operating Voltage	Nominal 200-240 VAC
Operating Frequency	47 - 63 Hz
Ingress Protection Rating	IP65
Operating Temperature	0° to 40° C (32° to 104° F) ambient
Storage Temperature	-40° to 70° C (-40 to 158° F)
Cooling	Passive, Noise 0 dB

LIGHTING CHARACTERISTICS

Luminous Flux (PPF)	800 μMol/s (380nm to 850nm range)
Lumen Maintenance	L90 - 60,000 hours L70 - 120,000 hours Light reduction <1% / Year



Information provided is subject to change without notice; All values are designor typical in laboratory condition