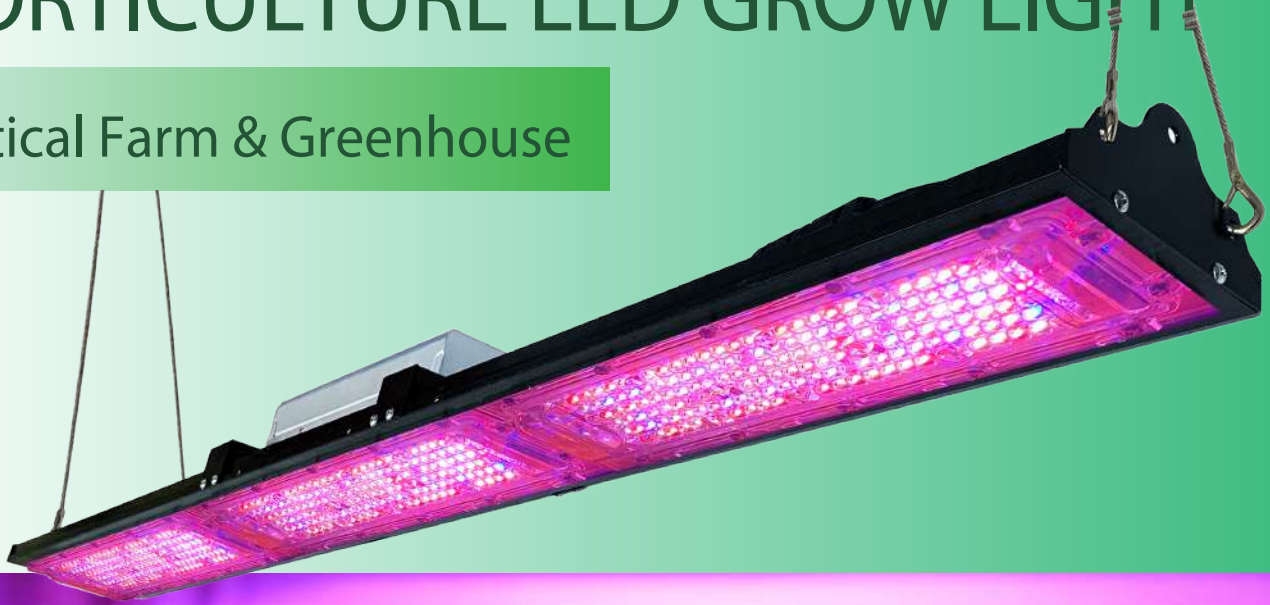


THE LIGHT YOU CAN TRUST



HORTICULTURE LED GROW LIGHT

Vertical Farm & Greenhouse



CANNABIS

OIL 90



TIS 1955 2551



Products of Thailand

Cannabis Grow Light

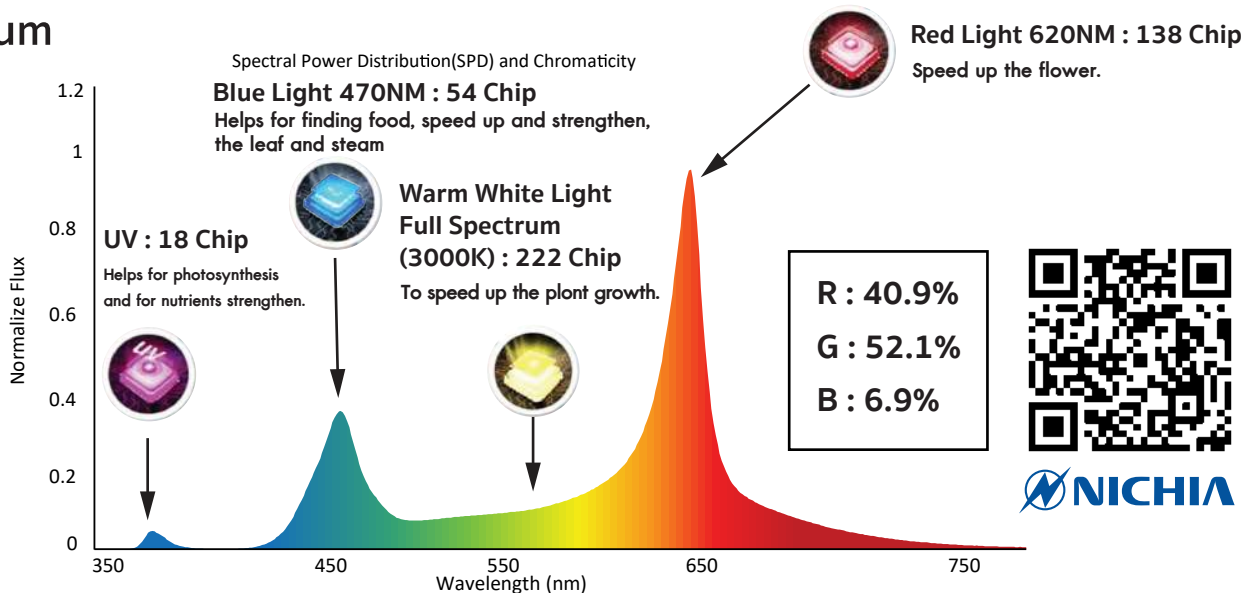


Specification

Model	WIP-Cannabis oil 90
Power Consumption	150W
LED Light Source	Nichia (Hortisoris)
Operating Temperature	-10 °C to + 65 °C
Surge Protection	4 kV
Heatsink	AL Profile
Optic Material	PMMA
Driver	Meanwell
PPF (PAR,400-700nm)	239 $\mu\text{mol/s}$
PPFD : At 30 cm.	190 $\mu\text{mol}/(\text{m}^2*\text{s})$
- RED	40.9%
- GREEN	52.1%
- BLUE	6.9%
Input Voltage	100-240 VAC 50/60Hz.
Beam Angle	120°
Power Factor	>0.95
IP Rating	IP67
Life Time	50,000 hrs.
Dimension in mm. (WxLxH)	112x997x81
Supension cable length	50 cm.
Total Weight (kg.)	3.5 kg.
Warranty	2 Years



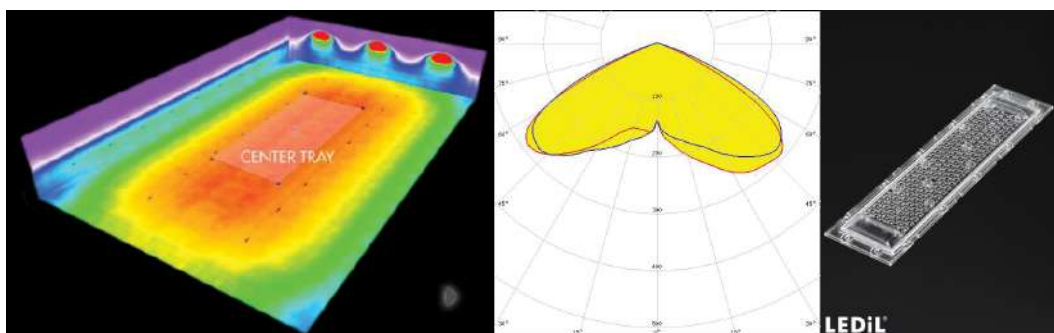
Spectrum



Energy Saving /4m²

Operating Time (Hrs.)	16	Hrs.
Electricity charge Per Unit (Baht)	4.6	Baht
Amount of lamp appliance	1	Lamp
Power consumption (W)	150	W
Covered area (Meter)	2 x 2	M
$\frac{\text{Appliance Wattage} \times \text{Hours} \times \text{Amount of Appliance lamp}}{1,000}$	1 Day	2.4 Unit
	30 Days (1st Month)	72 Unit
	60 Days (2nd Month)	144 Unit
	90 Days (3rd Month)	216 Unit
Real Electricity cost (Baht)	1 Day	11.04 Baht
	30 Days (1st Month)	331.20 Baht
	60 Days (2nd Month)	662.40 Baht
	90 Days (3rd Month)	993.60 Baht

Beam Angle

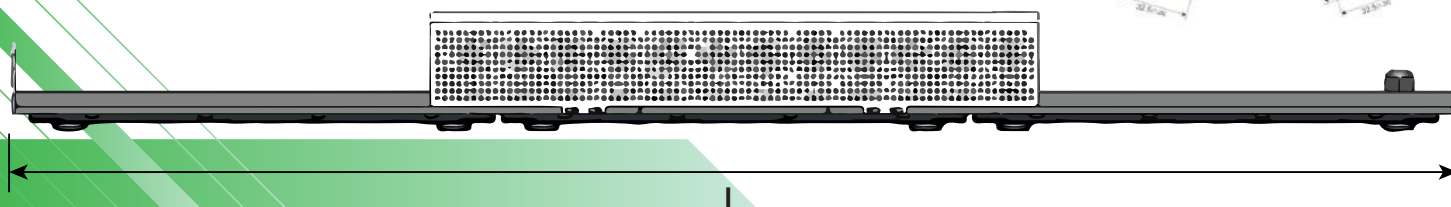
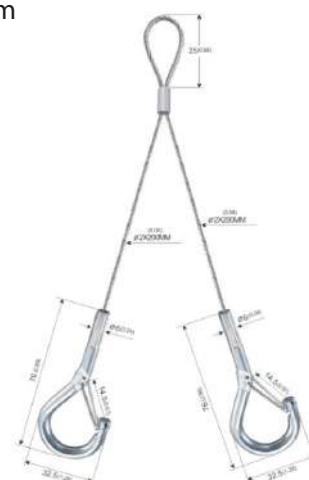
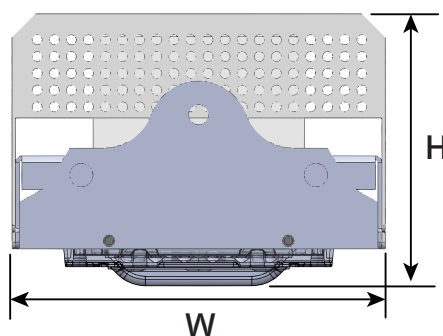


Designed to achieve over 90 % PPFD uniformity across the 6 meter growing tray while reducing power consumption.

CS16619_DAHLIA-TL110
~120° wide beam

Dimension (in mm.)

W	L	H
112	997	81

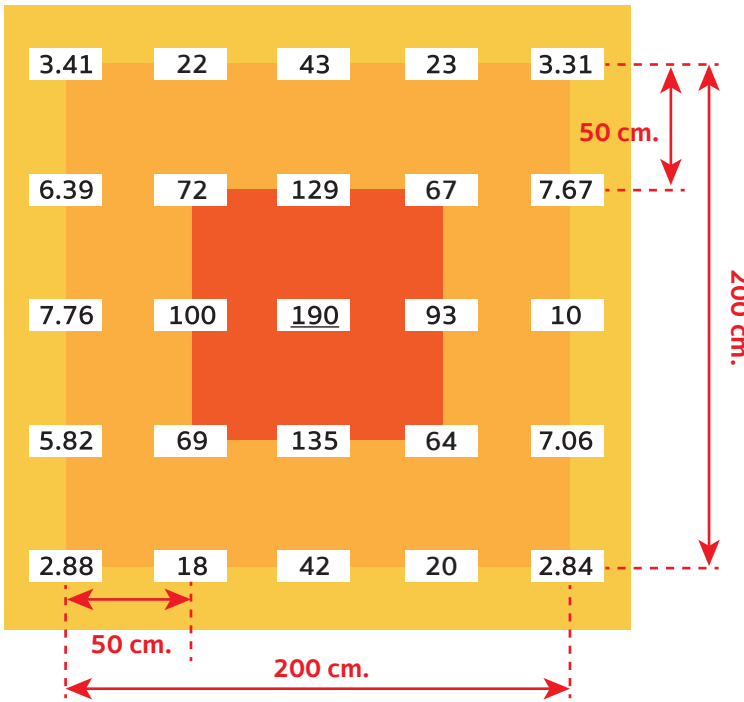


PPFD MAP

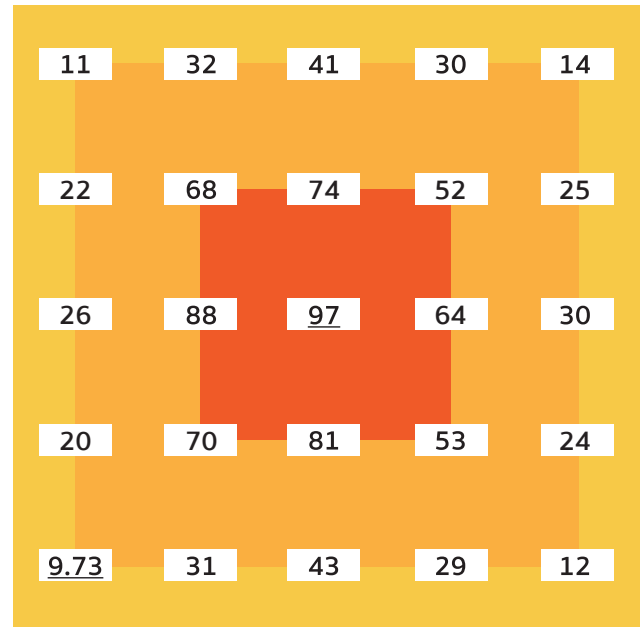


Unit : $\mu\text{mol}/(\text{m}^2 * \text{s})$

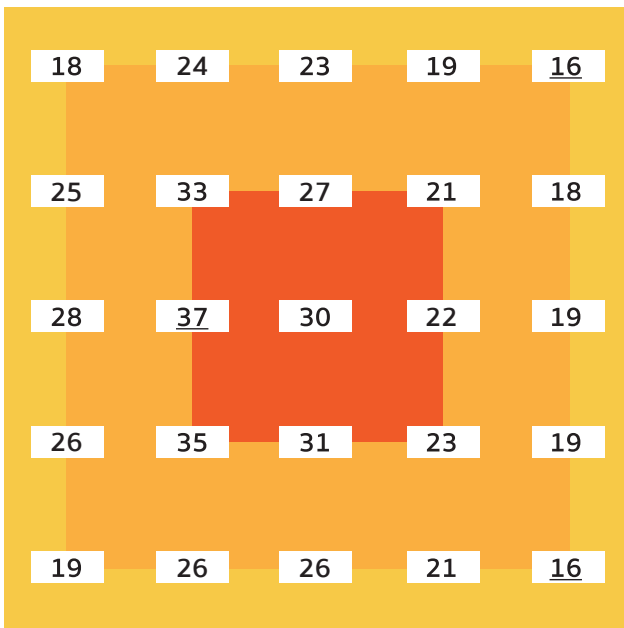
Height : 30cm.



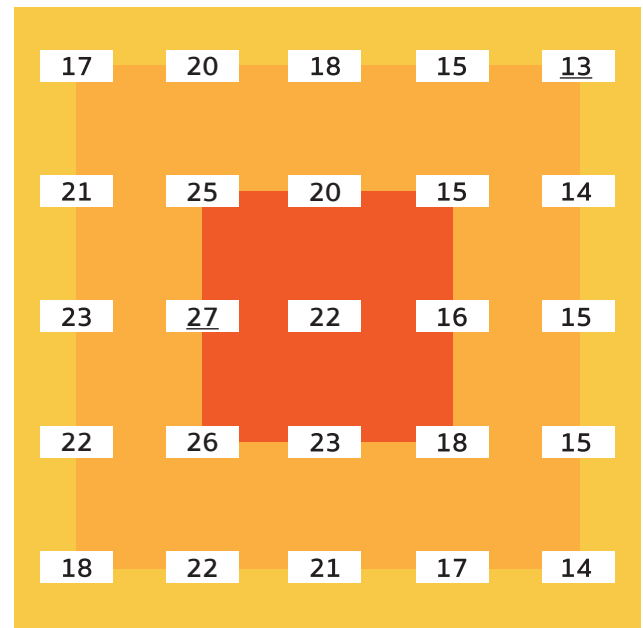
Height : 50cm.



Height : 100cm.



Height : 120cm.



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