

630W
LED
TOP

3.3
μmol/J



Libolux LED is a top-lighting solution designed for commercial horticulture cultivation and home hobbyists. This advanced lighting system offers a full-cycle top-lighting solution, ideal for those cultivating without CO2 supplementation at ambient conditions around 400 ppm. With an impressive efficiency of 3.3 μmol/J, the Libolux LED features UV and IR diodes, enhancing plant growth and overall performance.

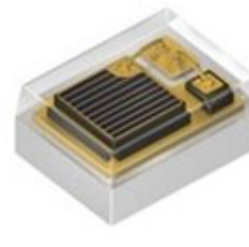
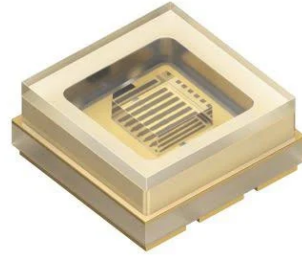
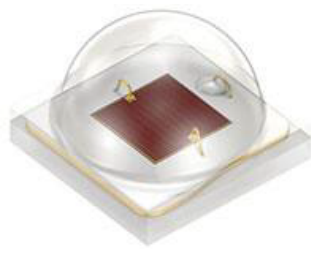
SAMSUNG
3000K+5000K

OSRAM
660NM

OSRAM
UV

OSRAM
IR

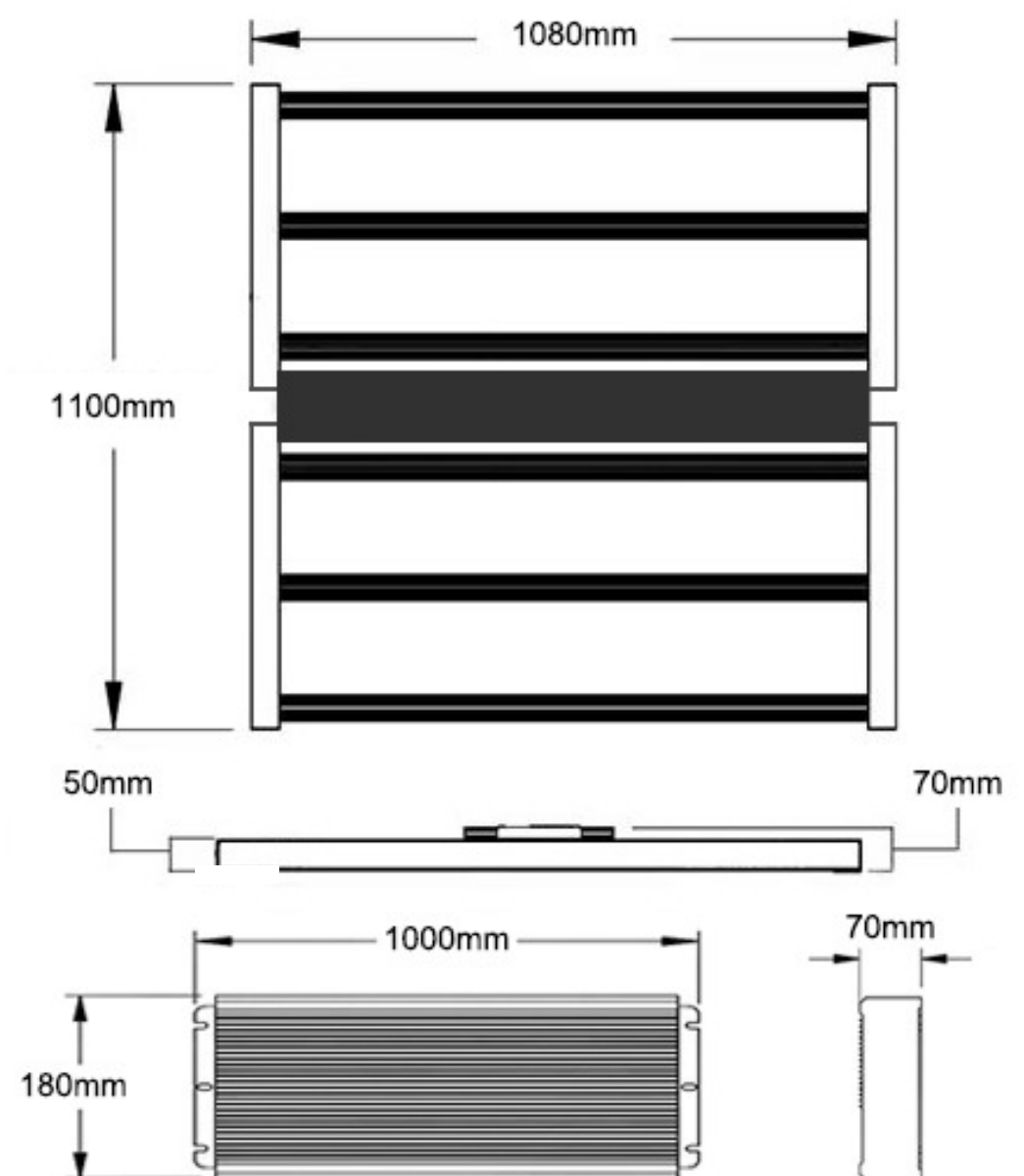
SOSEN
DRIVER



- 6 Bar design, with a total of 3540 diodes
- 3.3 μmol/J
- UV&IR individually selected

SPECIFICATIONS	
Product Name	LIBOLUX 3.3 TOP
Spectrum	Full Spectrum
Light Output PPF	2079 μmol/s
Efficacy	3.3 μmol/J@AC
AC Input Power	630W
Light Distribution	120°
Thermal Management	Passive
Mounting Height	50 CM - Above Canopy
Max Ambient Temperature	86°F / 30°C
Dimming	10 V-Source
Connections	RJ45 INPUT/OUTPUT
Total Harmonic Distortion THD	<10%
Lifetime	L90:>50.000hrs
Dimensions L*W*H	1100*1080*50mm
Warranty	5 Years Standard Warranty

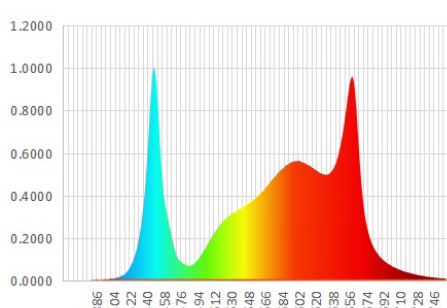
DIMENSIONS				
Part	Length	Width	Height	Weight
Libolux LED	42.5"	43.3"	1.9"	19.8 lbs
	1080mm	1100mm	50mm	9kg
Driver	39.3"	7"	2.7"	8.27 lbs
	1000mm	180mm	70mm	4.5kg



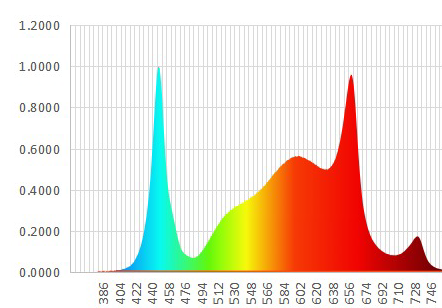
AC VOLTAGE	120V	208V	230V	277V
AC Current	5.43A	3.06A	2.76A	2.28A
AC Power	652W	636W	635W	630W
Power Factor	0.997	0.991	0.99	0.98

SPECTRUM

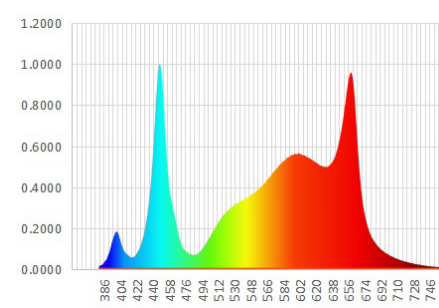
Full Spectrum



Full Spectrum + IR



Full Spectrum + UV



Full Spectrum + UV + IR

