



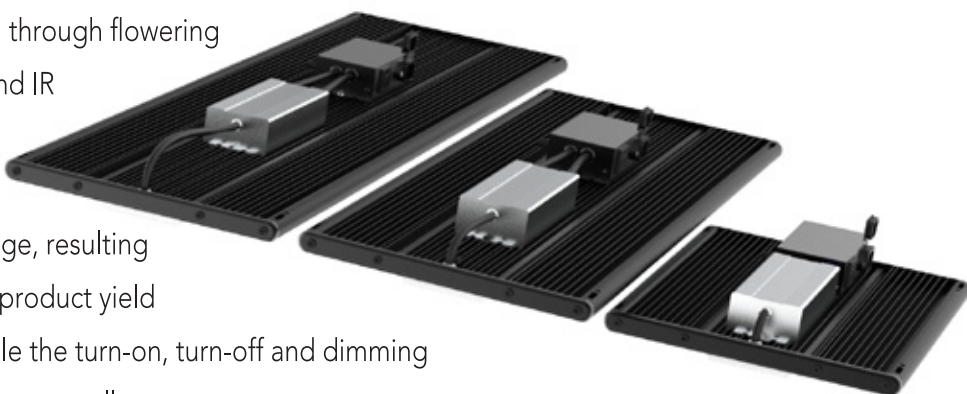
LED PROSTAR BOARD LIGHT (BL01)

Applications:

Indoor cannabis grows with low canopy heights, covers all growth stages.

FEATURES

- Offers efficacy of 2.7 umol/J with superior uniformity for better canopy penetration
- Designed for grows with low canopy heights and vertical rack farming
- Ideal for all growth stages, propagation through flowering
- Offers full spectrum White, Blue, Red and IR (3000K, 5000K, 660Nm and IR 760 Nm)
- The 660 Nm and IR light enhances the photosynthesis during the flowering stage, resulting in shorter flowering time and increases product yield
- Designed with digital control to schedule the turn-on, turn-off and dimming of multiple fixtures, up to 100 fixtures per controller
- Input voltage is 100-277V
- IP66 rated and suitable for use in ambient temperatures ranging from -20 to 40°C (-4 to 104°F)
- Standard 5-year limited warranty



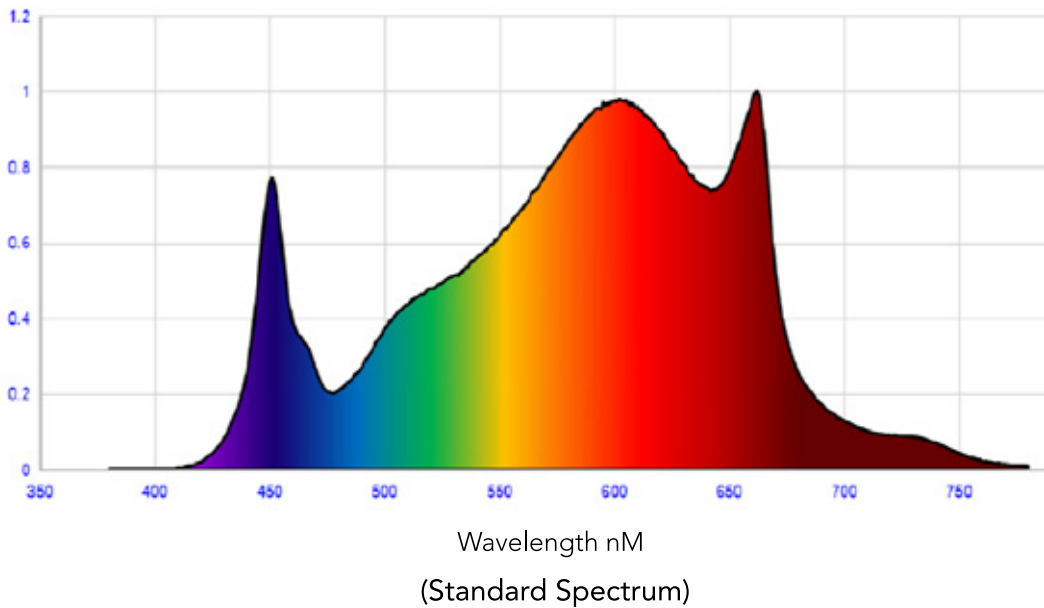
DIMENSIONS

Wattage	Length	Width	Height
100W	47"	10.63"	2.76"
	300mm	270mm	70mm
150W	14.17"	10.63"	2.76"
	360mm	270mm	70mm
200W	23.62"	10.63"	2.76"
	600mm	270mm	70mm
300W	47"	10.63"	2.76"
	720mm	270mm	70mm
450W	35.43"	10.63"	2.76"
	900mm	270mm	70mm

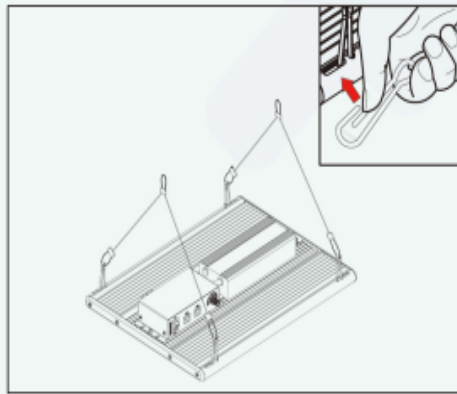
TECHNICAL SPECIFICATIONS

Item	BL01-100	BL01-150	BL01-200	BL01-300	BL01-450
Input Power	100W	150W	200W	300W	450W
Input Voltage	AC110-277V	AC110-277V	AC110-277V	AC110-277V	AC110-277V
Spectrum	Full Spectrum + Far Red				
Light Output PPF	270µmol/s	400µmol/s	540µmol/s	800µmol/s	1200µmol/s
Efficacy	2.7 µmol/J	2.7 µmol/J	2.7 µmol/J	2.7 µmol/J	2.7 µmol/J
Max. Ambient Temperature	104°F / 40°C				
Dimming	0-10V				
THD	< 10%				
Lifetime	L90: > 50,000hrs				
Veg Coverage	2.5X2.5FT at 16"	3X3FT at 16"	3X4FT at 16"	4X4FT at 18"	5X5FT at 18"
Flower Coverage	2X2FT at 12"	2.5X2.5FT at 12"	2.5X4FT at 12"	3X3FT at 14"	4X4FT at 14"

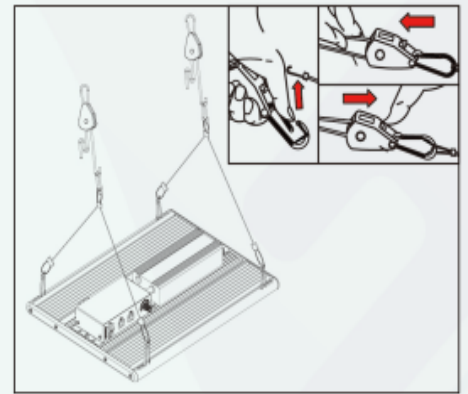
SPECTRUM



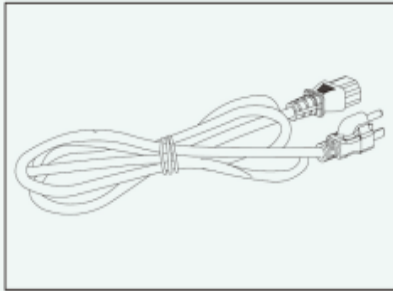
INSTALLATION



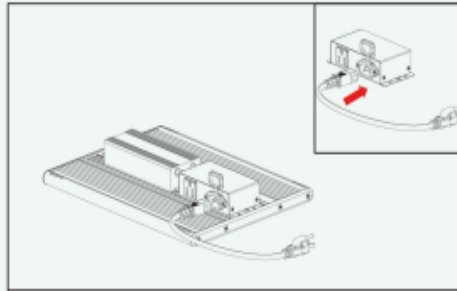
1 . hang up 4-foot steel hanger



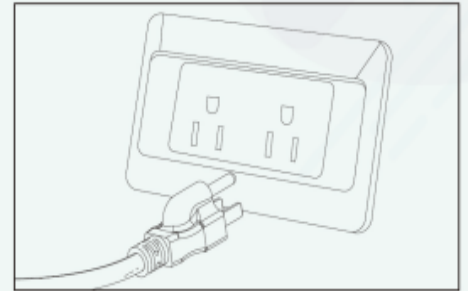
2 . hang up adjustable rope ratchet



3 . AC Cable



4 . Connect the controller with AC cable



5 . Plug in power cord

ORDERING GUIDE

Example: AO-BL01-100-LV-DIM-PL1-BK-WRH

Fixture Type AO-	Wattage 	Voltage 	Dimming Options 	Power Cord / Plug - X (Note1/2)	Finish 	Fixture Mounting Options
BL01 LED ProStar Board Light	100 100W 150 150W 200 200W 300 300W 450 450W	LV 110-277V	DIM 0-10Vdcd DC Digital Controller	PL1 NEMA 5-15P PL2 NEMA 5-20P PL3 NEMA L5-15P PL4 NEMA L6-15P PL5 NEMA L7-15P	BK Black	WRH Wire Rope w/Hook AWR Adjustable Wire Rope ARH Adjustable Rope Hanger

Note: 1. Add 3, 5, 6 or 7 for cord length in feet.
2. Omit plug code when cord only is needed.