

Grow Light Series VGL04



FEATURES AND BENEFITS

2.7 $\mu\text{mol}/\text{J}$ PPF output efficiency.

Foldable design, slim and compact to save shipping cost and convenience installation.

Supporting daisy chain and 0/1V dimming.



SPECIFICATIONS

Light Source	LED
Power	640W@277V
Spectrum	FSB
Efficacy	2.7 $\mu\text{mol}/\text{J}$ @277V
Light Output	1728 $\mu\text{mol}/\text{s}$
Input Voltage	Auto sensing 120-277V/347V/480V
Thermal Management	Passive
Ambient Temperature Range	-4-104°F(-20-40°C)
Dimming	Linearly 1-10V Dimmable
Light Distribution	120°
Lifetime	50,000 hrs
Power Factor	>0.9
Certifications	UL/CUL&CE
Warranty	5 years standard limited
Dimensions&Weight	1148x1110x68.25mm(45.2x43.7x2.69in) 14.5kg/31.9lbs

NOMINAL AMPERAGE BY AC INPUT VOLTAGE

VOLTAGE	120V	208V	240V	277V	347V
VGL04 640W	5.33A	3.07A	2.66A	2.31A	1.84A

FAMILY	MODEL	SPECTRUM	INPUT VOLTAGE	AC POWER CORD
VGL04	GL04 640W	FSB	120-277V	8.2ft(2.5m)

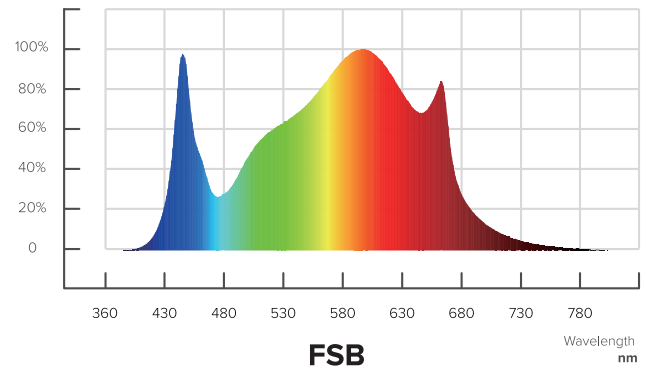
AC PLUG TYPE	DC EXTENSION CORD	MOUNTING HARDWARE
N5 NEMA 5-15P	8.2ft(2.5m)	Y-fit Hanger
N6 NEMA 6-15P		
N7 NEMA L7-15P		
EU/UK/AU		

SPECTRUM

Measurements Of Normalized
Photosynthetic Photon Flux

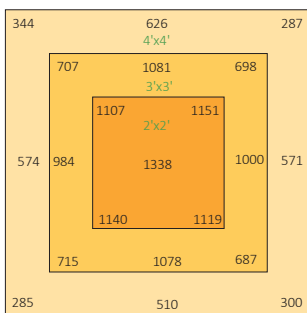
The specially deployed full spectrum fills the negligence of the main photoreceptors and pigments outside the 660nm and 450nm range, and it is suitable for reproduction to aging in indoor environments. Based on this theory we created the FSB active spectrum which has the balanced wavelength which cover all the growing stages.

Remark :The spectra could be customized for bulk order.

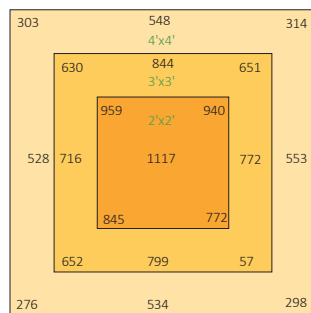


PPFD VALUE OF DIFFERENT HEIGHT

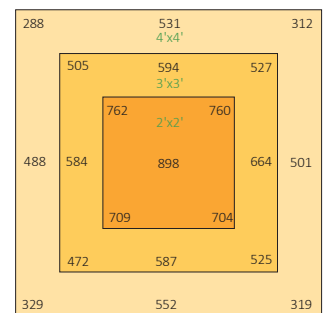
GL04640W 2.7μmol/J 6"/150mm Height



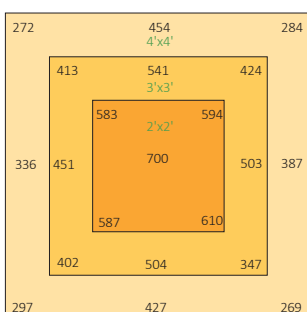
GL04640W 2.7μmol/J 12"/300mm Height



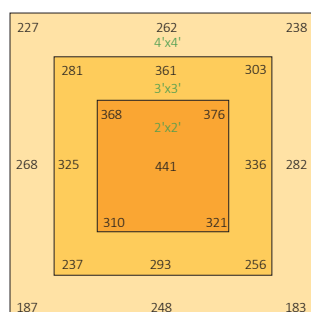
GL04640W 2.7μmol/J 18"/450mm Height



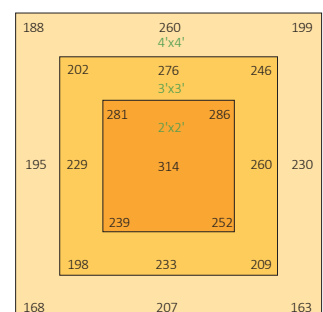
GL04640W 2.7μmol/J 24"/600mm Height



GL04640W 2.7μmol/J 36"/900mm Height

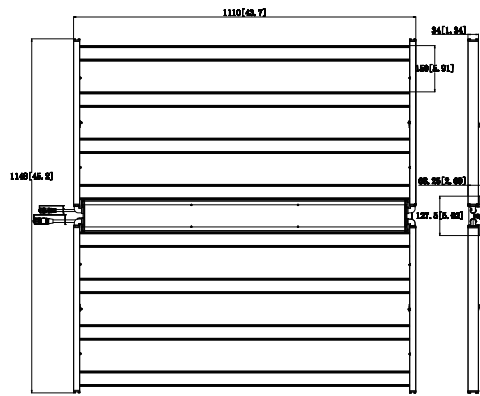


GL04640W 2.7μmol/J 48"/1200mm Height

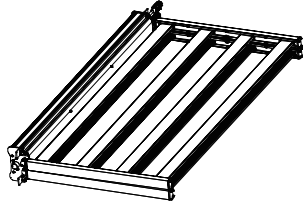


DIMENSIONS

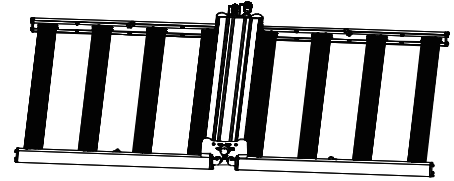
Unit: mm[in]



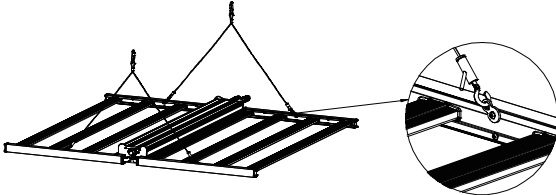
INSTALLATION GUIDE



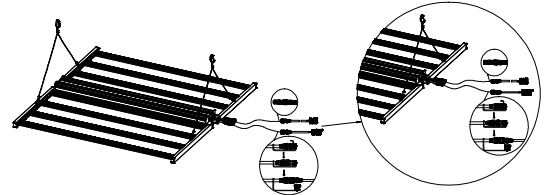
1. Remove the luminaire from packaging.



2. Gently open the luminaire by folding it open unit flat.



3. Connect Y-fit hangers to luminaire by hooking them to the four positions shown above and in picture A in the next image. Secure the other ends to sturdy hanging location.



4. Connect the AC power cord, the dimming cord for dimming options.

PACKAGE INSTRUCTION

Well packed with EPE foam and fixed with paperboard. Protect the lamp perfectly during the transportation.

