LED GROW LIGHT

PhotonGro 1
EL-PG1-1000W

PhotonGro 1
EL-PG1-1000W

E-LiTE semicon

Hello@elitesemicon.com   www.elitesemicon.com

SPECIFICATIONS

Spectrum	Full Spectrum Indoor
PPF(400-700nm)(umol/s)	2700 µmol/s
Average PPFD @ 6"	1900 umol/J/m2
Average PPFD @ 12"	1543 umol/J/m2
Efficacy	2.7 µmol/J @ 277 AC
AC Input Power	1000W @ 277V AC
AC Input Voltage	120-277V AC, 50/60Hz
Power Per Module	100W
Light Distribution	120°
Mounting Height	6"-12"/15.2-30.5cm Above Canopy
Thermal Management	Passive
Max. Ambient Temperature	-40 to 45°C/-40 to 113°F
Dimming	0-10V
Total Harmonic Distortion (THD)	< 10%
Lifetime	L90: > 36,000hrs
IP Rating	IP66
Fixture Weigh with Driver	16Kg
Certifications	ETL,DLC (Pending)
Warranty	5 Year Standard Warranty
Input Voltage	AC 100~277V, AC 347~480V
Mounting Hardware	Hanging Bracket/Chain Mount

SPECTRA

Measurements of Normalized Photosynthetic Photon Flux

Full Spectrum Indoor

Wavelength nm

DIMENSIONS

92mm

1100mm

1034mm

92mm
16.8mm

ETL LISTED Intertek

DLC QTL LISTED
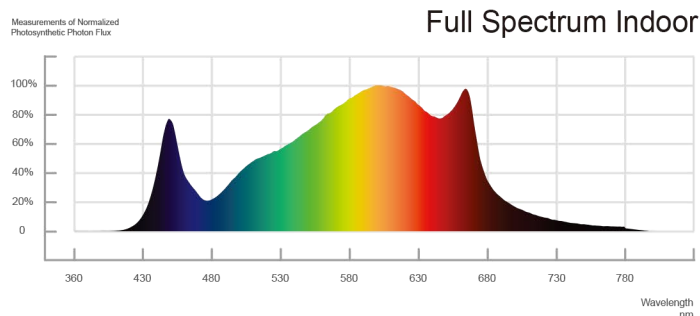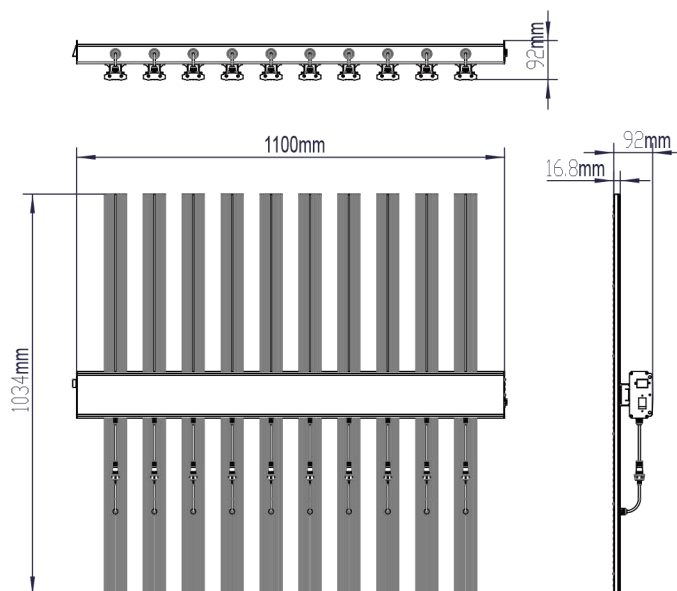
(Pending)

E-LiTE semicon

www.elitesemicon.com
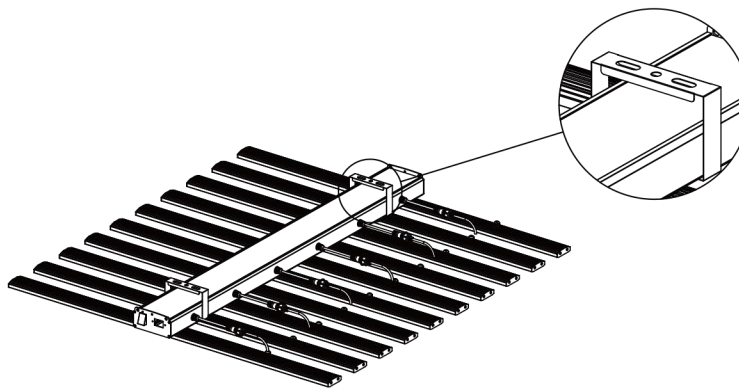Hello@elitesemicon.com

---

MOUNTING INSTRUCTIONS

MOUNTING

PhotonGro 1 Series fixtures ship with your choice of hanging hardware. To mount your PhotonGro 1 fixture, start by identifying a suitable support structure to hang your fixture from. Common support structures include pallet racks, rolling tables, Unistrut, trusses, and structural channel. For optimal results, two people are recommended to mount the fixtures.
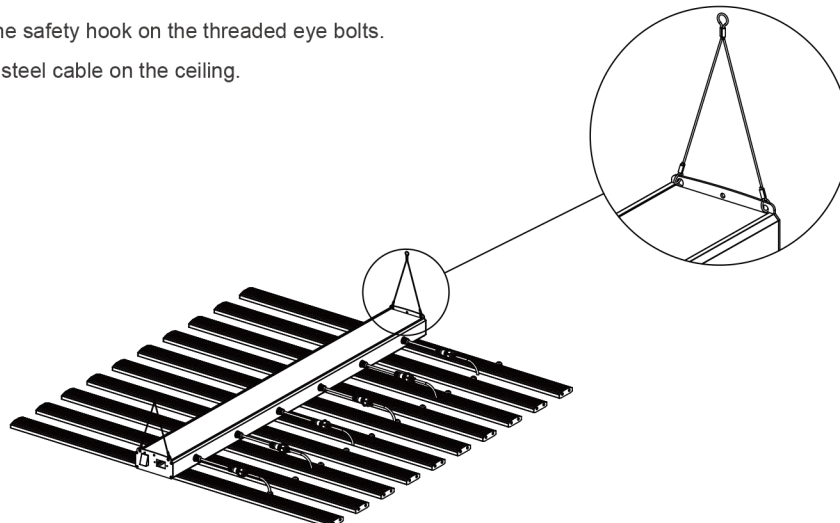
Universal Hanging Bracket

1 Rotate the bracket to the desired angle and tighten screw to lock it.
Bolt the universal mounting bracket to the field mounting point. Bolt the center point before the two side points. Tighten the bolts to wrench tight.

Chain Mount

2 Hook the safety hook on the threaded eye bolts.

Fix the steel cable on the ceiling.

ETL Listed — c ETL us — Intertek

DLC QPL LISTED

(Pending)