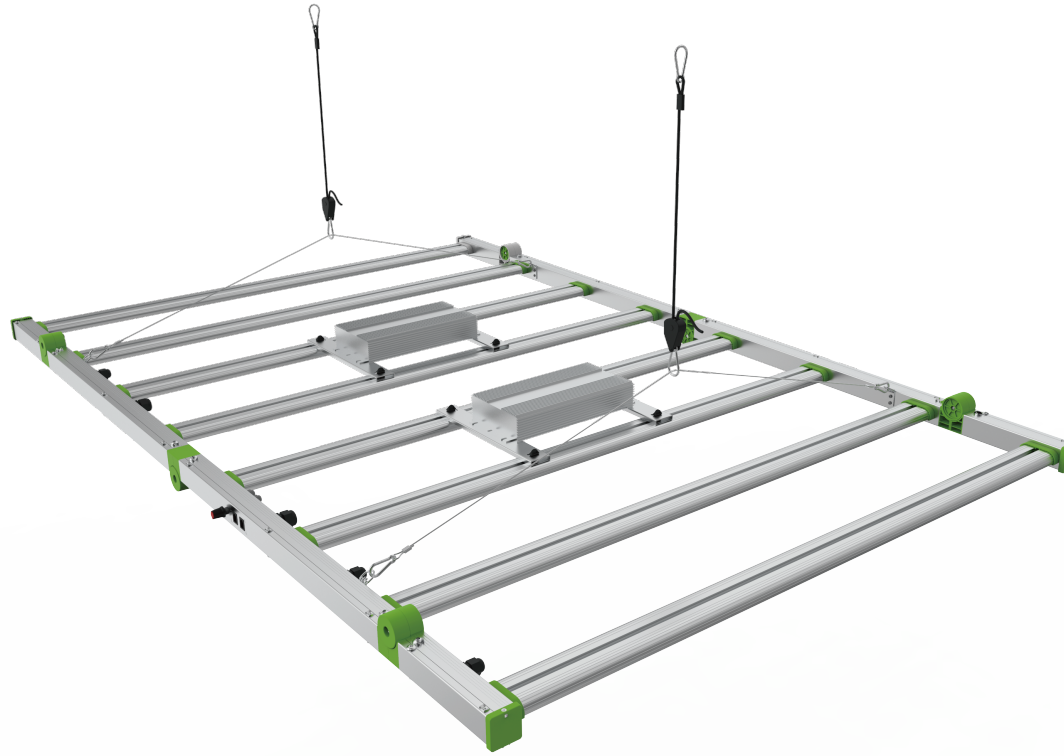


LED GROW LIGHT

860W

electrivo 



FC IP65

Application

(Suitable for flowering growth.)

- Indoor Farming
- Vertical Farming

Features & Benefits

- Constant current driver, durable life
- Full-spectrum, similar to sunlight, higher crop yield
- IP65 waterproof rating, suitable for high humidity application
- 0-10V dimming
- Flicker free
- Lifting mode, lifting height adjustable 6" - 48"
- Application environment: indoor cultivation

- **Patent folding design, fast and convenient installation.**
- **Dimmable upto 100 fixtures via daisy chain.**
- Patent folding design, fast and convenient installation.
- High quality professional gardening lamp beads.
- Uniform light distribution.
- Independent external drive, scheme installation and upgrading.
- Large coverage and high cost performance.
- LED Sunline full spectrum.
- Support 0-10V dimming.

LED GROW LIGHT

860W PPE2.7μmol/J

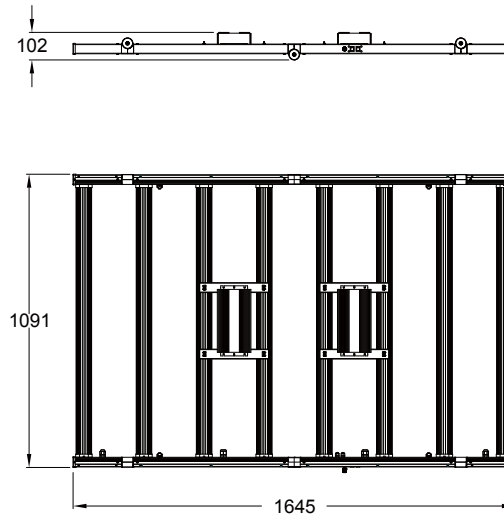
Features & Benefits

Input Power	860W
Photosynthetic photon flux	2322μmol/s
Luminous Efficacy	2.7μmol/J
Viewing Angle	110°
CRI	>88
Input Voltage	120-277VAC 50/60Hz
Amp Draw	7.53A@120V, 4.28A@220V,3.98A@240V,3.52A@277V
PF	>0.9
THD	<20%
Driver Surge protection	6KV
Dimming	0-10V
LED Type	3000K+5000K+660nm+730nm(Samsung/Seoul Diodes)
Housing	Aluminum Alloy
Housing Color	Silver
Heat Output	1842 BTU
Operating Temperature	-10~40°C/14-104°F
Operating Humidity	10%-90% RH
Storage Temperature	-25~60°C/-13-140°F
Storage Humidity	10%-90% RH
Warranty Time	5years
N.W.	11.0kg/24.80LBS
C.W.	13.9kg/30.82LBS
Packing Dimension(mm)	1145x210x730mm(45.1" x8.3" x 28.7")

Performance Data

Model	Input Voltage	Input Power	PPF	PPE	FCC
GL8-F2H-860-A66-A8D	120-277VAC	860W	2322μmol/s	2.7μmol/J	Yes

Dimension Drawing

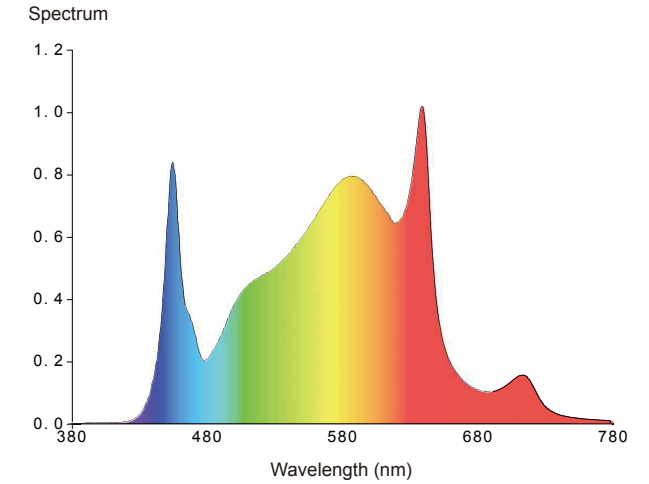


Length (L)	1645mm(64.8")
Width (W)	1091mm(42.9")
Height (H)	102mm(4.0")

Recommended Application

Multi-layer	4-5FT wide benches,4-6 in from canopy
Room	footprint 4x8FT Flowering,5x10FT Vegetative
Tent	footprint 4x8FT Flowering,5x10FT Vegetative

Spectral Distribution



PPFD Reading -- 4FT to 6FT area

618	719	757	803	790	797	790	794	754	722	659	627
685	812	829	888	928	918	922	870	856	831	755	699
693	821	867	963	1001	993	992	979	948	888	815	706
690	831	932	988	1049	1025	998	986	955	887	821	683
673	820	917	978	1019	1001	982	970	937	863	803	690
681	800	848	905	962	947	931	922	877	809	790	723
622	739	769	837	869	851	856	833	789	733	679	643
596	632	657	675	682	706	747	720	625	621	611	609

24"

642	738	749	774	787	774	776	797	750	714	677	655
719	876	919	968	999	971	969	979	951	863	831	778
767	840	979	1052	1088	1073	1075	1082	1039	973	890	802
776	970	1089	1156	1194	1158	1149	1160	1120	1037	888	809
743	952	1047	1117	1136	1113	1139	1161	1107	1028	915	832
779	921	964	1032	1063	1062	1021	1067	992	942	871	807
656	806	867	913	918	950	874	901	842	811	770	721
628	662	685	693	726	728	780	744	642	641	630	636

18"

653	762	779	751	730	745	799	818	788	726	721	672
811	1015	1023	973	989	975	1008	1000	1001	942	886	833
860	1102	1094	1193	1179	1150	1149	1176	1151	1102	1013	915
894	1099	1160	1256	1240	1187	1201	1219	1182	1132	1013	903
903	1077	1196	1278	1239	1211	1185	1189	1142	1097	995	897
869	1014	1131	1227	1208	1180	1144	1130	1077	1037	916	901
717	829	940	1006	991	992	981	948	902	879	817	782
633	682	712	752	767	798	768	758	799	728	696	642

12"

DIMMER BOX GROUP CONTROL INSTRUCTION

Instruction

Fixtures could be daisy chain for group control.

1. Definition:

CH1	RJ cable input
CH2	RJ cable output

2. Function:

2.1 Dimmer knob

Adjust the dimmer knob from MIN to MAX, the brightness of the lights gradually increases from 0% to 100%.

Note: When the fixtures are connected via daisy chain for group control, the dimmer knob needs to be operated on the first fixture. For example, 10 pcs fixtures are connected via daisy chain. When you dim the fifth fixture, only the fifth to tenth fixtures can be dimmed.

2.2 External controller

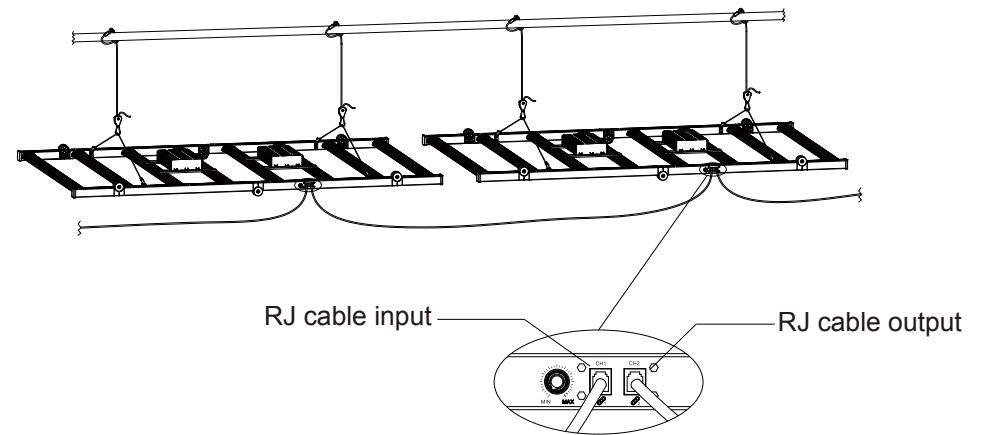
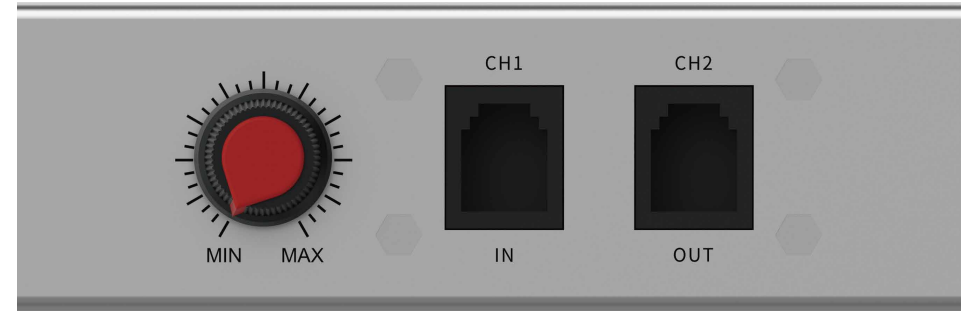
Connect the external controller with the fixture via the network cable.

The network cable need to be inserted into the IN port. Then dimming can be performed as per instruction manual.

Note: The fixtures can not dimmed by dimmer knob after the external controller is connected.

Notes:

1. The dust plug of daisy chain must be removed before connecting to the fixture.
2. When the fixtures are connected with the daisy chain, you need to pay attention to the IN and OUT ports. The first one need to be insert into the OUT port, and the latter one need to be inserted into the IN port.



This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Installation & Usage Guide

WARNING AND CAUTION

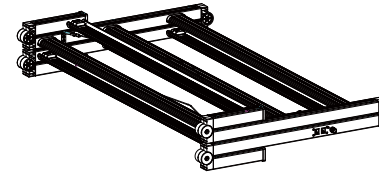
- * Please read the following instructions carefully before using this grow lighting fixture.
- * Make sure main power is switched off before connecting the light fixture.
- * DO NOT connect or disconnect the LED fixture under load.
- * Always allow for a cool down period of at least 30 minutes before touching the LED bars
- * Please DO NOT use this product outdoors.
- * Connect the cables according to local laws, safety regulations and electrical code.
- * Mounting and installing of the LED fixture may only be performed by certified service person, in accordance with the applicable local laws and regulations

INSTALLATION

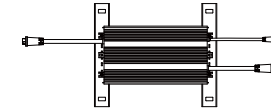
Read all instructions before installation. Before starting installation of this fixture or removal of a previous fixture, disconnect the power by turning off circuit breaker or by removing the fuse at the fuse box.

Installation method 1: Hoisting

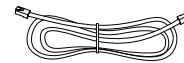
01



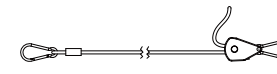
Fixture -1PC



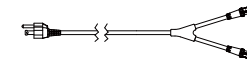
Driver Module - 2PCS



RJ11 cord- 1PC



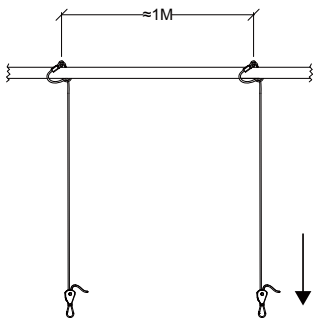
Hanging cable- 2PCS



Power cord - 1PC
(Selection and configuration)

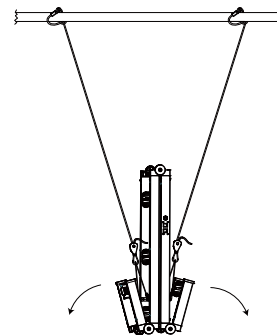
- Take out the fixture, driver modules and accessories.

02



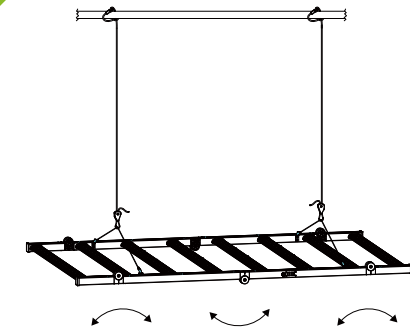
- Hook the hanging cable, about 1m distance. And adjust it to the lower position.

03



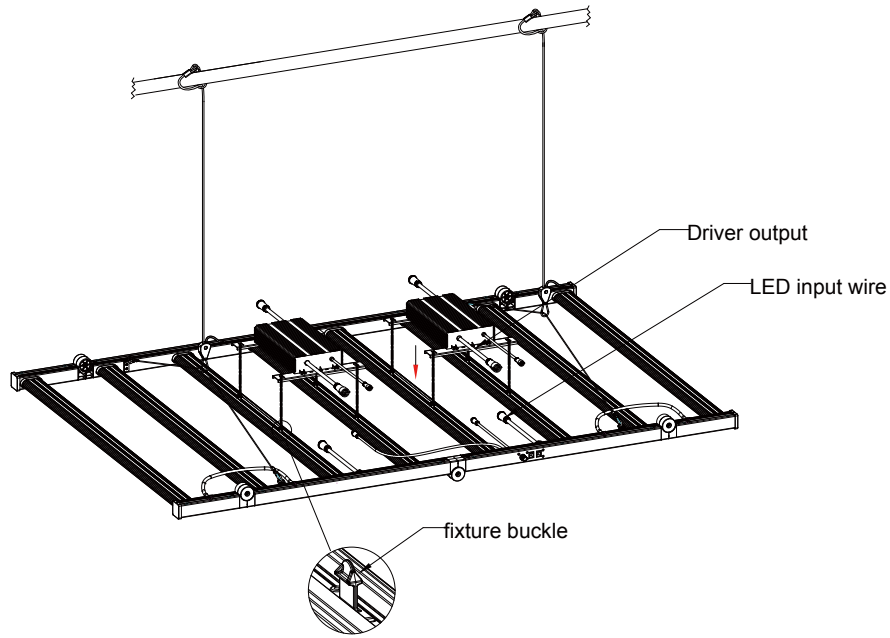
- Open the folded fixture to certain angle and hook the hanging cable to the wire rope.

04



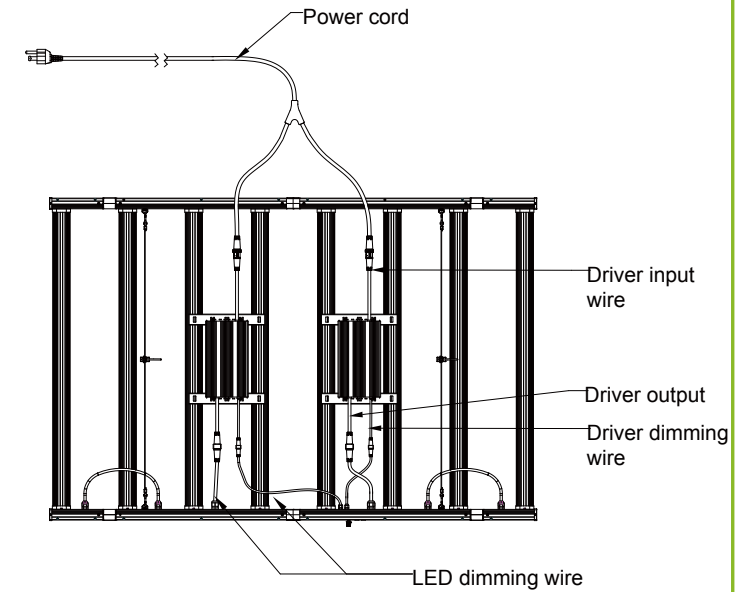
- Unfold the fixture completely.

05



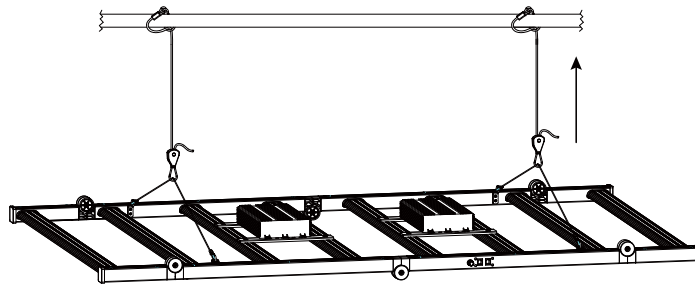
- Install the two drivers on the fixture buckle. Make sure the driver output wire is the same side with LED input wire.

06



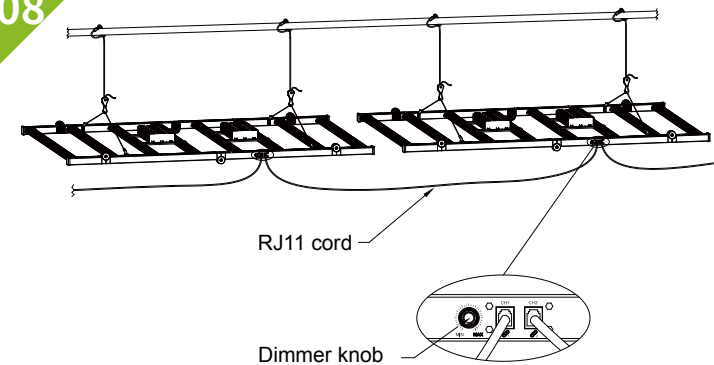
- Wiring the power cord with driver input, wire the driver output with LED input, and wire the driver dimming to LED dimming.

07



- Adjust the fixture to the appropriate height by pulling the cable.

08



- Connect multiple fixtures via RJ11 cord. Plug in the power and dim to the desired light by the dimmer knob.