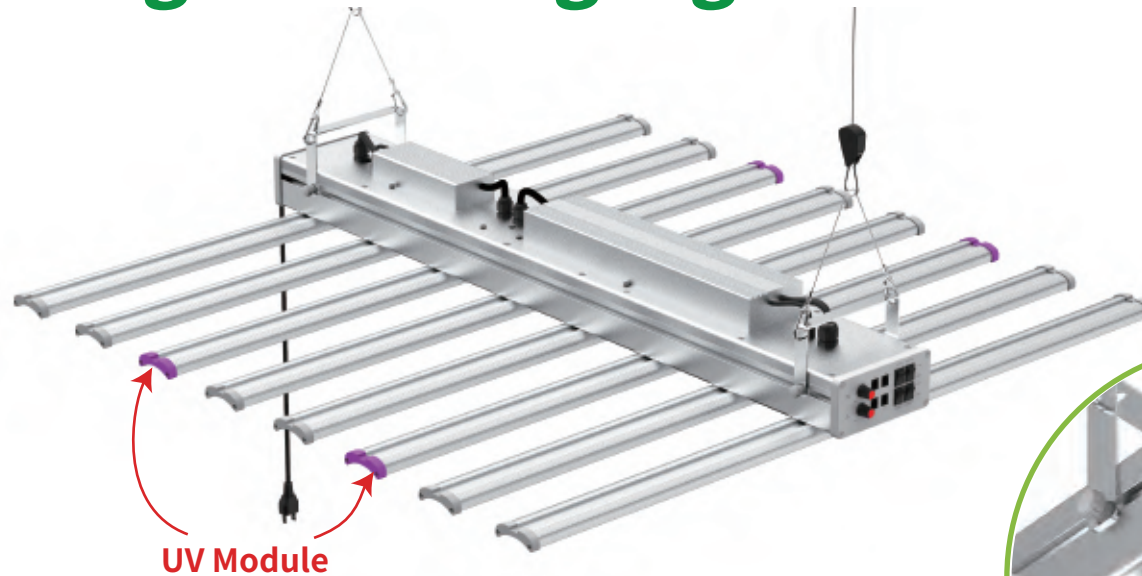# LED Flowering & Fruiting Light

760W

UV Module

WARNING
EXPOSURE TO UVB LIGHT CAN DAMAGE SKIN OR EYES.
TURN LIGHT OFF BEFORE ENTERING THE ROOM - FOR
USE ON PLANTS ONLY.
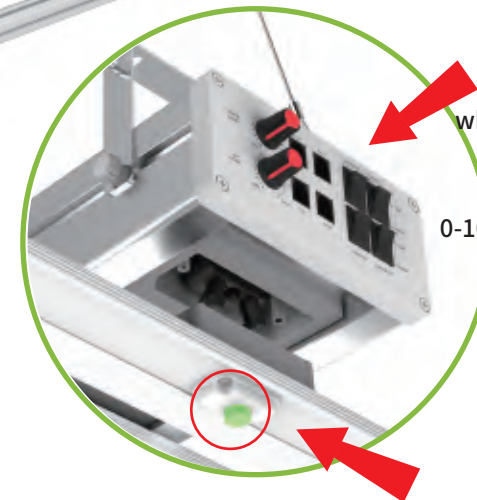
Precise Control
white light and UV light
can be controlled
independently
0-10V dimming available
individually or
master-slave
with RJ11 cord

LOCK!!!
Patent design

FULL SPECTRUM LED · ETL Intertek · FC

Intended Applications
(Suitable for flowering growth，the late flowering.)
• Indoor Farming.
• Vertical Farming.

Features & Benefits
• Constant current drive, long lifetime.
• Full-spectrum, similar like sun light.Longer exposure time, increase more output.
• Including independent UV module, suitable for supplement light for plant at different cycle of growth, accelerate plant growth.
• Surface IP65 waterproof rating, suitable for high humidity environment application.
• 0-10V dimming; power factor >0.9.
• Flicker free, good for eyes.
• Suspending and ceiling mounting optional, lifting height could be 6in-48in.
• Application environment: mainly used in indoor cultivation.

• One-click press-type assembly, easy to install and upgrade.
• Upto 100pcs of light can be cascade dimmed via network cable.
• With UV light,it could bring the following benifits.
• Effectively increase the density of trichomes, the content of total flavonoids, and inhibit thedevelopment of molds and fungi,and improve the disease resistance of plants effectively.
• Effectively increase the content of tetrahydrocannabinol (THC) and increase the yield.
• Help the plants increase the ability to resist pests.
• Sustainable packaging to minimize packaging and transportation cost.
• Adjustable hanging cable, meet different height requirements during different plant period
• Elastic surroundMechanical and electrical connecting,much more safer and reliable.
• Independent external driver,easy installation and upgrade.
• Separated light module design, DIY according to the space and environment.
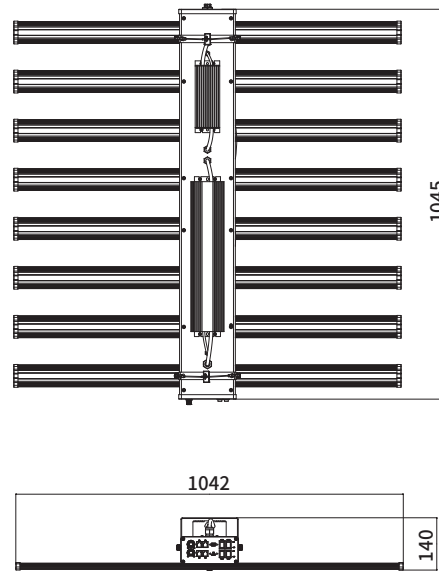• Modular design to maximize sku while minimizing redundant inventory.

LED Flowering & Fruiting Light

electrivo

760W PPE 2.8µmol/J

Features & Benefits

Input Power	660W white light and 100W UV light
Photosynthetic photon flux	2000µmol/s
Luminous Efficacy	2.8µmol/J
Viewing Angle	110°
CRI	＞88
Input Voltage	100-277Vac 50/60Hz
Amp Draw	6.83A@120V, 3.80A@220V, 3.50A@240V, 3.04A@277V
PF	＞0.9
THD	＜20%
Driver Surge protection	6KV
Dimming	0-10V
LED Type	3000K+5000K 310nm+400nm+660nm+730nm(Samsung/Seoul Diodes)
Housing	Aluminum Alloy
Housing Color	Silver
Heat Output	2618 BTU
Operating Temperature	-10~40°C
Operating Humidity	10%-90% RH
Storage Temperature	-25~60°C
Storage Humidity	10%-90% RH
Warranty Time	5years
N.W (KG)	13.5Kg/29.76LBS
G.W (KG)	15.5Kg/34.17LBS
Packing Dimension(mm)	1162*245*310mm

Performance Data

Model	Input Voltage	Input Power	PPF	PPE	ETL	DLC	FCC
GL8-H10-760-C66-A1D	100-277Vac	760W	2000µmol/s	2.8µmol/J	Yes	Yes	Yes

Dimension Drawing

1045

1042

140

Dimensional Drawing

Length (L)	1045mm (41.1")
Width (W)	1042mm (41.0")
Height (H)	140mm (5.5")

Recommended Application

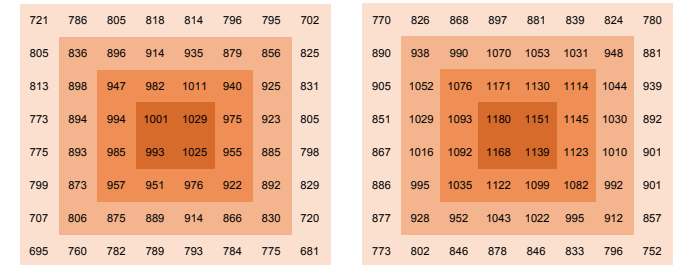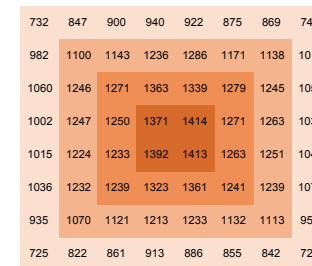|	
Multi-layer	4-4ft wide benches,4-6 in from canopy
Room	footprint 5x5FT Flowering,6x6FT Vegetative
Tent	footprint 5x5FT Flowering,6x6FT Vegetative

Spectral Distribution
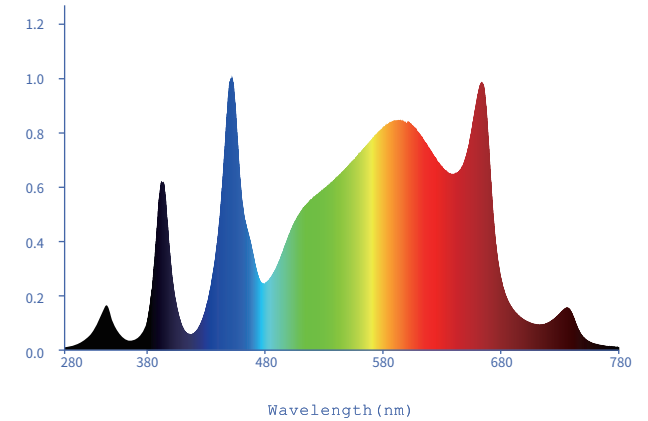
PPFD Reading - 4FT to 4FT area

721	786	805	818	814	796	795	702
805	836	896	914	935	879	856	825
813	898	947	982	1011	940	925	831
773	894	994	1001	1029	975	923	805
775	893	985	993	1025	955	885	798
799	873	957	951	976	922	892	829
707	806	875	889	914	866	830	720
695	760	782	789	793	784	775	681

0.6m 24"

770	826	868	897	881	839	824	780
890	938	990	1070	1053	1031	948	881
905	1052	1076	1171	1130	1114	1044	939
851	1029	1093	1180	1151	1145	1030	892
867	1016	1092	1168	1139	1123	1010	901
886	995	1035	1122	1099	1082	992	901
877	928	952	1043	1022	995	912	857
773	802	846	878	846	833	796	752

0.45m 18"

732	847	900	940	922	875	869	749
982	1100	1143	1236	1286	1171	1138	1011
1060	1246	1271	1363	1339	1279	1245	1057
1002	1247	1250	1371	1414	1271	1263	1032
1015	1224	1233	1392	1413	1263	1251	1045
1036	1232	1239	1323	1361	1241	1239	1075
935	1070	1121	1213	1233	1132	1113	958
725	822	861	913	886	855	842	729

0.3m 12"

DIMMER BOX USER MANUAL

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Instruction

This dimming transfer box is prepared for connecting multiple lights.including two independent control modules.The upper one is for white light dimming,and the lower one is for UV lighting dimming. Each module control the grow on/off and dimming by the coordination of two switches

1.Definition:

CH1		Inlet
CH2		Outlet
ON/OFF	DIMMER	Group dimming on/off control
ON/OFF	CONNECT	Group lighting on/off control

2. Default setting:

DIMMER:ON   CONNECT:ON   Dimming: MIN（0%）

3. Function:

3.1 How to control group fixtures on/off

Switch all the fixtures' "DIMMER" and "CONNECT" on, the fixtures in the group can be on/off controlled by switching on/off any one of the fixture.

3.2 How to dim group fixtures

Switch all the fixtures' "DIMMER" and "CONNECT" on, the fixtures in the group can be dimmed by spinning the dimmer on the any one of the fixture.

3.3 How to control single fixture

If you need to control any single one of fixture, please switch the "DIMMER"on and "CONNECT" off , and then the fixture can be individual controlled, and wouldn't impact others.

3.4 How to dim some part of fixtures.

Set a group for the part need dimming by switch their "DIMMER" and "CON-NECT" on, and swith the "CONNECT" of the others to off. Now you have two groups: group A with "CONNECT" on ,group B with "CONNECT" off. dimmed any one of the fixture in group A, all the fixtures in group A would be at the same dimming status.

3.5 Connect external smart dimming device

This product can be controlld by external smart dimming device,which with RJ11 connector. Only two steps:

1st step: connect the smart device.

2nd step:set a group for smart control fixtures by switching the "DIMMER" off and "CONNECT" on, then enjoy your smart dimming control.

If you want to manual control one of the fixture, just switch "DIMMER" on and "CONNECT" off.

4.Method of troubleshooting when problems arise:

4.1 Unable to turn on the light

Check all the dimmer, make sure they are at 100% position.

4.2 Out of sync

Power on, group control the fixtures, but some one are out of sync. It should be the "CONNECT" at the wrong position, please correct it to "on" position.

4.3 Unable dimming

Power on, dim the fixture but without response. It should be the "DIMMER" at the wrong position, please correct it to "on" position.
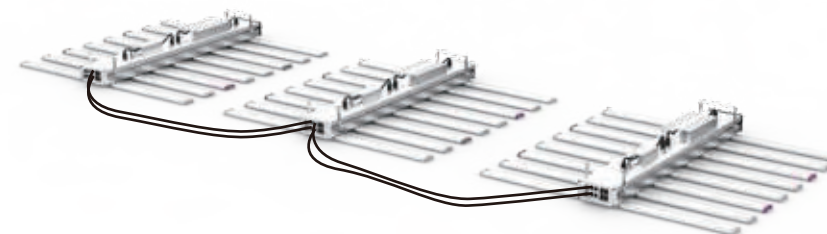
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
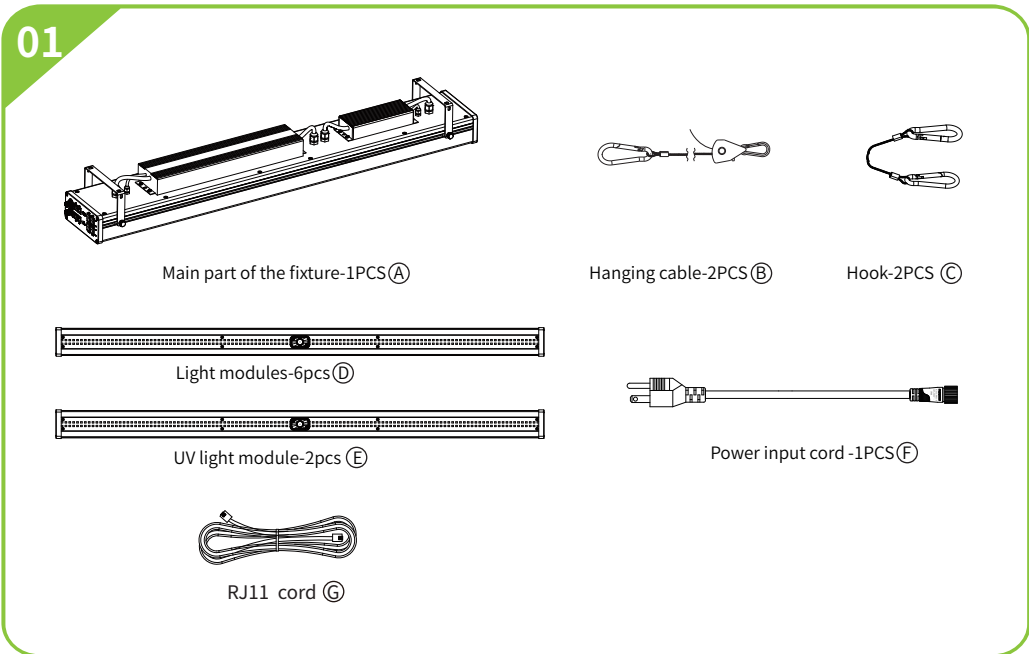
Installation & Usage Guide

electriv⏻

WARNING AND CAUTION

＞Please read the following instructions carefully before using this grow lighting fixture.

＞Make sure mains power is switched off before connecting the light fixture.

＞Don 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 rules ,safety regulations and electrical code.

＞Mounting and installing of the LED fixture may only be executed by certified service person,in accordance with the applicable local laws and regulations.

＞**WHEN ASSEMBLING THE PRODUCT, PLEASE MAKE SURE THE COLOR OF THE LIGHT MODULE SHOULD BE THE SAME COLOR THE INSTALLATION BASE.**

＞**ALL THE LIGHT MODULES MUST BE ATTACHED TO THE CHASSIS AND WELL CONNECTED BEFORE TURNING ON THE POWER**

＞**EXPOSURE TO UVB LIGHT CAN DAMAGE SKIN OR EYES. TURN LIGHT OFF BEFORE ENTERING THE ROOM - FOR USE ON PLANTS ONLY.**
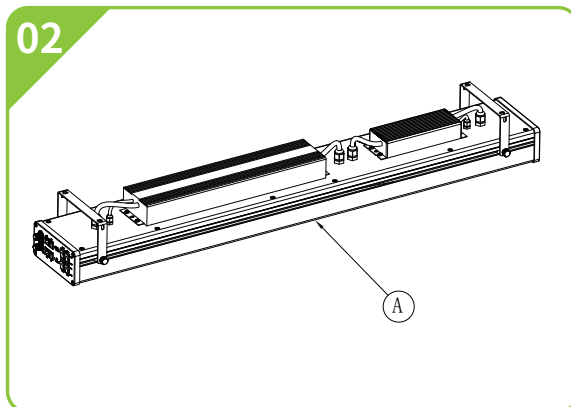
PLANNING THE INSTALLATION

Read all instructions before installation. Before starting installation of this fixture or removal of a previous fixture,disconnect the power by turning of circuit breaker or by removing the fuse at the fuse box.
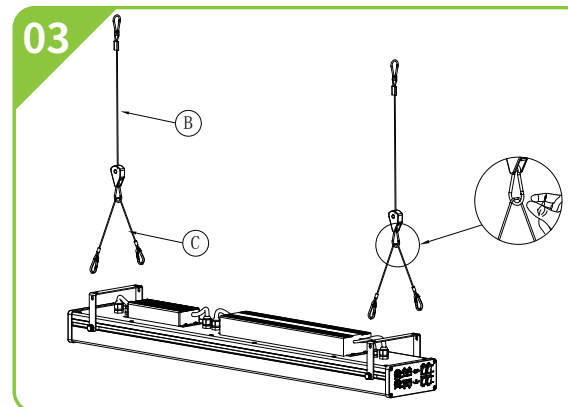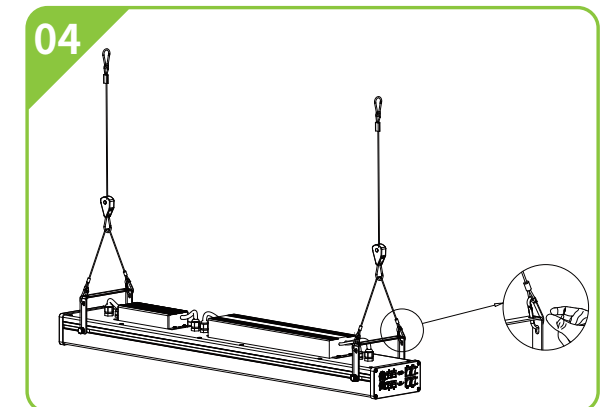
Installation method 1: Hoisting

01

Main part of the fixture-1PCS Ⓐ

Hanging cable-2PCS Ⓑ   Hook-2PCS Ⓒ

Light modules-6pcs Ⓓ

UV light module-2pcs Ⓔ

Power input cord -1PCS Ⓕ

RJ11 cord Ⓖ

•Take the main part out

02

Ⓐ

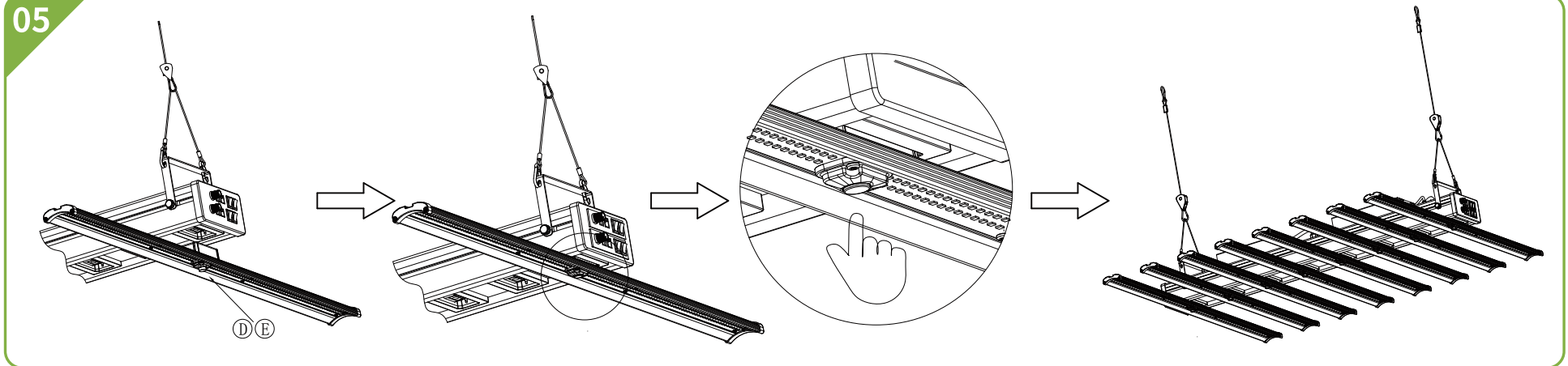•Take the main part out

03

Ⓑ

Ⓒ
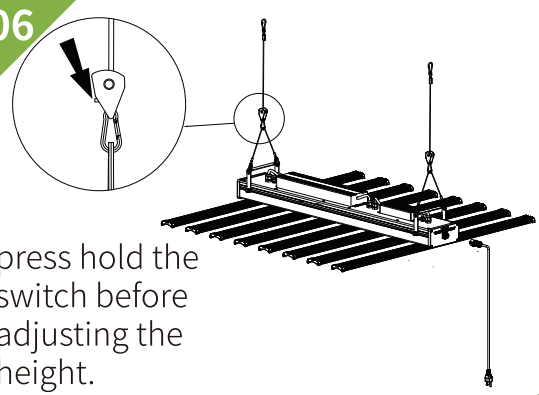
•Hook the main part.

04

•Hook the main part.

05

D E

•Attach the light module to the chassis, press the button to lock.(Press again to remove the light module from the chassis.) The UV light module should be installed on the third and the sixth purple base .
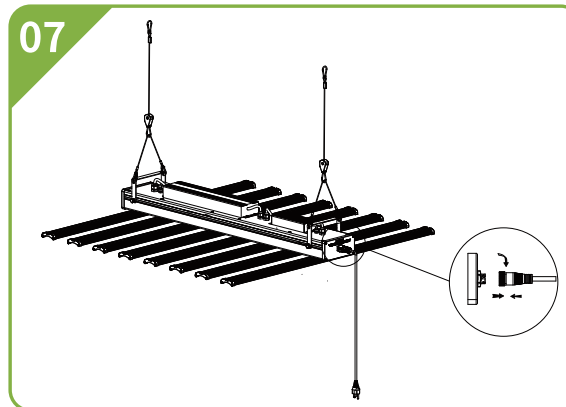
06

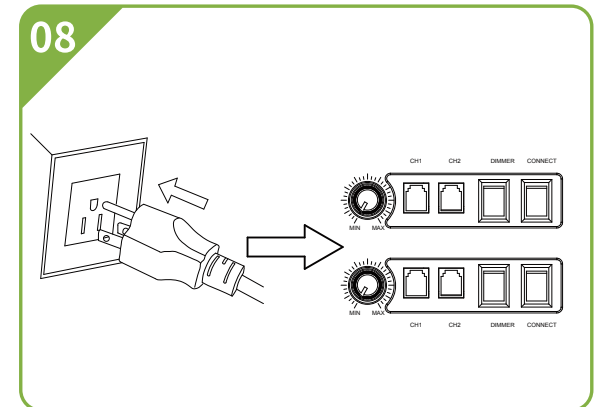
press hold the switch before adjusting the height.

•Adjust the height by pull the cable.

07

•Connect the power cord.

08

CH1 CH2 DIMMER CONNECT
MIN MAX
MIN MAX
CH1 CH2 DIMMER CONNECT

•Plug in the power.

•Dim to the desired light.