MAXTAR Lighting

SPECIFICATION SHEET

LumoStrip Pro 4'&8'

Description:

LumoStrip Pro Light is a high-performance lighting solution with an impressive **150 lm/W** efficacy, ensuring maximum energy efficiency. Designed for flexibility, it offers multiple power selectable options, allowing customization to suit various project needs, from small-scale installations to large commercial applications. Equipped with an optional plug-in motion sensor, this fixture enhances convenience and energy savings. Its clean and modern design provides a tidy, professional look, making it an ideal choice for diverse environments.

Model: LRL70347045CGE

Optical:

Lumen Efficacy:	150 LM/W
LED Type:	SMD
CRI:	≥80

Electrical:

Input voltage:	120-347V / 50/60HZ
Power	30/40/50/60/70 Power Selectable
Beam angle:	110° Dir Light Only
Power factor:	> 0.9

Life:

Lumen maintenance:	50,000h
Warranty:	5 Years

General:

Finish color Availability:	White
Certification:	UL, CUL, FCC, DLC
Working Temperature :	-4°~ 104° F
Storage Temperature :	-22°~ 140° F

Features :

- UL,CUL,DLC listed.
- Power optional: 4FT 30-40-50-60-70W, 8FT 60-70-80-90-100W.
- Lumen efficiency: 150lm/w.
- 1-10V dimmable driver.
- Input voltage: 120-347VAC .
- Installation: Surface mounted // Suspension // Recessed
- Five years'warranty.

Customers can install microwave sensor and bluetooth by themselves.

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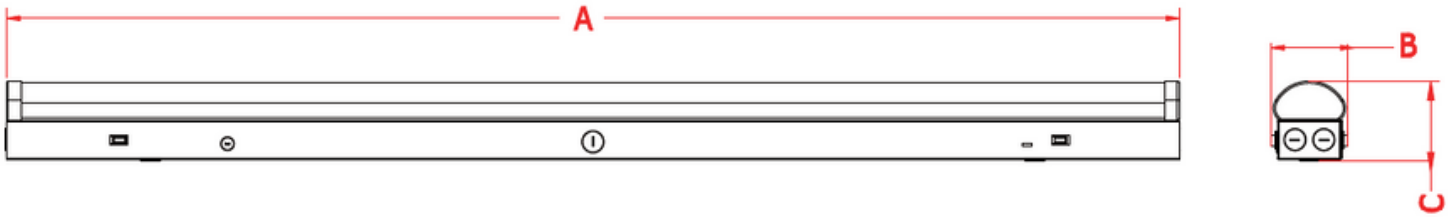
LumoStrip Pro 4'&8'

Specification:

Model	Size	Wattage	Efficacy	Voltage	Ra	CCT
LSP-04	1220A X 75B X 76C mm (48”X3”X3”)	30-40-50-60-70 W	150lm/w	120-34VAC/120-277VAC	80	30K/35K/40K/50K/65K
LSP-08	2438A X 75B X 76C mm (96”X3”X3”)	60-70-80-90-100 W	150lm/w	120-34VAC/120-277VAC	80	30K/35K/40K/50K/65K



Ordering table

Example : LSP-4-70-347-S

Modle	Lengh	Wattage	Voltage	Options
LSP-04 **LSP-08**	4': 4 8': 8	30-70W :70 60-100W:100	120-277 :UNV 120-347:347	Microwave Motion Sensors : S Battery Back up :BP Pendant Kit : P Connection Brackets: CB Remote Control :C

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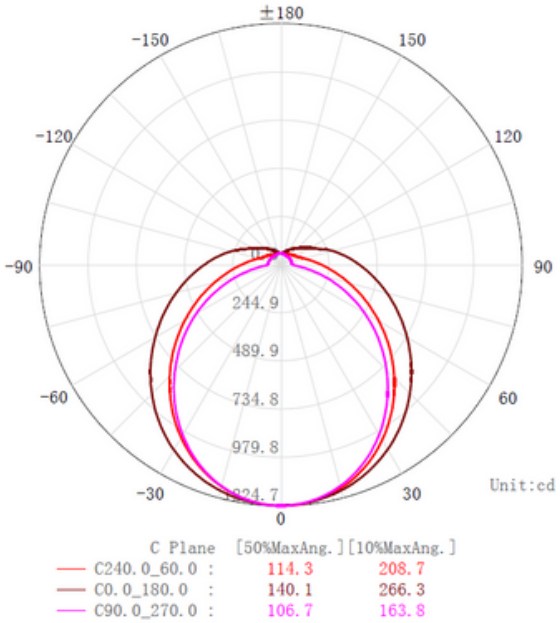
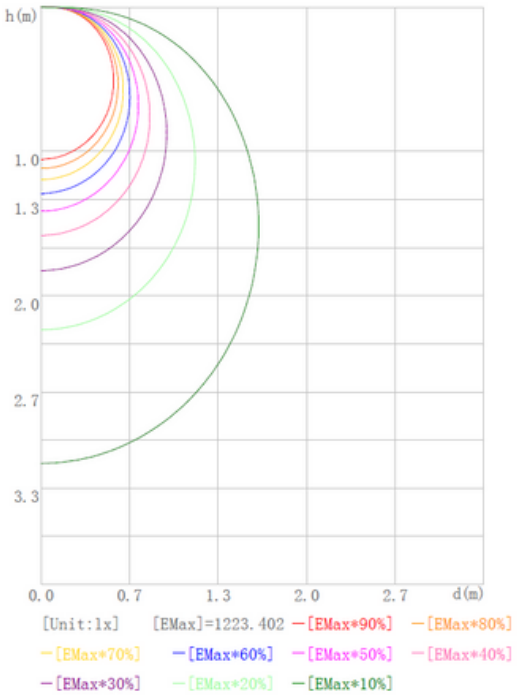
LumoStrip Pro 4'&8'

C Plan Distribution Diagram
30-70W 4'

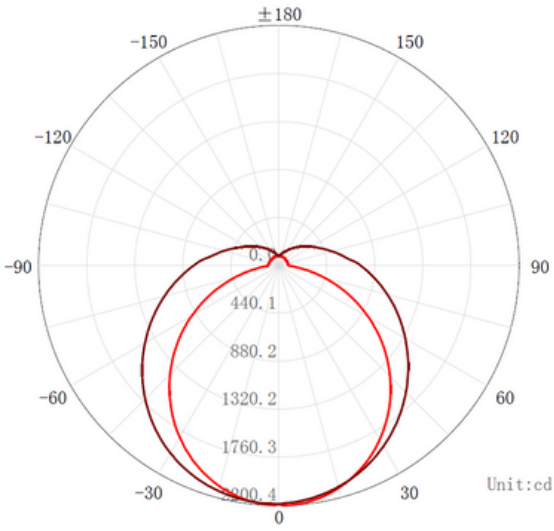


C Plane	[50%MaxAng.]	[10%MaxAng.]
C240.0_60.0 :	114.3	208.7
C0.0_180.0 :	140.1	266.3
C90.0_270.0 :	106.7	163.8

C0 Space ISO Illuminance Curve
30-70 4'

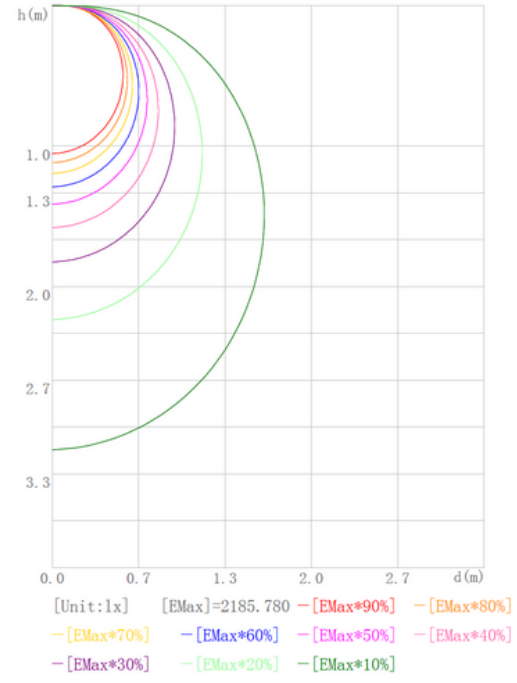


C Plan Distribution Diagram
60-100W 8'



C Plane	[50%MaxAng.]	[10%MaxAng.]
C90.0_270.0 :	110.1	163.2
C0.0_180.0 :	146.3	276.2

C0 Space ISO Illuminance Curve
60-100W 8'



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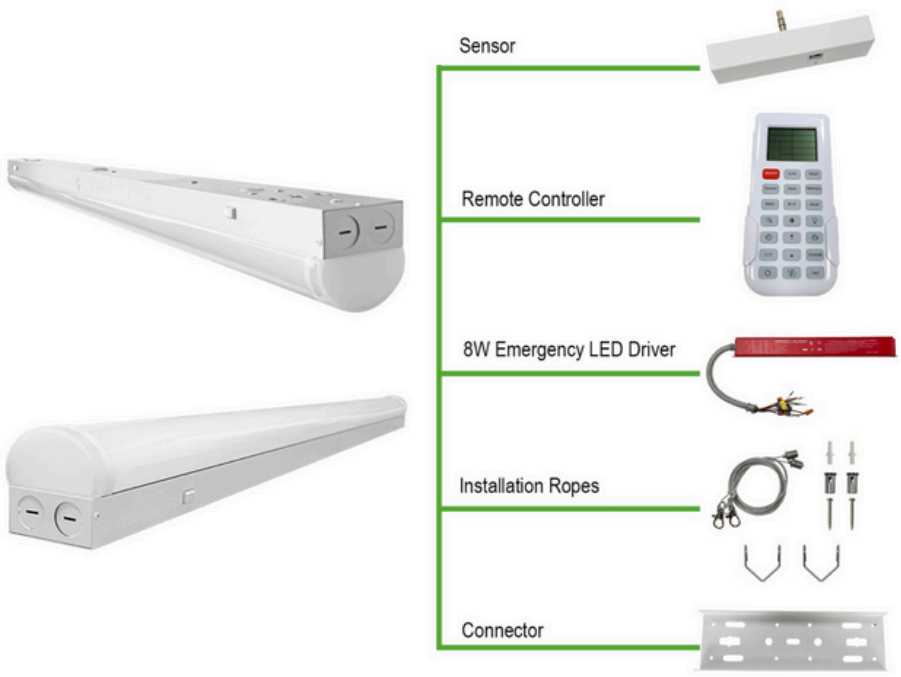
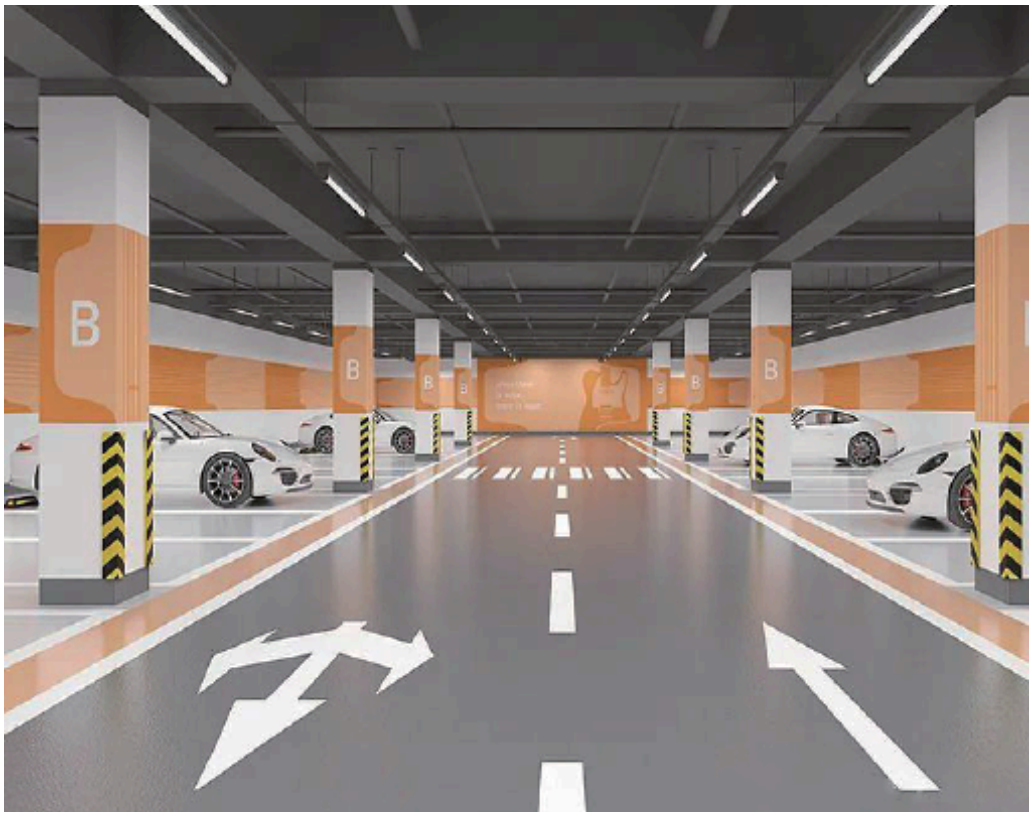
LumoStrip Pro 4'&8'

Acessories





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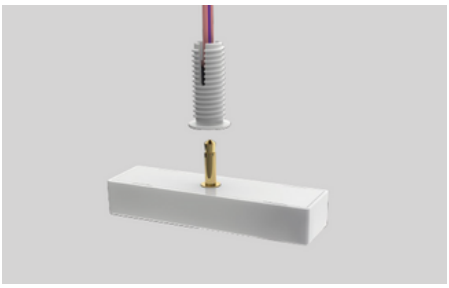
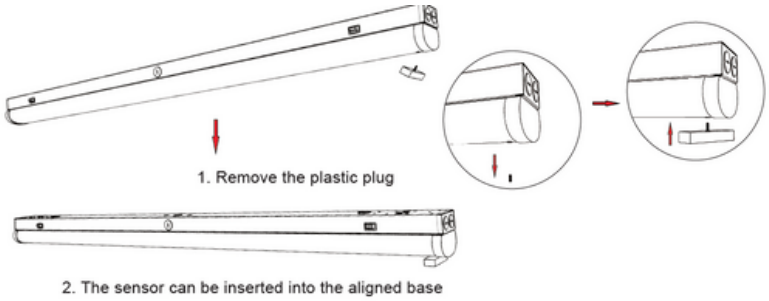
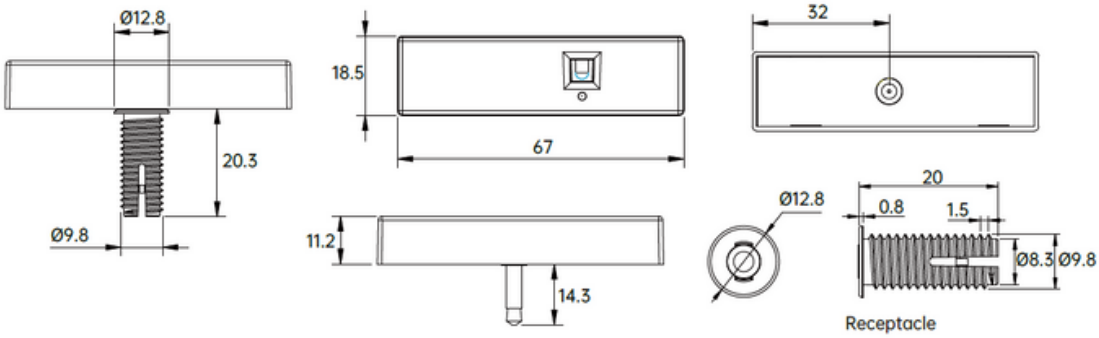
LumoStrip Pro 4'&8'

Microwave Motion Sensor:

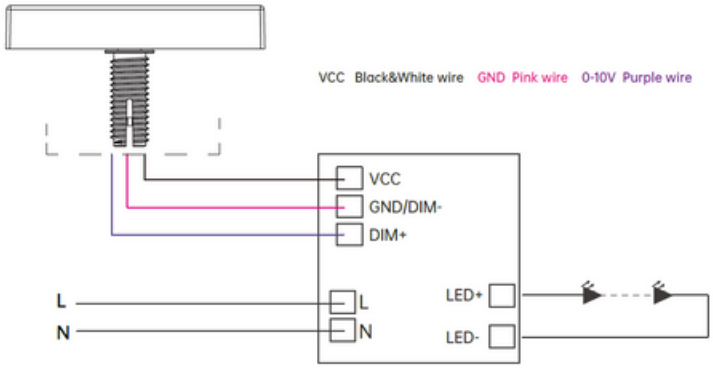




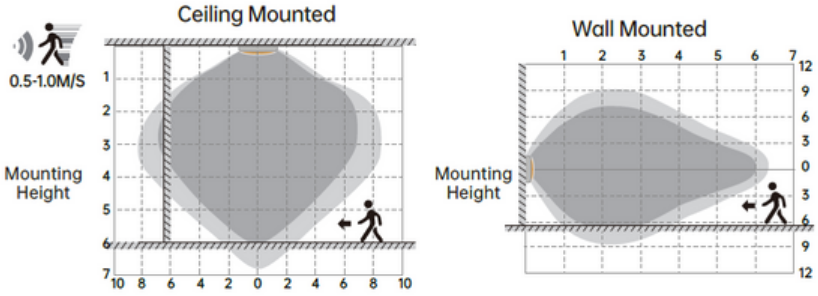
Dimentions:



Wiring Diagram :



Detection Coverage :



Sensor Parameters

Model NO.		HD08VR
MICROWAVE INFORMATION	Frequency	5.8GHz±75Hz
	Microwave Power	<0.3mW
	Installation Height	5m/16.4Max.
	Detection Distance	≥3m/9ft
	Detection Angle	30-150°（Without Glass Cover）
SENSOR PARAMETER	Detection Area	25%/50%/75%/100%
	Holdtime	5s/ 30s/ 1min] 2min/ 3min/ 15min/ 20min/ 25min/ 30min/ 45min/ 60min/ 90min/ 120min
	Dayight Threshold	Disable/400Lux/350Lux/300Lux/250Lux/200Lux/120Lux/ 80LUx/5OLUx/30Lux/10Lux/2Lux
	Standby Dinmming Level	10%/20%/30%/50%
	Standby Period	0s/5s/30s/1min/2min/3min/5min/10min/15min/20min/ 25min/30min/45min/60min/+∞
	Dusk/Dawn Sensing/Photocell	Daylight threshold as 30lux/ 50lux/ 80lux/ 120lux/ 200Lux/ 250Lux/300Lux/ 350Lux/ 400Lux Standby period as +∞ Standby dimming level as 10%/20%/30%
	Daylight Harvesting	1. Adjust "daylight" value higher than 50lux 2. Preset "standby period" 0S 3. press MW/PIR button 3 times till MW/PIR icons both blicking on LCD screen, daylight harvesting function enabled. （With BLE verison, press DH button, daylight harvesting function enabled.）
BLUETOOTH INFORMATION	Wireless Control Range	≥20m/65ft
	APP Download	Supported in both APP Store and Google Play Market
INPUT	Lnput range	12VDC
	Voltage Range	10-15VDC
	Current	≥40mA
OUTPUT	Signal	DIM 0-10V
	Connection	TipDIM+、RingVCC、SleeveGND
	Stang-by Power	<0.5W
ENVIRONMENT	Working Temp	-25℃~+60℃
	Storage Temp	-40℃~+80℃ Humdlty:85% (non-xondensation)
CERTIFICATE & STANDARDS	Environmental Requirements	In accordance with CE ROHS
	IP Rating	IP20

APP DOWNLOAD

Our app HAISEN BLUE has been uploaded onto APP Store & Google Market

ANDROID APP ON Google play

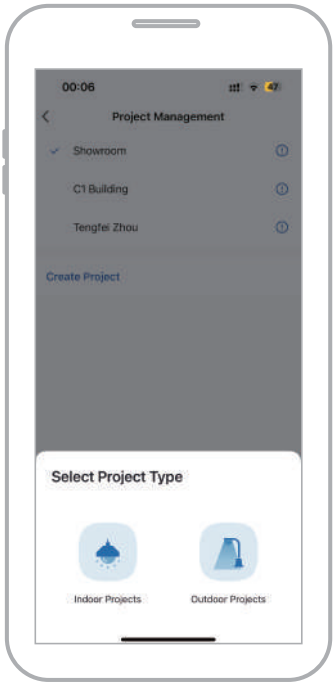
Available on the App Store

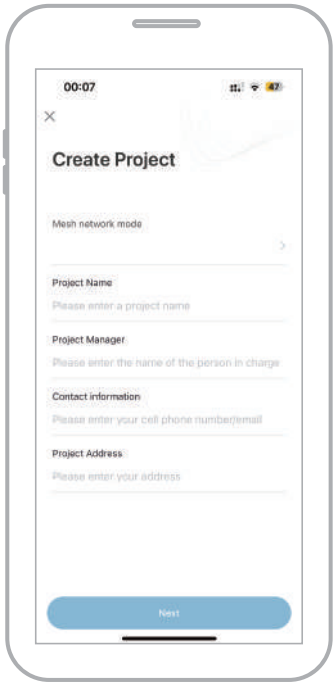
SIGN UP/LOG IN

Please select the region as US (because the server is located in the US.)
if you signing up with phone number; or with mail address without region destriction.

Log in if you already have account.

PROJECT MANAGEMENT



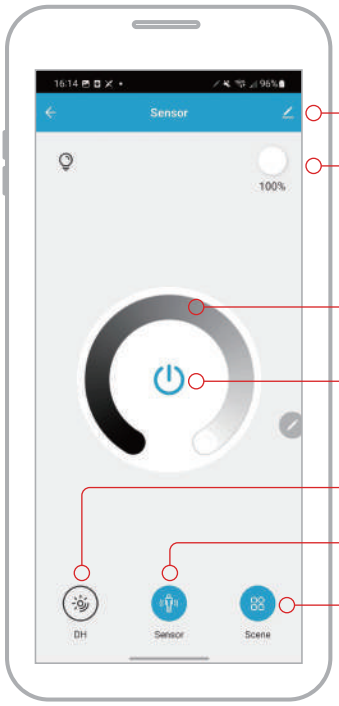


CREATE PROJECT

The app is specially designed for industrial project application, not only to control the SMART SENSORs but also HAISEN's Emergency Driver.
It requires you to start a new project first before going on add or control devices.

CONTROL

Select the sensor or group to control it.



Edit area, rename it or delete it.

Brightness Showing Part

Brightness Changing

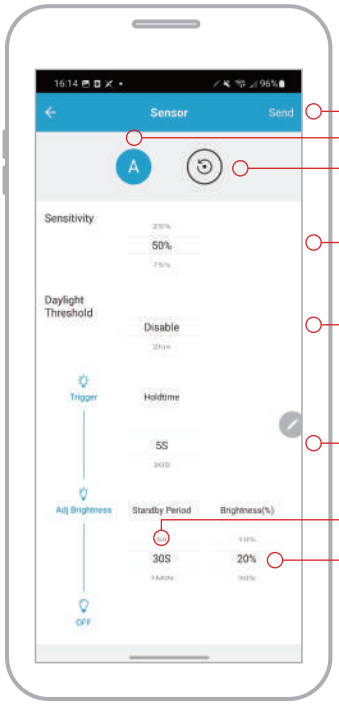
ON/OFF Button

Daylight Harvesting Button

Sensor Setting Button

Scene Setting Button

CONTROL PAGE -1



Send afer programming

Auto mode

Reset

Sensitivity Setting

Daylight Threshold Setting

Holdtime Setting

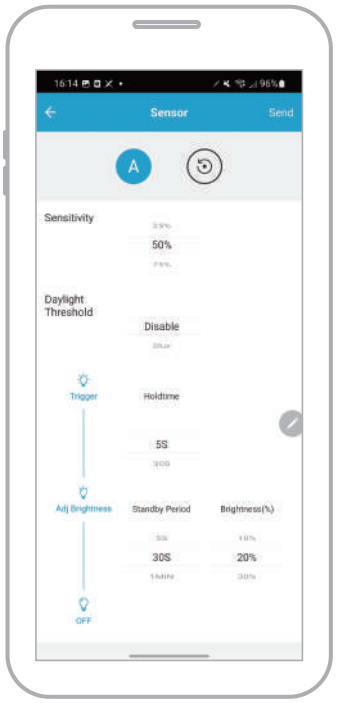
Standby Period Setting

Standby Brightness Setting

CONTROL PAGE -2

HIGH-END TRIM

High-end Trimming is a very practical function for customers who prefer to have less than 100% brightness everytime the sensor detects motion, and our steps to approach it is very easy.

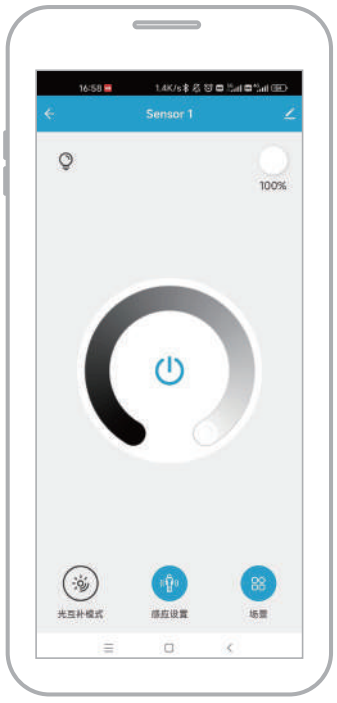


STEPS

- Dim the light to a level, for example 76%, simply by moving the block.
- Press "sensor" at the bottom center and start making a program
- Tthen press "A" means running automation.
- After setting, the sensor works as dimming to only 76% everytime it detects motion.

DAYLIGHT HARVESTING

Daylight Harvesting function offers the possibility to dim the light brightness along with the change of natural brightness; when outside gets darker, indoor environment should become brighter.



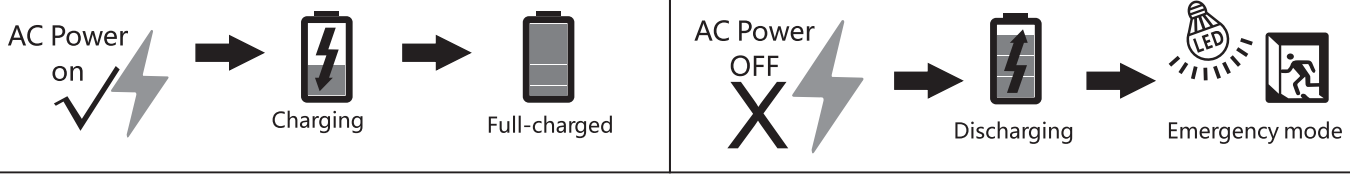
STEPS

- Press "sensor" at the bottom center and start making a program, daylight must be chosen higher than 50lux, meanwell the standby period should be 0S.
- Back to the mainpage and press “DH” button

Operation

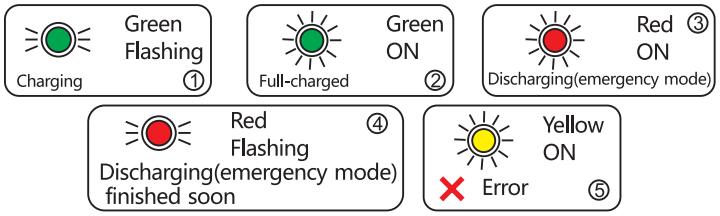
AC Operation:
AC power is present, The LED load from the LED driver is normal power supply, AC LED driver output current can not exceed 150W or 4A,the emergency driver is charging in a standby mode. The green LED light flashes indicates that it is charging. The green LED light on indicates that it is full charged. After the AC power supply working 48h, The emergency LED drive will automatically from AC power working switch into emergency working mode for 30S every month and then automatically backs to the working mode of the AC power supply, the AC power supply works per year for automatically from the AC power mode backs to the working emergency mode Until the emergency discharge is completed.

Emergency operation:
When the AC power goes out ,The emergency driver detects the AC power outage and automatically switch to the emergency mode.



Indicator light introduction

① Green/flashing: Charging
② Green/on: Full-charged
③ Red/on: Discharging(emergency mode)
④ Red/flashing: Discharging(emergency mode) finished soon
⑤ Yellow/on: Error



Test switch introduction

Press the test switch to confirm whether the emergency function is normal

IMPORTANT SAFEGUARDS

When using electrical equipment, basic safety precautions should always be followed including the following

READ AND FOLLOW ALL SAFETY INSTRUCTIONS.

- Risk of fire or electric shock. Luminaire wiring and electrical parts may be damaged when drilling for installation of LED Emergency Backup. Check for enclosed wiring and components.
- Risk of fire or electric shock.This LED Emergency Backup installation requires knowledge of luminaire. electrical systems. If not qualified,do not attempt installation.Contact a qualified electrician.
- Before installing,make certain the AC power to the fixture is off.
- The electrical rating of this product is 100-347Vac.Installer must confirm that there is 100-347Vac to the fixture before installation.
- To prevent electrical shock only mate unit connector after installation is complete and before the AC power to the fixture is back on.
- This LED Emergency Backup unit requires an un-switched AC power source of 100-347Vac,50/60Hz The AC driver must be on the same branch circuit as the LED Emergency Backup unit.
- Do not let power supply cords touch hot surfaces.
- Do not mount near gas or electric heaters.
- Do not use out doors
- Do not connect battery pack connector until all other wiring is complete and AC power is on.
- The emergency LED driver is for use with grounded,ULlisted LED luminaires,shall be enclosed by the LED luminaire and bonded to the grounding of LED luminaire.
- Verify that all replacement lamp types marked on the installed luminaire are also identified as suitable for use with this emergency battery pack.
- The battery pack is fixed by the screw and the indicator lamp is attached to the shell of the laminaria by3M tape
- Equipment should be mounted in locations and at heights where it is not be subjected to tampering by unauthorized personnel.
- The use of accessory equipment not recommended by the manufacturer and may cause an unsafe condition.
- Do not use this equipment for other than its intended use.
- Use with grounded, UL Listed, dry or damp location rated fixtures.

Due to continuous improvements, the information herein may be changed without notice

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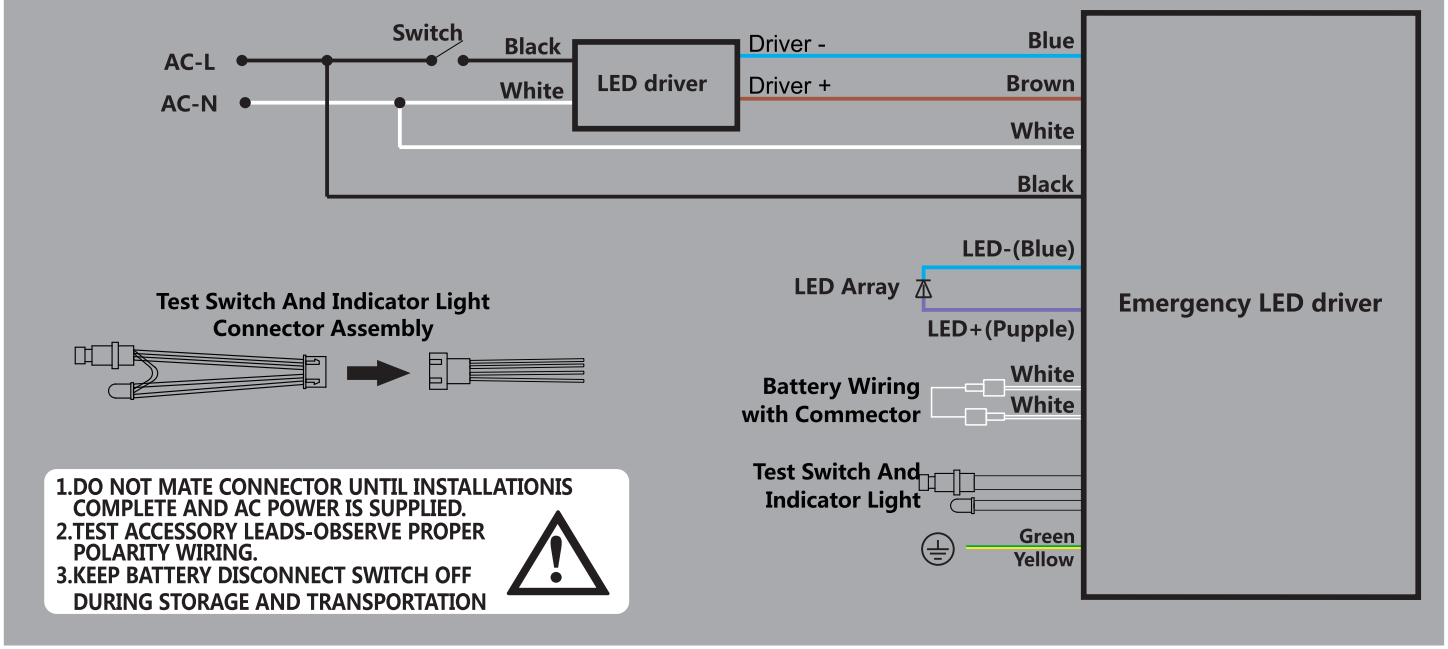
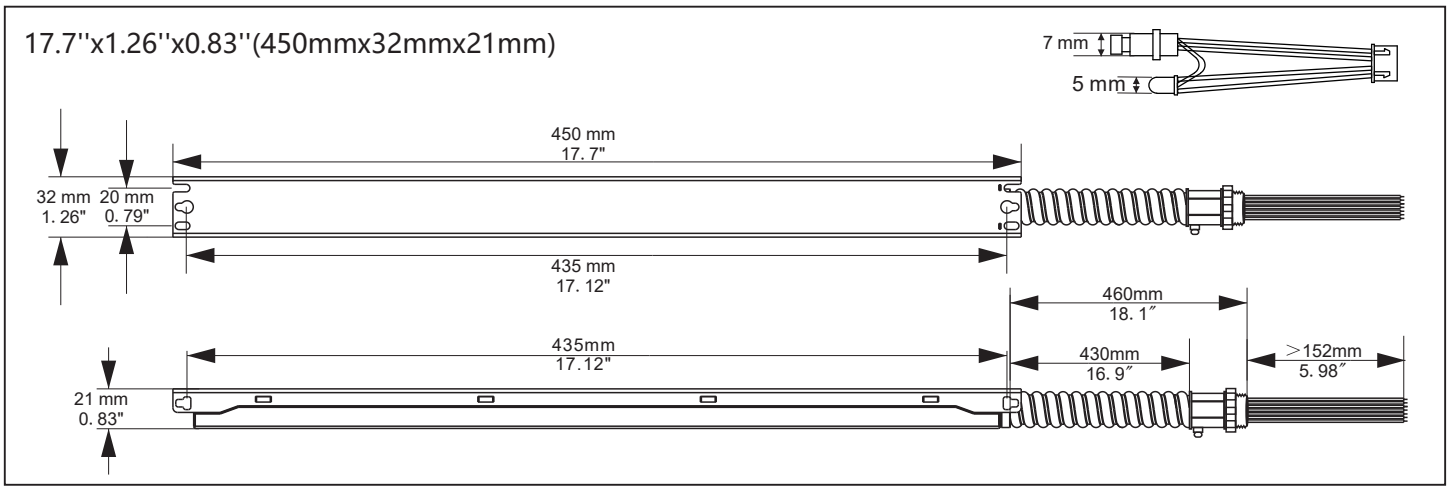
Emergency LED Driver

Wiring Diagram



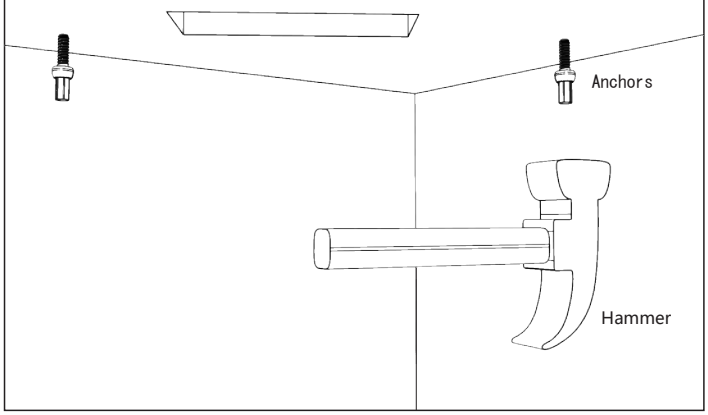
Dimensions



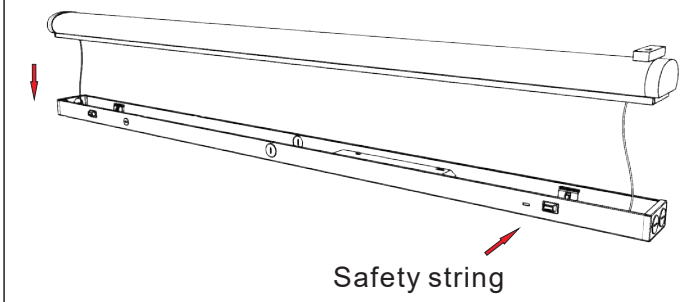
Installation

Surface Mounted Installation

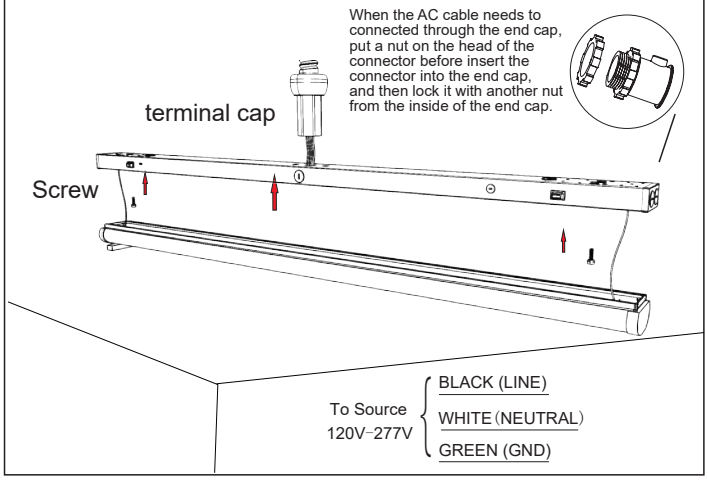
1. Insert the Anchors into the hole as picture.



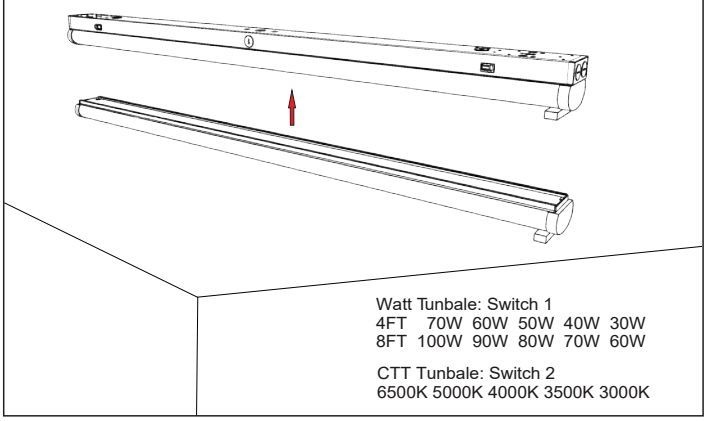
2. Press the button then open the PC housing.



3. Adjust the hole of botton cover align at anchors, then fasten it by screw.



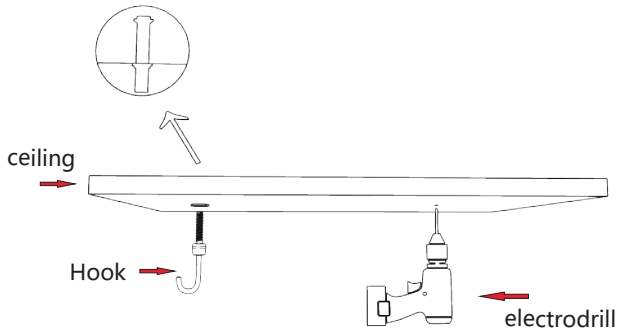
4. Press the button, then let the PC housing return to original place. Open the PC cover then adjust the DIP switch



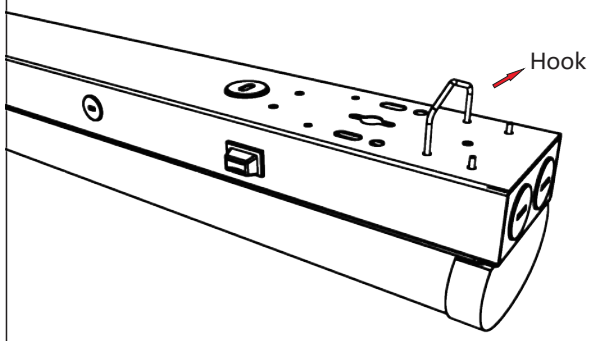
Installation

Suspension installation

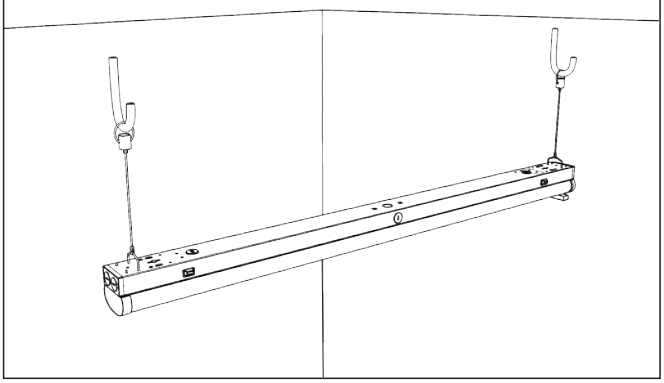
1.Drill two holes in the ceiling with electrodrill, put the hook into the hole.



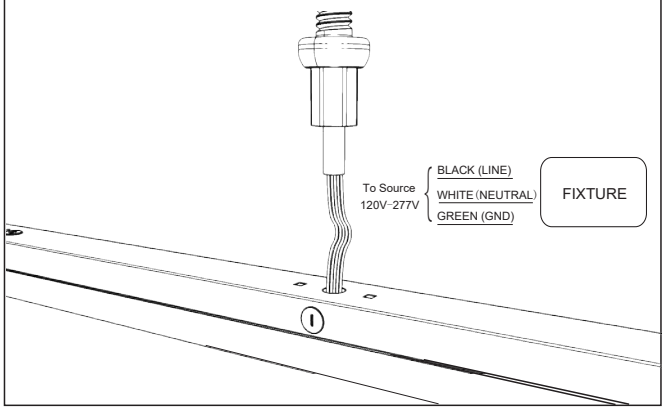
2.Put the hook into the holes as picture.



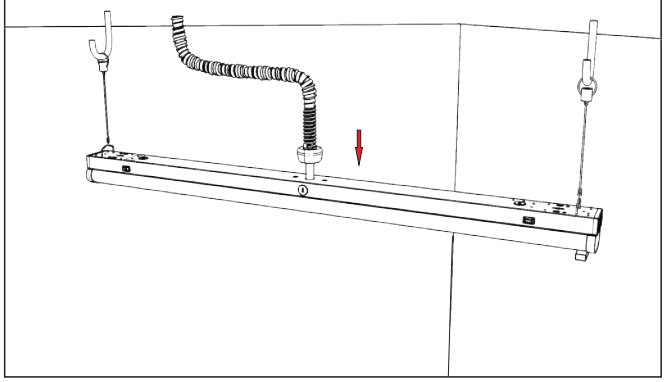
3.One side of safety rope to connect the hook, the other connect the lifting hook.



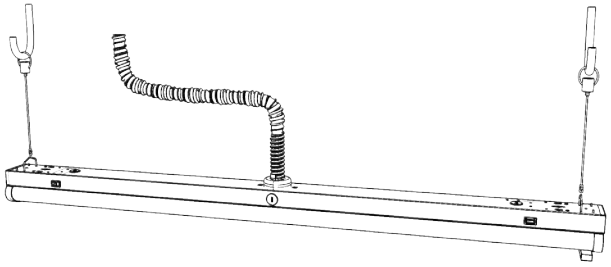
4.Turn off power, and make wiring connections with terminalcap.(see wiring instrucion below).



5.Insert the terminal block and wires into the strip.



6.Insert the wire terminal joint to the wire entry.



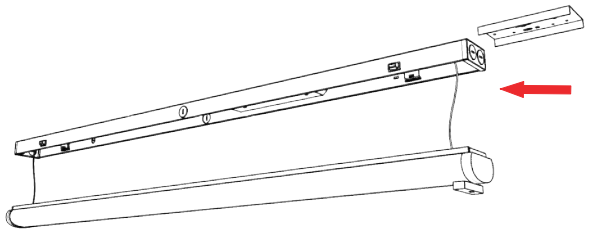
Watt Tunbale: Switch 1
4FT 70W 60W 50W 40W 30W
8FT 100W 90W 80W 70W 60W

CTT Tunbale: Switch 2
6500K 5000K 4000K 3500K 3000K

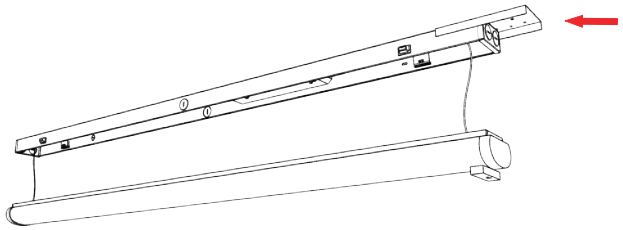
Installation

Connection for option

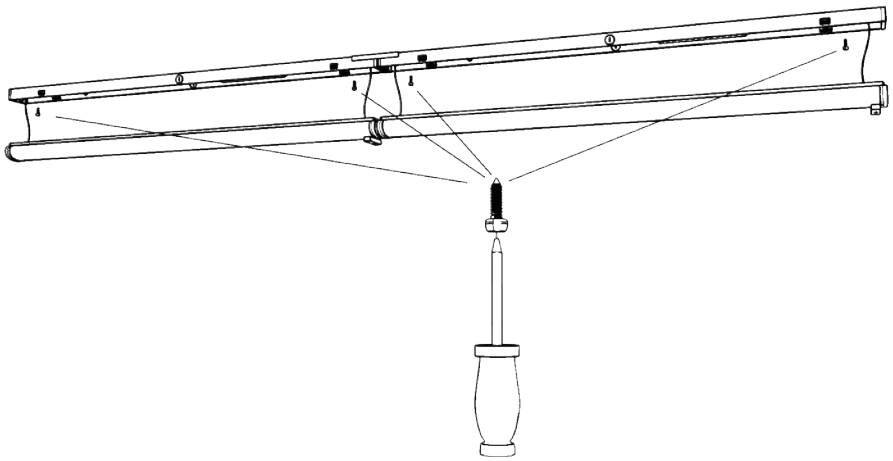
1. Fix the connection bracket on the wall.



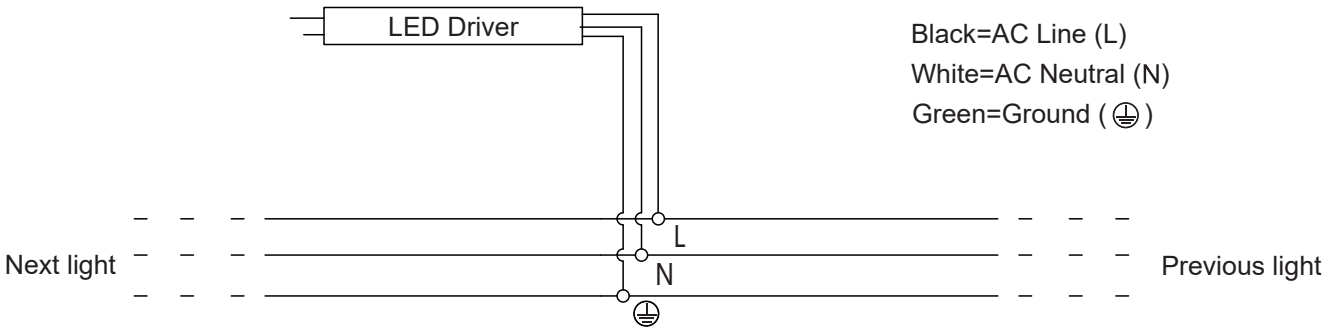
2. Insert the strip light into the connection bracket, then drill holes at a suitable position in the wall for installing the next strip light.



3. Fix the lamp body on the wall by screws, complete the installation; repeat the previous procedure to install the 3rd strip light, 4th strip light etc.



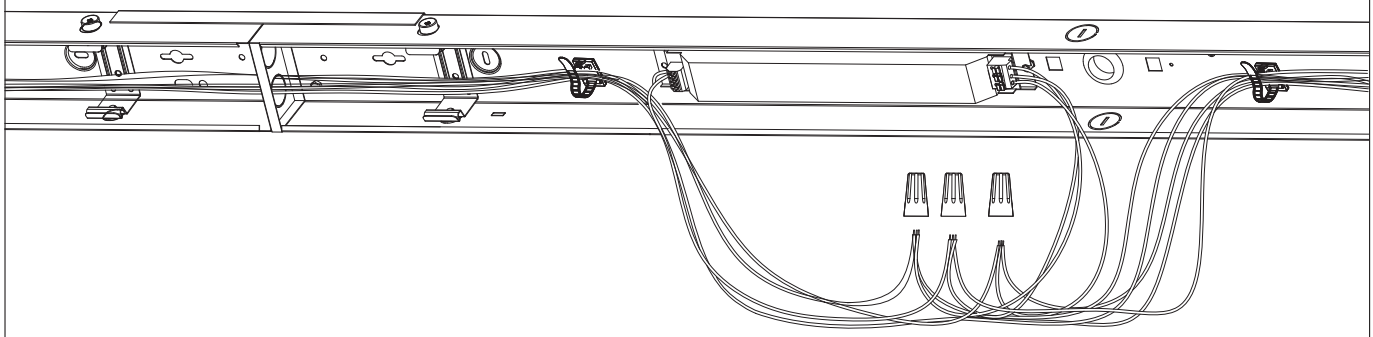
4. Wiring schematic as shown.



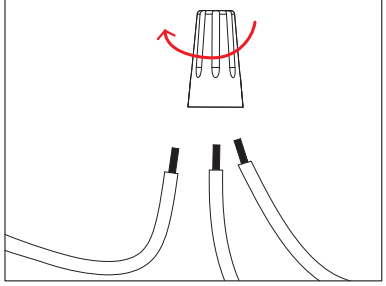
Installation

Connection for option

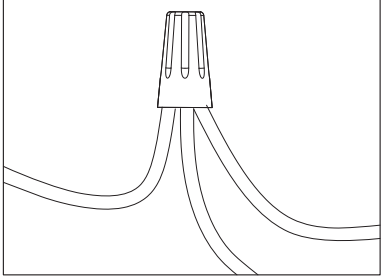
5. Pass wires through the knockout hole, fix the wires with 3M glue.



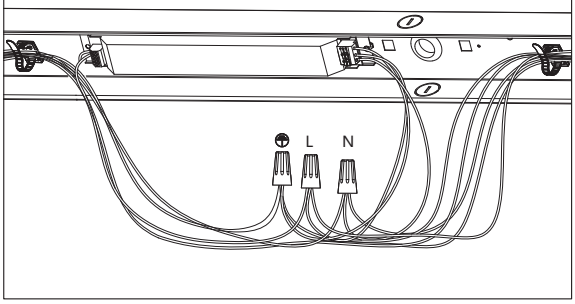
6. The same type of electronic wires are inserted into the same quick connector and combined into a pqrallel circuit.



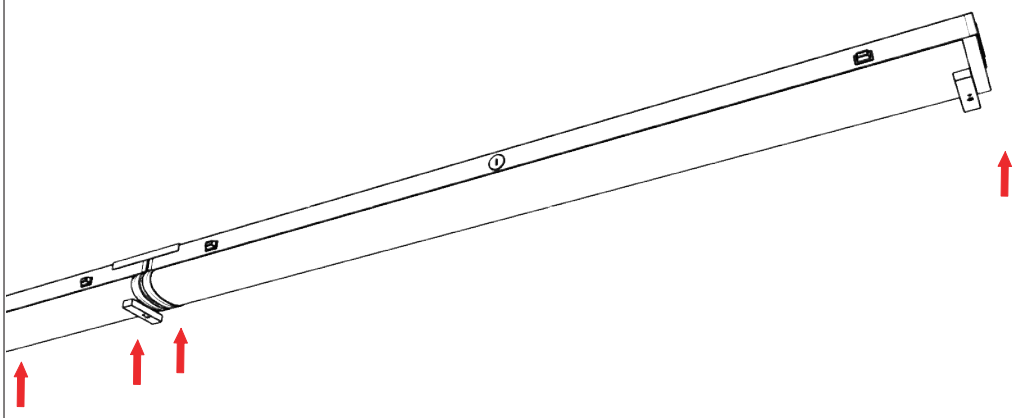
7. Tighten the wires in the quick connector, as the photo shows below.



8. As shown in the figure, it is the diagram of wiring completion.



9. After finished wire connecting and install back the housing, Light up.



The Installation must be carried out by a qualified electrician.