



LED Linear Strip Light

SHENZHEN NUOGUAN TECHNOLOGY CO., LTD.

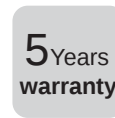
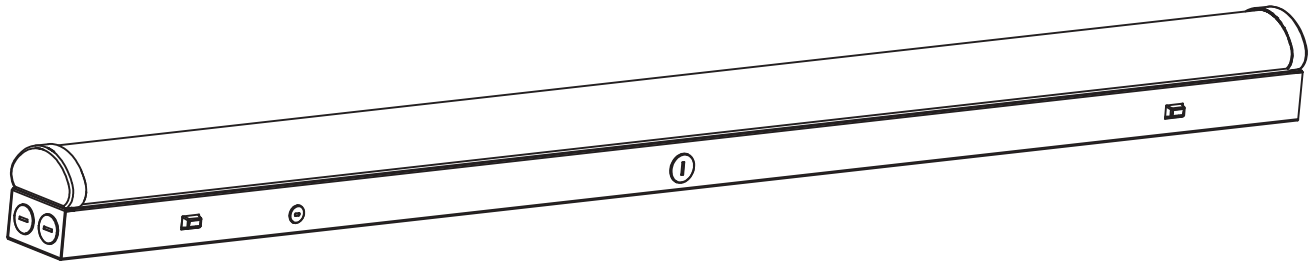
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NGTLIGHT LLC Warehouse: CA & OH

Oversea Factory: Huilongda Industrial Park, Shilongzai, Shiyan Town. Shenzhen, P.R.China.

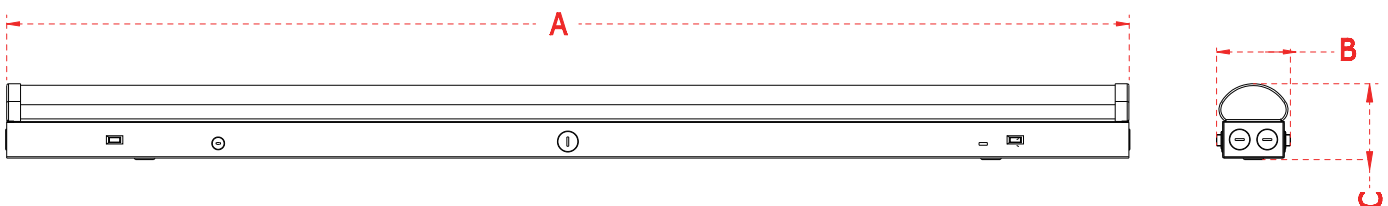
Product Appearance



Product Features

- 1. ETL,CETL, DLC listed.
- 2. Power optional: 4FT 30W-35W-40W,8FT 60W-70W-80W.
- 3. Lumen efficiency: 140lm/w. ,
- 4. 0-10V dimmable driver.
- 5. Input voltage: 100-277VAC .
- 6. Installation: Surface mounted // Suspension
- 7. Five years ' warranty.

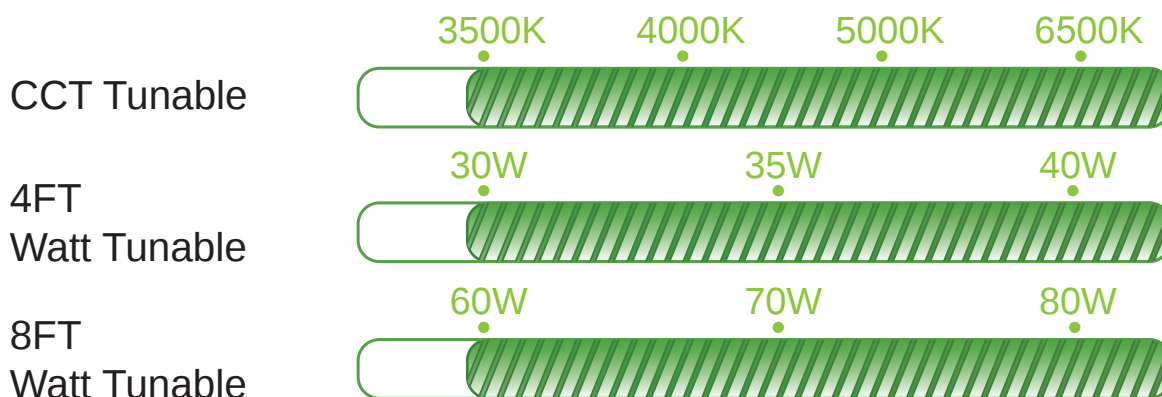
Product Dimension



Model	size	A (inch)(mm)	B (inch)(mm)	C (inch)(mm)
NG-STL-40W	4FT	48.03" 1220mm	2.95" 75mm	2.99" 76mm
NG-STL-80W	8FT	95.98" 2438mm	2.95" 75mm	2.99" 76mm

Specification

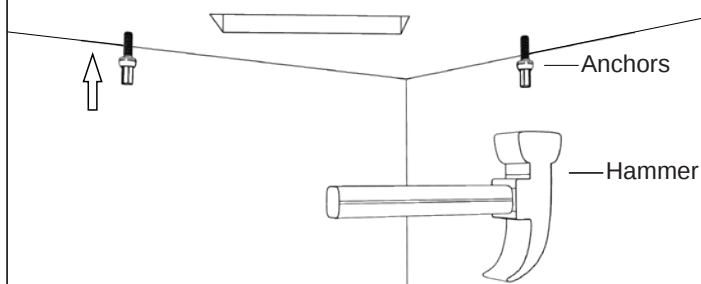
Model	size	Power	Input Voltage	Dimmable	PF	Light Efficacy	Ra	CCT
NG-STL-40W	4FT	30/35/40W	AC100-277V	0-10V	>0.9	140/lm	80	3500/4000/5000K/6500K
NG-STL-80W	8FT	60/70/80W	AC100-277V	0-10V	>0.9	140/lm	80	3500/4000/5000K/6500K



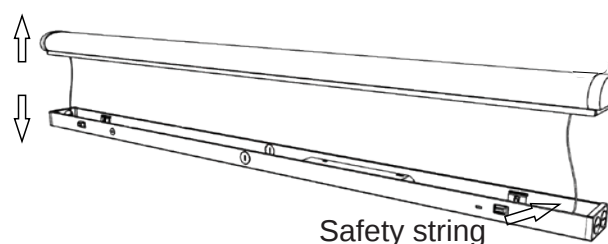
Installation

Surface Mounted Installation

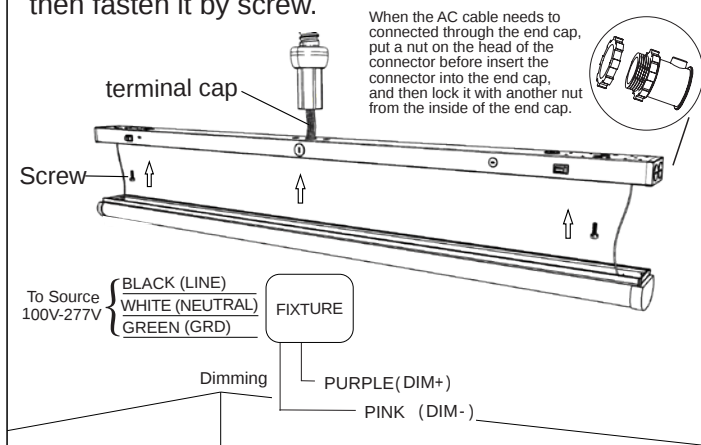
1. Insert the Anchors into the hole as picture.



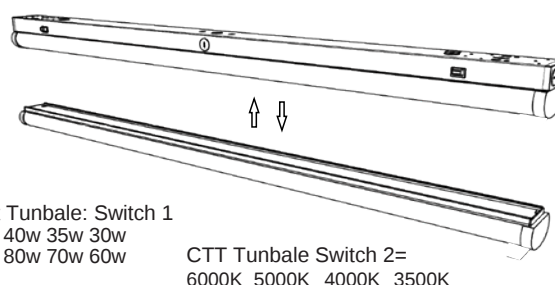
2. Press the button then open the PC housing.



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



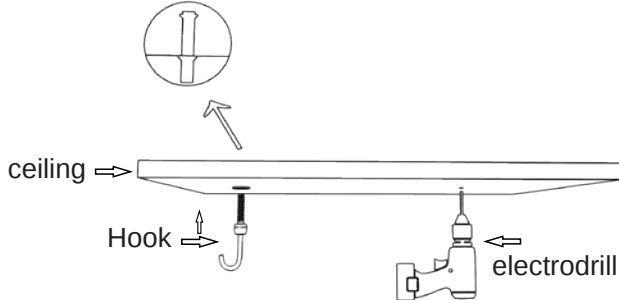
4. Press the button, then let the PC housing return to original place. Open the PC cover then adjust the DIP switch.



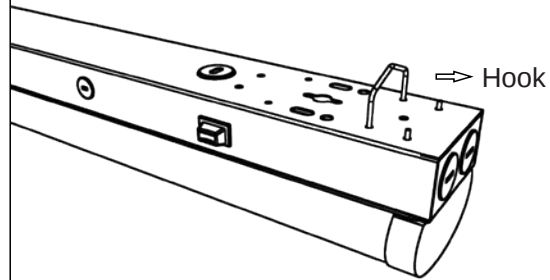
Installation

Suspension installation

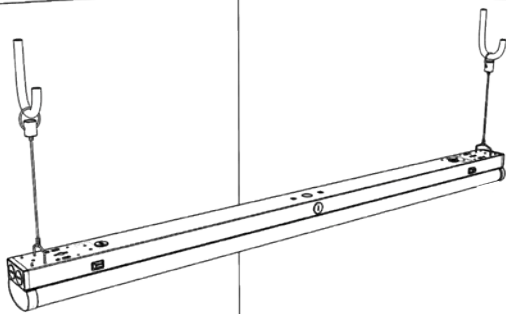
1. Drill two holes in the ceiling with electrodrill, put the hook into the hole.



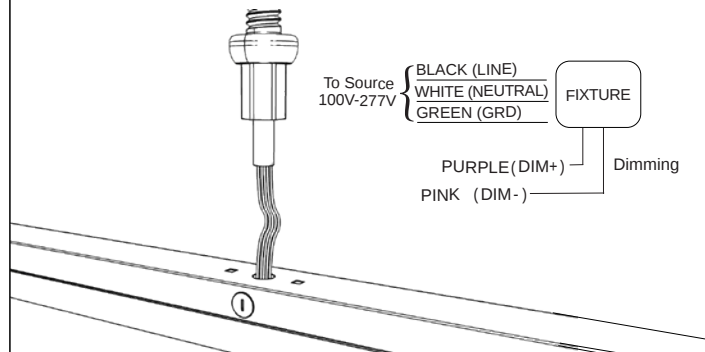
2. Put the hook into the holes as picture.



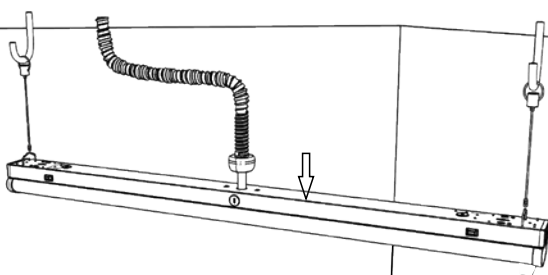
3. One side of safety rope to connect the hook, the other connect the lifting hook.



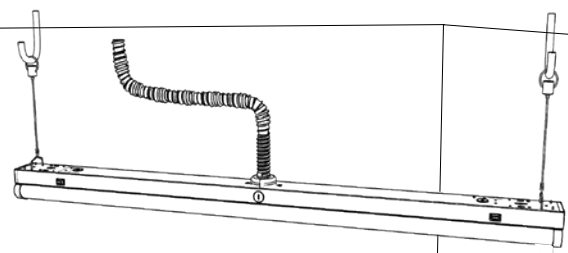
4. Turn off power, and make wiring connections with terminalcap. (see wiring instruction below).



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



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



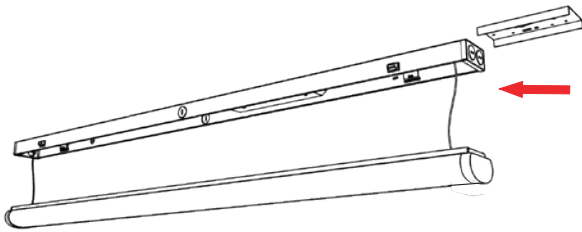
Watt Tunbale: Switch 1
4ft 40w 35w 30w
8ft 80w 70w 60w

CTT Tunbale Switch 2=
6500K 5000K 4000K 3500K

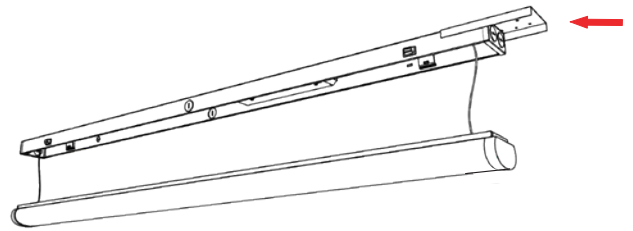
Installation

Connection for option

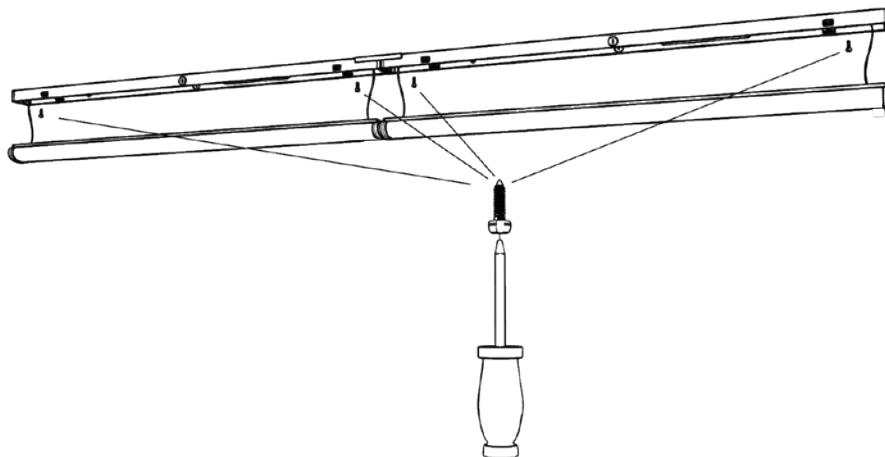
1. Fix the connection bracket on the wall.



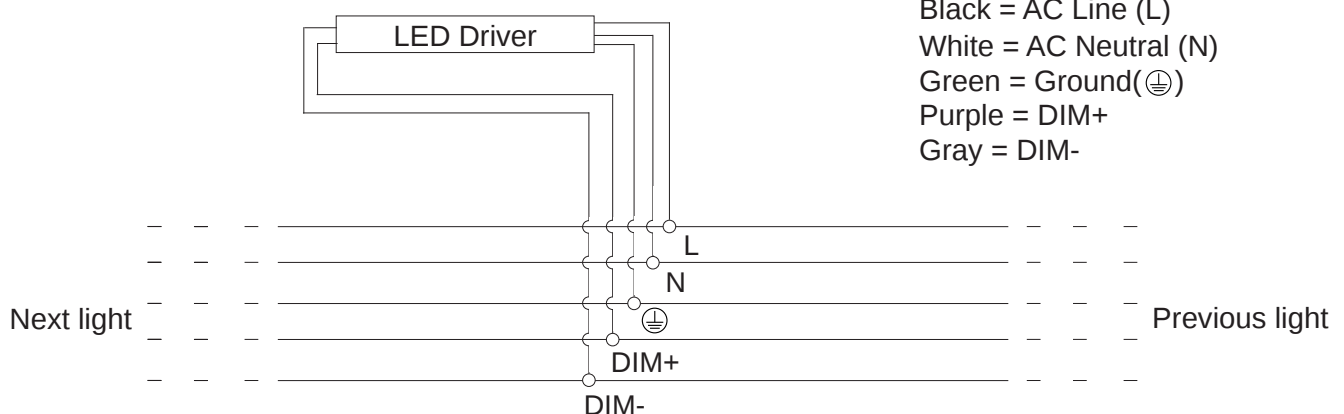
2. Insert the strip light into the connection bracket, then drill holes at a suitable position in the wall for installing the next strip light.



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.



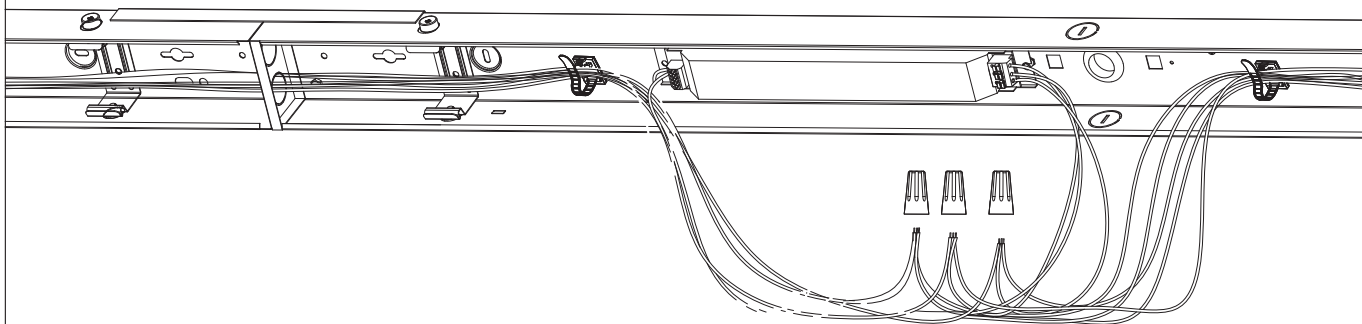
4. Wiring schematic as shown.



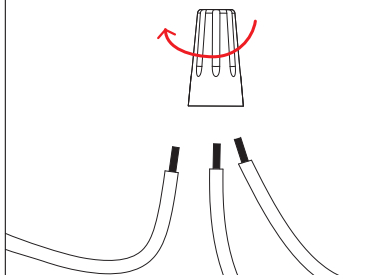
Installation

Connection for option

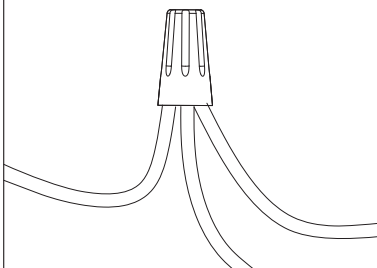
5. Pass wires through the knockout hole, fix the wires with 3M glue.



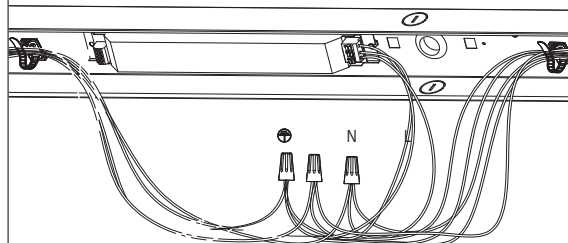
6. The same type of electronic wires are inserted into the same quick connector and combined into a parallel circuit.



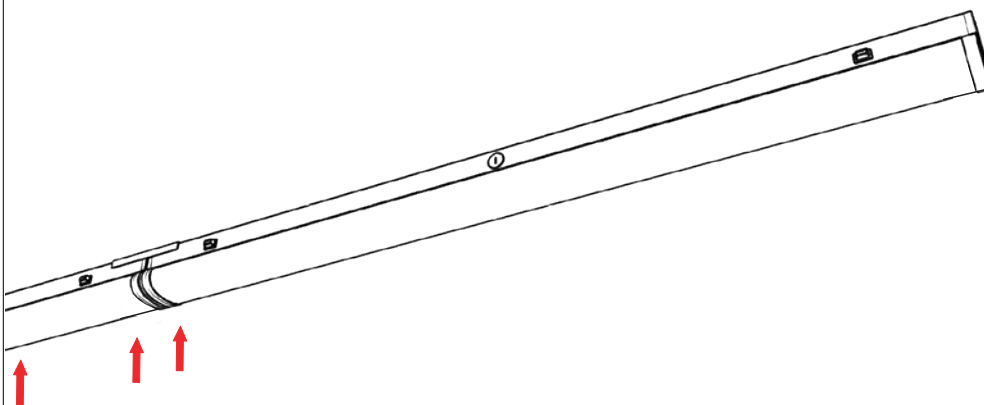
7. Tighten the wires in the quick connector, as the photo shows below.



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



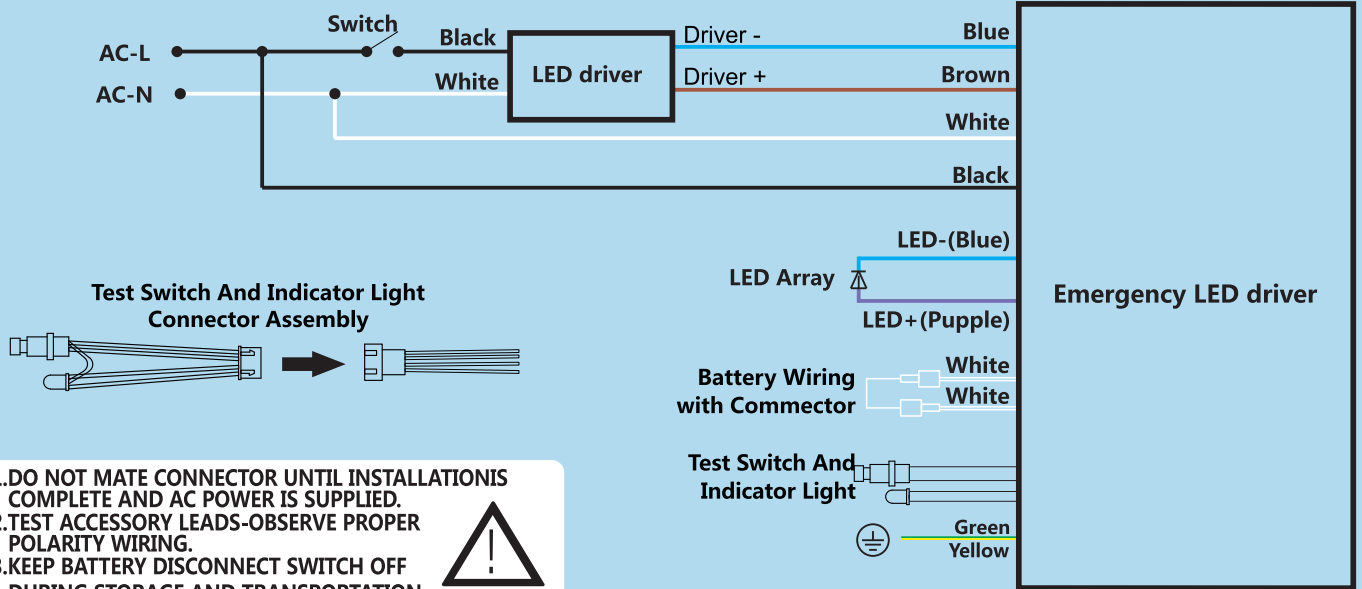
9. After finished wire connecting and install back the housing, Light up.



The Installation must be carried out by a qualified electrician.

Emergency LED Driver

Wiring Diagram

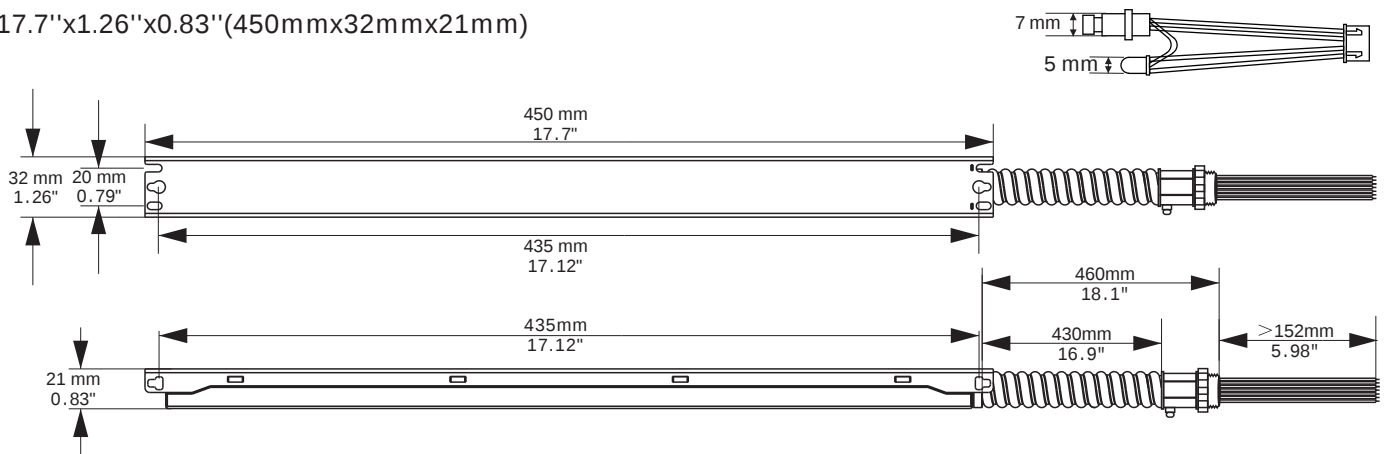


1. DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
2. TEST ACCESSORY LEADS-OBSERVE PROPER POLARITY WIRING.
3. KEEP BATTERY DISCONNECT SWITCH OFF DURING STORAGE AND TRANSPORTATION



Dimensions

17.7"x1.26"x0.83"(450mmx32mmx21mm)



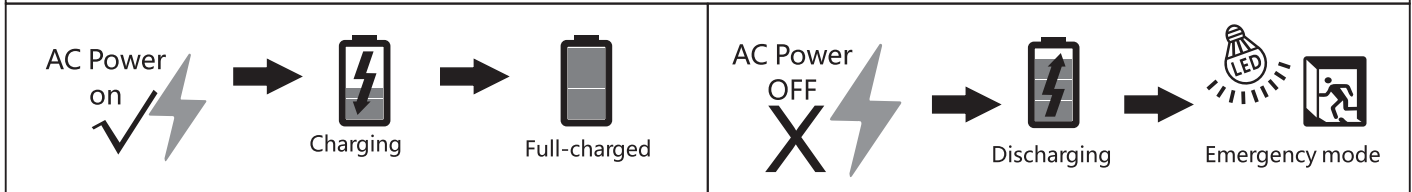
Operation

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.

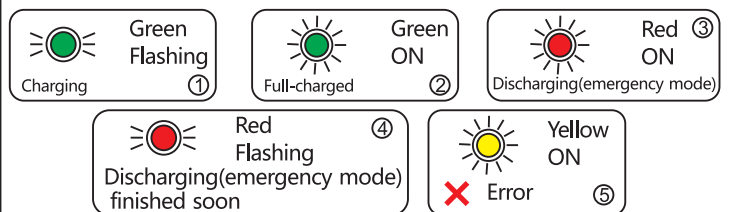
Emergency operation:

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 outdoors.
- 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, UL listed 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 luminaire by 3M 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.

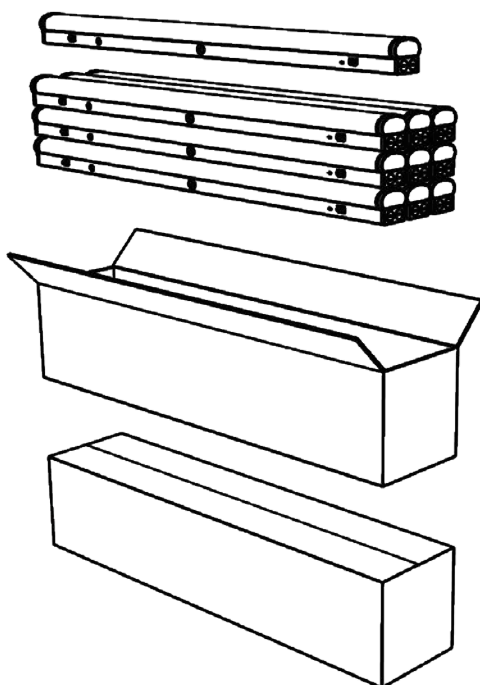


Packing/weight

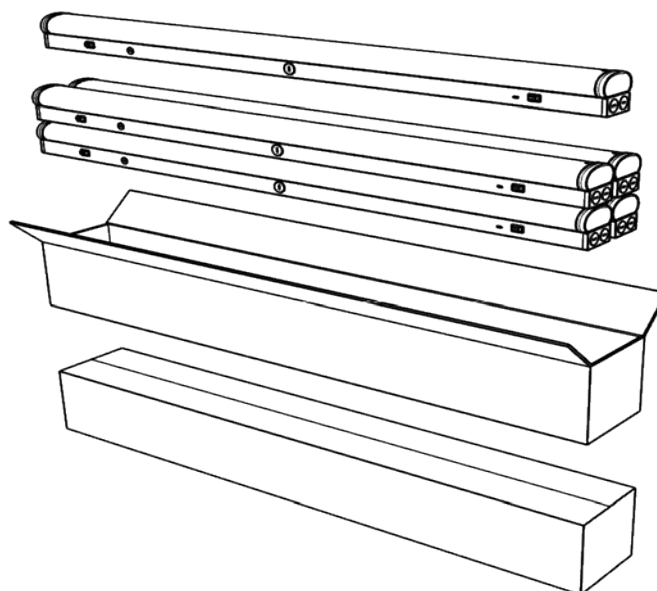
Part NO.	Outer Carton Size (LxWxH)	Qty/Carton (pcs)	Net weight (kg)(lbs)	Gross weight (kg)(lbs)	20GP (QTY)	40HQ (QTY)
NG-STL-40W	(1230x234x242mm) (48.42"x9.21"x9.53")	9PCS	1.5kg 3.31lbs	15.3kg 33.73lbs	3600	8496
NG-STL-80W	(2455x160x165mm) (96.65"x6.30"x6.5")	4PCS	2.8kg 6.17lbs	13.2kg 29.1lbs	1664	3928

Packing

T F 4



T F 8





A smarter way to light up your business



- 1.The installation and maintenance must be completed by electricians or professionals.
- 2.Please cut off the power before installation and maintenance.
- 3.The fixture is not allowed to be covered by thermally insulating material.
- 4.Please keep away from the corrosive substance,and keep the fixture dry and clean.
- 5.Working tempe:-4°F~104°F,storage temperature:-22°F~140°F.

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