

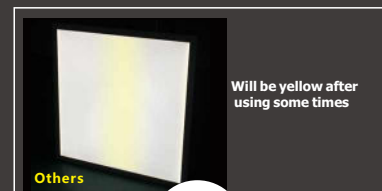


## Backlit panel series

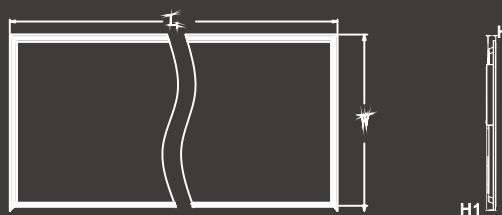


### Product features

- High reliability: Stable optical parameter, use PMMA secondary optical lens, will not be yellow;
- Wattage and CCT adjustable: Equipped with a slide switch for stepwise adjustment of power and color temperature;
- Small package: Save shipment cost;
- Cost-effective: More competitive price at the same level quality;
- Full range of function: Wattage Adjustable, CCT Adjustable, 0-10V Dimmable, Motion sensor, Non-dimmable, Emergency, or flexible combination function.



### Dimension



ModelNo.	L	W	H	H1
LT-0606	603mm(23.7")	603mm(23.7")	28mm(1.1")	45mm(1.7")
LT-1203	1213mm(47.7")	303mm(11.9")	28mm(1.1")	45mm(1.7")
LT-1206	1213mm(47.7")	603mm(23.7")	28mm(1.1")	45mm(1.7")

## Specification/Product Parameters

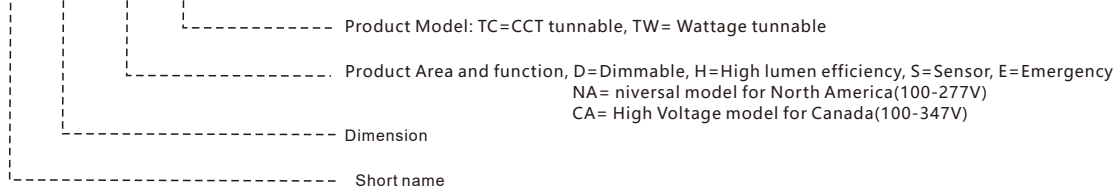
- **Input voltage:**100~277 VAC or 100-347 VAC
- **Power:**25W~70W
- **Frequency:**50/60Hz

- **Lumen Efficacy:**110 or 130LM/W
- **Power factor:** > 0.9
- **Beam angle:**120°

- **THD:** < 18%
- **Lifespan :**50000H
- **Operating temperature:**-25°~+40°

## Model Definition

For example : **LT-0606-DNA-TC**



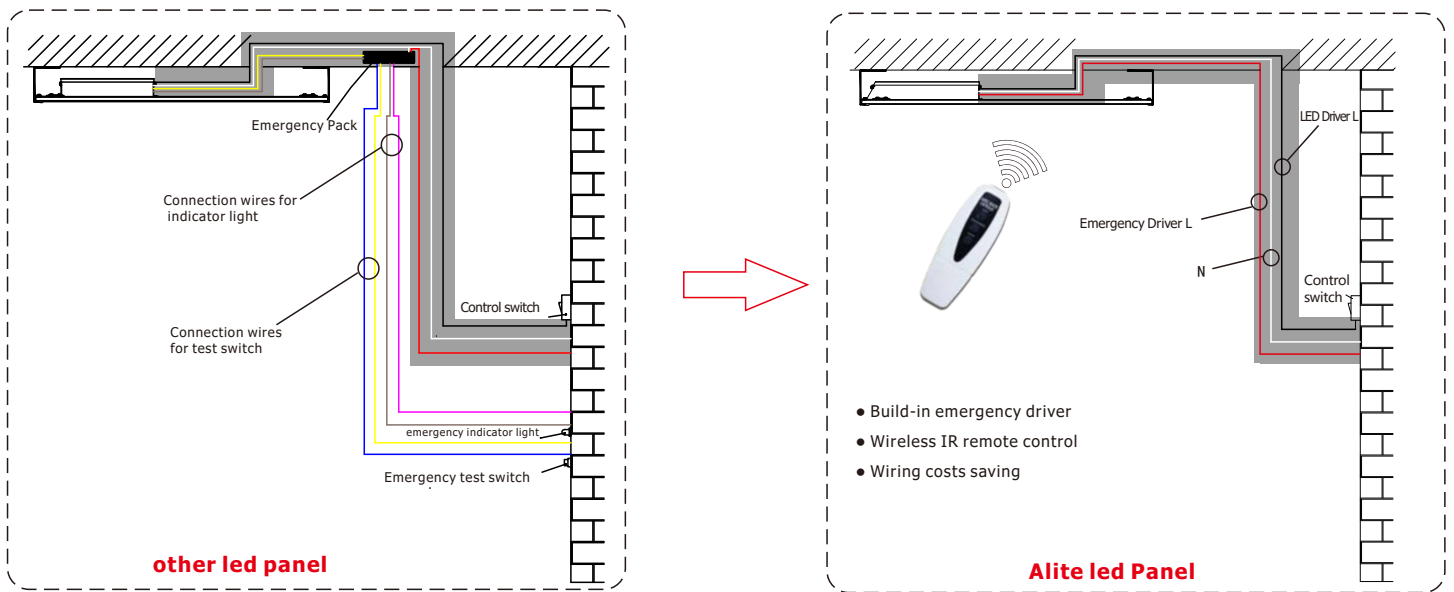
Model No	Power (W)	Input Voltage (V)	CCT(K)	Efficacy (LM/W)	CRI	Emergency	ETL(Y/N)
LT-0606-DNA	20 or 25 or 30 or 36 or 40 (Optional)	100-277	3000~5000	110	≥82		Y
LT-1203-DNA	20 or 25 or 30 or 36 or 40 (Optional)	100-277	3000~5000	110	≥82		Y
LT-1206-DNA	25 or 30 or 40 or 45 or 50 or 70 (Optional)	100-277	3000~5000	110	≥82		Y
LT-0606-HDNA	20 or 25 or 30 or 36 or 40 (Optional)	100-277	3000~5000	130	≥82		Y
LT-1203-HDNA	20 or 25 or 30 or 36 or 40 (Optional)	100-277	3000~5000	130	≥82		Y
LT-1206-HDNA	25 or 30 or 40 or 45 or 50 or 70 (Optional)	100-277	3000~5000	130	≥82		Y
LT-0606-DNA-TW	20—25—30—36—40 (Adjustable)	100-277	3000~5000	110	≥82		Y
LT-1203-DNA-TW	20—25—30—36—40 (Adjustable)	100-277	3000~5000	110	≥82		Y
LT-1206-DNA-TW	25—30—40—45—50 (Adjustable)	100-277	3000~5000	110	≥82		Y
LT-0606-HDNA-TW	20—25—30—36—40 (Adjustable)	100-277	3000~5000	130	≥82		Y
LT-1203-HDNA-TW	20—25—30—36—40 (Adjustable)	100-277	3000~5000	130	≥82		Y
LT-1206-HDNA-TW	25—30—40—45—50 (Adjustable)	100-277	3000~5000	130	≥82		Y
LT-0606-DNA-TC	20 or 25 or 30 or 36 or 40 (Optional)	100-277	3500—4100—5000 (Adjustable)	110	≥82		Y
LT-1203-DNA-TC	20 or 25 or 30 or 36 or 40 (Optional)	100-277	3500—4100—5000 (Adjustable)	110	≥82		Y
LT-1206-DNA-TC	25 or 30 or 40 or 45 or 50 (Optional)	100-277	3500—4100—5000 (Adjustable)	110	≥82		Y
LT-0606-HDNA-TC	20 or 25 or 30 or 36 or 40 (Optional)	100-277	3500—4100—5000 (Adjustable)	130	≥82		Y
LT-1203-HDNA-TC	20 or 25 or 30 or 36 or 40 (Optional)	100-277	3500—4100—5000 (Adjustable)	130	≥82		Y
LT-1206-HDNA-TC	25 or 30 or 40 or 45 or 50 (Optional)	100-277	3500—4100—5000 (Adjustable)	130	≥82		Y
LT-0606-DNA-TWTC	20—25—30—36—40 (Adjustable)	100-277	3500—4100—5000 (Adjustable)	110	≥82		Y
LT-1203-DNA-TWTC	20—25—30—36—40 (Adjustable)	100-277	3500—4100—5000 (Adjustable)	110	≥82		Y
LT-1206-DNA-TWTC	25—30—40—45—50 (Adjustable)	100-277	3500—4100—5000 (Adjustable)	110	≥82		Y
LT-0606-HDNA-TWTC	20—25—30—36—40 (Adjustable)	100-277	3500—4100—5000 (Adjustable)	130	≥82		Y
LT-1203-HDNA-TWTC	20—25—30—36—40 (Adjustable)	100-277	3500—4100—5000 (Adjustable)	130	≥82		Y
LT-1206-HDNA-TWTC	25—30—40—45—50 (Adjustable)	100-277	3500—4100—5000 (Adjustable)	130	≥82		Y
LT-0606-ENA	20 or 25 or 30 or 36 or 40 (Optional)	100-277	3000~5000	110	≥82	Y	Y
LT-1203-ENA	20 or 25 or 30 or 36 or 40 (Optional)	100-277	3000~5000	110	≥82	Y	Y
LT-1206-ENA	25 or 30 or 40 or 45 or 50 or 70 (Optional)	100-277	3000~5000	110	≥82	Y	Y

Model No	Power (W)	Input Voltage (V)	CCT(K)	Efficacy (LM/W)	CRI	Emergency	ETL(Y/N)
LT-0606-HENA	20 or 25 or 30 or 36 or 40 ( Optional)	100-277	3000~5000	130	≥82	Y	Y
LT-1203-HENA	20 or 25 or 30 or 36 or 40 ( Optional)	100-277	3000~5000	130	≥82	Y	Y
LT-1206-HENA	25 or 30 or 40 or 45 or 50 or 70 ( Optional)	100-277	3000~5000	130	≥82	Y	Y
LT-0606-DCA	20 or 25 or 30 or 36 or 40 ( Optional)	100-347	3000~5000	110	≥82		Y
LT-1203-DCA	20 or 25 or 30 or 36 or 40 ( Optional)	100-347	3000~5000	110	≥82		Y
LT-1206-DCA	25 or 30 or 40 or 45 or 50 or 70 ( Optional)	100-347	3000~5000	110	≥82		Y
LT-0606-HDCA	20 or 25 or 30 or 36 or 40 ( Optional)	100-347	3000~5000	130	≥82		Y
LT-1203-HDCA	20 or 25 or 30 or 36 or 40 ( Optional)	100-347	3000~5000	130	≥82		Y
LT-1206-HDCA	25 or 30 or 40 or 45 or 50 or 70 ( Optional)	100-347	3000~5000	130	≥82		Y
LT-0606-DCA-TW	20—25—30—36—40 ( Adjustable)	100-347	3000~5000	110	≥82		Y
LT-1203-DCA-TW	20—25—30—36—40 ( Adjustable)	100-347	3000~5000	110	≥82		Y
LT-1206-DCA-TW	25—30—40—45—50 ( Adjustable)	100-347	3000~5000	110	≥82		Y
LT-0606-HDCA-TW	20—25—30—36—40 ( Adjustable)	100-347	3000~5000	130	≥82		Y
LT-1203-HDCA-TW	20—25—30—36—40 ( Adjustable)	100-347	3000~5000	130	≥82		Y
LT-1206-HDCA-TW	25—30—40—45—50 ( Adjustable)	100-347	3000~5000	130	≥82		Y
LT-0606-DCA-TC	20 or 25 or 30 or 36 or 40 ( Optional)	100-347	3500—4100—5000 ( Adjustable)	110	≥82		Y
LT-1203-DCA-TC	20 or 25 or 30 or 36 or 40 ( Optional)	100-347	3500—4100—5000 ( Adjustable)	110	≥82		Y
LT-1206-DCA-TC	25 or 30 or 40 or 45 or 50 ( Optional)	100-347	3500—4100—5000 ( Adjustable)	110	≥82		Y
LT-0606-HDCA-TC	20 or 25 or 30 or 36 or 40 ( Optional)	100-347	3500—4100—5000 ( Adjustable)	130	≥82		Y
LT-1203-HDCA-TC	20 or 25 or 30 or 36 or 40 ( Optional)	100-347	3500—4100—5000 ( Adjustable)	130	≥82		Y
LT-1206-HDCA-TC	25 or 30 or 40 or 45 or 50 ( Optional)	100-347	3500—4100—5000 ( Adjustable)	130	≥82		Y
LT-0606-DCA-TWTC	20—25—30—36—40 ( Adjustable)	100-347	3500—4100—5000 ( Adjustable)	110	≥82		Y
LT-1203-DCA-TWTC	20—25—30—36—40 ( Adjustable)	100-347	3500—4100—5000 ( Adjustable)	110	≥82		Y
LT-1206-DCA-TWTC	25—30—40—45—50 ( Adjustable)	100-347	3500—4100—5000 ( Adjustable)	110	≥82		Y
LT-0606-HDCA-TWTC	20—25—30—36—40 ( Adjustable)	100-347	3500—4100—5000 ( Adjustable)	130	≥82		Y
LT-1203-HDCA-TWTC	20—25—30—36—40 ( Adjustable)	100-347	3500—4100—5000 ( Adjustable)	130	≥82		Y
LT-1206-HDCA-TWTC	25—30—40—45—50 ( Adjustable)	100-347	3500—4100—5000 ( Adjustable)	130	≥82		Y
LT-0606-ECA	20 or 25 or 30 or 36 or 40 ( Optional)	100-347	3000~5000	110	≥82	Y	Y
LT-1203-ECA	20 or 25 or 30 or 36 or 40 ( Optional)	100-347	3000~5000	110	≥82	Y	Y
LT-1206-ECA	25 or 30 or 40 or 45 or 50 or 70 ( Optional)	100-347	3000~5000	110	≥82	Y	Y
LT-0606-HECA	20 or 25 or 30 or 36 or 40 ( Optional)	100-347	3000~5000	130	≥82	Y	Y
LT-1203-HECA	20 or 25 or 30 or 36 or 40 ( Optional)	100-347	3000~5000	130	≥82	Y	Y
LT-1206-HECA	25 or 30 or 40 or 45 or 50 or 70 ( Optional)	100-347	3000~5000	130	≥82	Y	Y

Remark: The above lumen efficacy is based on the 4000K, if the CCT is 3000K or 3500K, the efficacy will be lower 5%

## —Emergency

- High Temp. Ni-MH battery, the highest charging temp. is up to 70°C. Smaller in size, longer lifetime, safer in practical use, RoHS compliant;
- The nickel-metal hydride batteries can be repeated 500 charge-discharge cycles by correct operation, If use emergency function once a week, the lifetime can be up to 8~10 years;
- After leaving factory, the emergency battery turns itself into a dormant state to avoid electric discharge and leakage;
- To ensure battery lifetime, this emergency product is designed to have a trimonthly charge and discharge cycle. Users can close/start this function by remote control, details please refer to remote control function instructions. (Factory settings: automatic discharge function is "start" status;)
- The battery charge cycle is 24hrs. With dual protection of voltage detection and charging time detection, the battery could be prevented effectively overcharge and overdischarge, once any of the protections is triggered, circuit will automatically switch to an intermittent charge.
- Emergency lighting driver employs more advanced electronic relay, convert emergency in 200ms, that is two times faster than traditional coil relay to switch;
- Please make a emergency test every month for the lamp with Emergency backup. Operation: press the TEST button of wireless controller, if the lamp can switch to the battery powered, then the emergency backup is working.
- Conform to the safety requirements and Emergency products must ensure that the function of the emergency regulations, adopt wireless IR remote to control, without any external button and lead, savings in wiring and maintenance costs. (Picture 1)



(Picture 1)

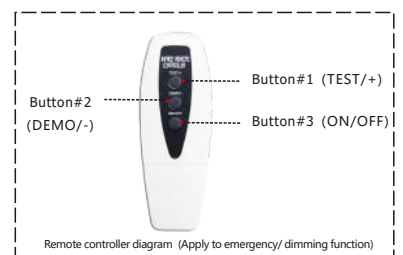
## —Remote Control

- Wireless IR Remote Control Instructions (Picture 2)

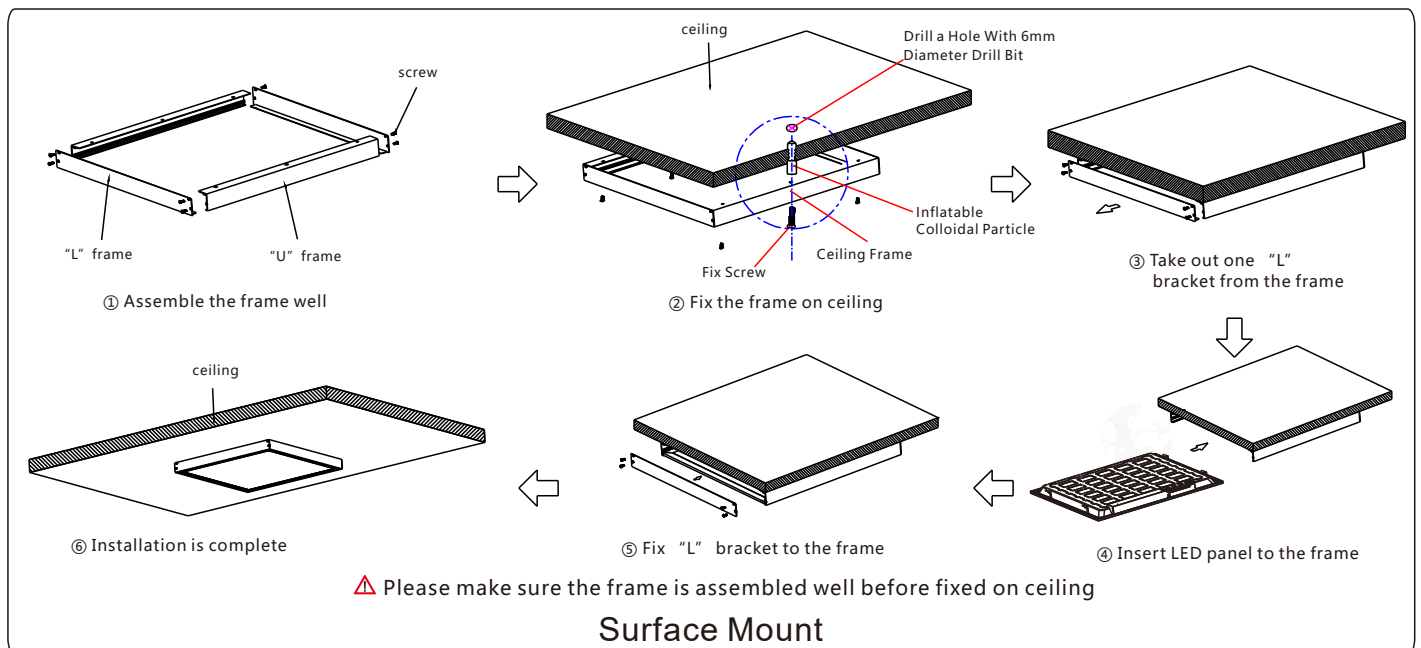
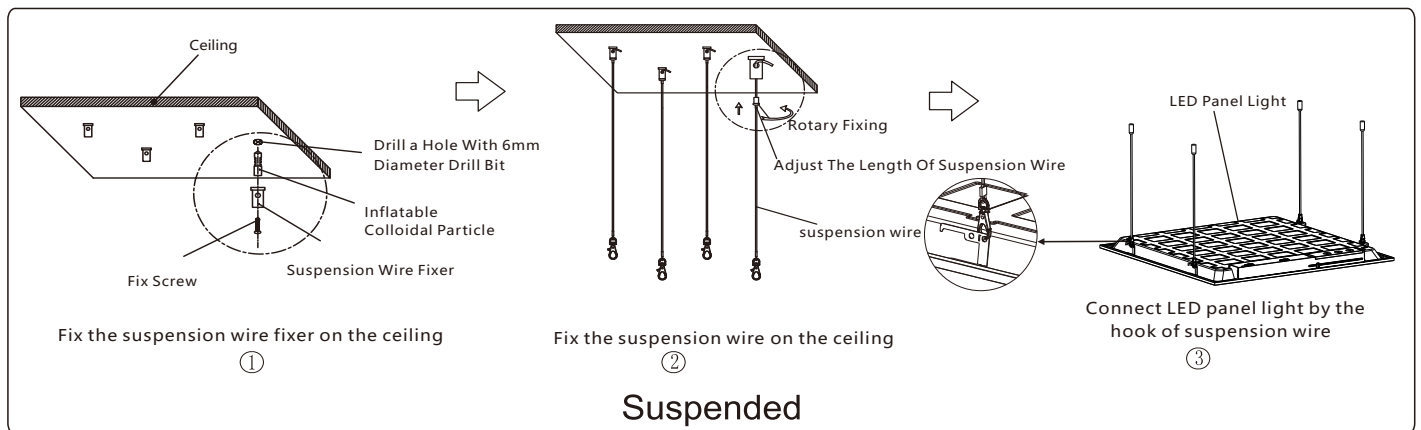
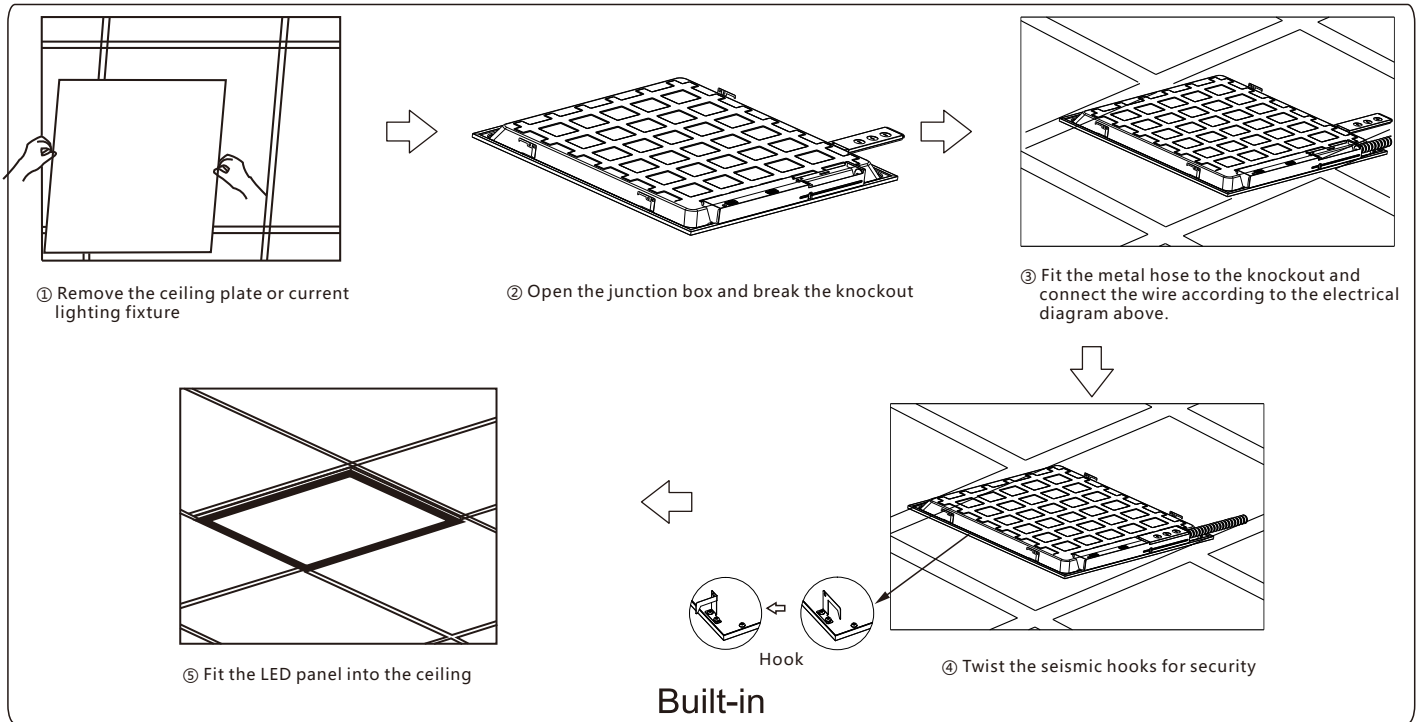
Button#1: TEST/+ (For Emergency: Press it, the light fixture will become emergency state for 3 seconds and the indicator light turns Red.)  
(For Dimming by Remote Control: Press it, will increase the brightness of the fixture and the indicator light will flash.)

Button#2: DEMO/- (For Emergency: Press it and the ON/OFF button on normal working status, will start Emergency DEMO function. Press it and the ON/OFF button again, will close the Emergency DEMO function. Standard setting of this function is closed.)  
(For Dimming by Remote Control: Press it, will decrease the brightness of the fixture and the indicator light will flash)

Button#3: ON/OFF (For Emergency: Press it for 3s on normal working status, the indicator light turns Red and keep flash, will start the every three months automatic discharge function. And Press it for 3s again, the indicator light turns Red and flash once, will close the every three months automatic discharge function; Standard setting of this function is closed)  
(For Dimming by Remote Control: Press it, the dimming function will ON or OFF. When OFF it is equal to Standby State, the light is off and the indicator light is always on).



## Installation Instructions



## Product Application

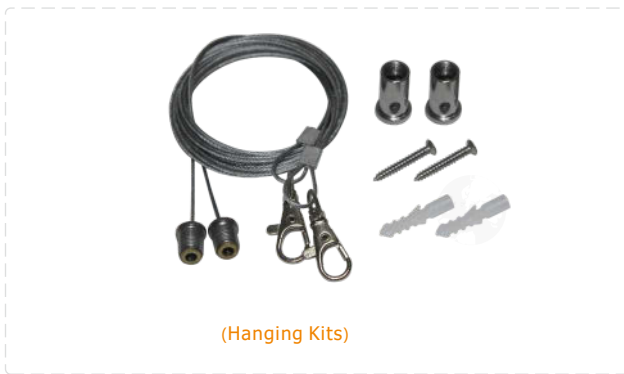
Application for most indoor area for Commercial Lighting, residential lighting and Industrial lighting, etc.

### Warning and caution:

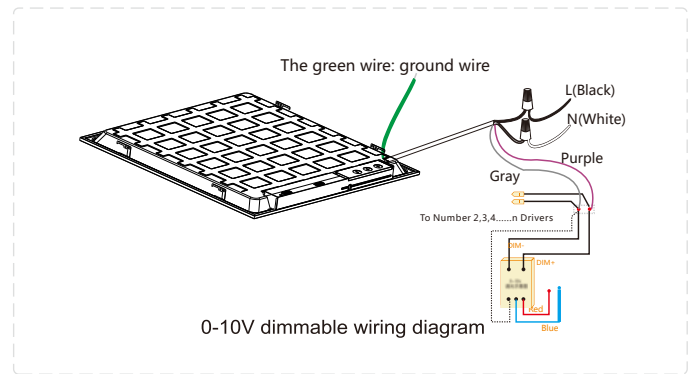
Don't use in completely enclosed fixture and damp area.



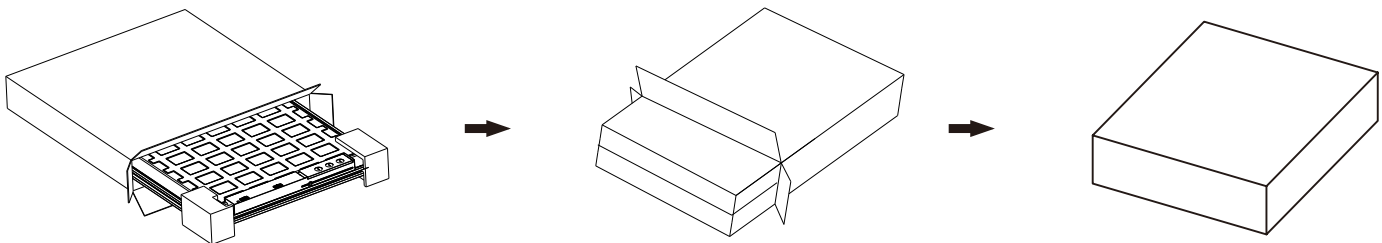
## Parts Information



## Mode of Connection



## Packaging



Model No.	Net Weight	Qty(carton)	Gross Weight/Carton	Container (40HQ)	Carton Size
LT-0606	9.2kg	4pcs	11.5kg	2928pcs	L642*W228*H650mm L25.2"*W8.9*H25.5"
LT-1203	8.9kg	4pcs	10.5kg	2712pcs	L1250*W228*H348 L49.2"*W8.9*H13.7"
LT-1206	17.2kg	4pcs	21.2kg	1512pcs	L1250*W228*H650 L49.2"*W8.9*H25.5"

NO.	Packing Contents
①	LED Panel Light
②	Hanging Kits (optional)
③	Instructions manual