



Remote Control



## Tri-proof Light series



### Product features

- Fashionable and personalized design, modern and unique appearance with 270° big beam angle.
- Built-in aluminum heat sink, with V0 Fire-rated PC housing wrapped around, not only keeps itself cooling, but enhances insulation safety, hi-spot > 5000V.
- Nowadays' most stable microwave detection technology employed saves as much energy as possible.
- Integral design and fully compact structure, waterproofing grade reaches IP65.
- The utilization of wireless controller cuts down maintenance costs, it's the best choice of intelligent emergency lighting system.
- 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;
- A complete range of product line includes 0-10v dimming, non-dimming, emergency lighting, motion sensor detection control, and other flexible combination.

### Dimension



Model No.	L1(mm)	L2(mm)	W(mm)	H(mm)
TP-0.6m-20W-EU	600	540	94	60
TP-0.9m-25W-EU	900	840	94	60
TP-1.2m-36W-EU	1200	1140	94	60
TP-1.2m-45W-EU	1200	1140	94	60
TP-1.5m-60W-EU	1500	1440	94	60
TP-2.4m-70W-EU	2400	2340	94	60



## Product Application Instructions

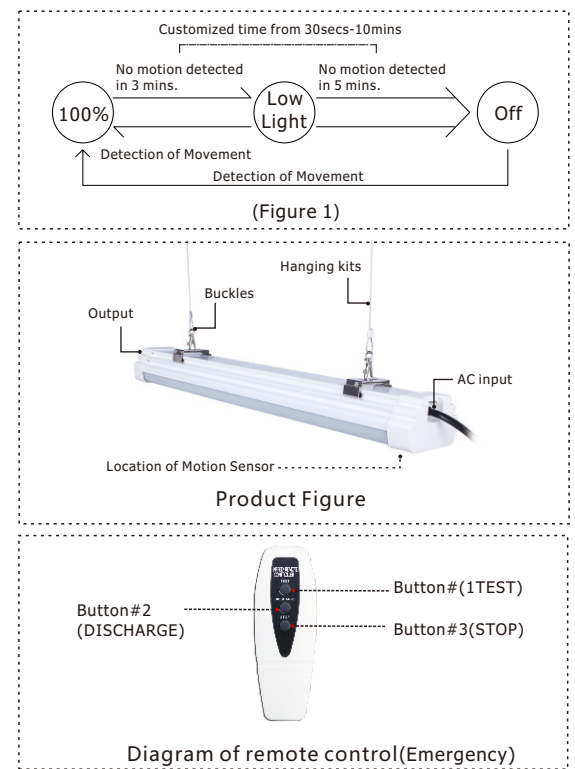
- This lamp uses microwave motion sensor,with the detected radius from 5 meters to 10 meters.
  - The lamp with sensor can achieve 3 step dimming function : 100%---> low light (10-20%)---->off custom settings .(Figure 1)
  - Please make a emergency test every month for the lamp with Emergency backup,operation : Press the TEST button of wireless controller, if the lamp can switch to the battery powered ,then the emergency backup is working.
  - Emergency lighting driver employs more advanced electronic relay that is two times faster than traditional coil relay to switch.
  - 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.
  - After leaving factory,the emergency battery turns itself into a dormant state to avoid electric discharge and leakage.
  - 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.
  - 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.
  - The utilization of IR Wireless controller:
- Button#1: TEST (Press this button, switch to emergency lighting model. Emergency indicator light turns red)
- Button#2: DISCHARGE(Press this button, battery starts to discharge, emergency indicator light shows up red until electrical discharge process is over. 5 sec later,this lamp switches to normal working state.);
- Button#3: STOP
- 1.Stop discharge(pause discharge when in emergency status)
  - 2.Cancel automatic discharge(keep pressing button 3 seconds ,when red indicator lamp flicker once,means closed every 3 month automatic discharge function.)
  - 3.Start automatic discharge(keep pressing button 3 seconds ,when red indicator lamp continues flicker ,means start every 3 month automatic discharge function.)

## Specification

- Input voltage:**100~240VAC
- Power:**20W~70W
- Frequency:**50/60Hz
- Lumen Efficacy:**120 LM/W
- Operating temperature:**-25°~+40°( Emergency minimum temperature -10°C)
- Power factor:** > 0.95
- Beam angle:**270°
- THD:** < 18%
- warranty :**5 years

## Product Parameters

Product Code	Model No.	Power(W)	CCT(K)	Lumens(LM)	CRI	SDCM	Emergency (Customized)	Senor	DIM(Optional)
AL13-007	TP-0.6m-20W-EU	20	3000/3500 4100/5000	2160 2400	≥82	≤3 ≤3/≤5			
AL13-008	TP-0.9m-25W-EU	25	3000/3500 4100/5000	2700 3000	≥82	≤3 ≤3/≤5			
AL13-009	TP-1.2m-36W-EU	36	3000/3500 4100/5000	3888 4320	≥82	≤3 ≤3/≤5			
AL13-010	TP-1.2m-45W-EU	45	3000/3500 4100/5000	4860 5400	≥82	≤3 ≤3/≤5			
AL13-011	TP-1.5m-60W-EU	60	3000/3500 4100/5000	6480 7200	≥82	≤3 ≤3/≤5			
AL13-012	TP-2.4m-70W-EU	70	3000/3500 4100/5000	7560 8400	≥82	≤3 ≤3/≤5			
AL13-013	TP-0.6m-20W-DEU	20	3000/3500 4100/5000	2160 2400	≥82	≤3 ≤3/≤5			Y
AL13-014	TP-0.9m-25W-DEU	25	3000/3500 4100/5000	2700 3000	≥82	≤3 ≤3/≤5			Y
AL13-015	TP-1.2m-36W-DEU	36	3000/3500 4100/5000	3888 4320	≥82	≤3 ≤3/≤5			Y
AL13-016	TP-1.2m-45W-DEU	45	3000/3500 4100/5000	4860 5400	≥82	≤3 ≤3/≤5			Y
AL13-017	TP-1.5m-60W-DEU	60	3000/3500 4100/5000	6480 7200	≥82	≤3 ≤3/≤5			Y
AL13-018	TP-2.4m-70W-DEU	70	3000/3500 4100/5000	7560 8400	≥82	≤3 ≤3/≤5			Y
AL13-019	TP-0.6m-20W-SEU	20	3000/3500 4100/5000	2160 2400	≥82	≤3 ≤3/≤5		Y	
AL13-020	TP-0.9m-25W-SEU	25	3000/3500 4100/5000	2700 3000	≥82	≤3 ≤3/≤5		Y	
AL13-021	TP-1.2m-36W-SEU	36	3000/3500 4100/5000	3888 4320	≥82	≤3 ≤3/≤5		Y	
AL13-022	TP-1.2m-45W-SEU	45	3000/3500 4100/5000	4860 5400	≥82	≤3 ≤3/≤5		Y	
AL13-023	TP-1.5m-60W-SEU	60	3000/3500 4100/5000	6480 7200	≥82	≤3 ≤3/≤5		Y	
AL13-024	TP-2.4m-70W-SEU	70	3000/3500 4100/5000	7560 8400	≥82	≤3 ≤3/≤5		Y	
AL13-025	TP-0.6m-20W-EDEU	20	3000/3500 4100/5000	2700 3000	≥82	≤3 ≤3/≤5	6W/3H		Y
AL13-026	TP-0.9m-25W-EDEU	25	3000/3500 4100/5000	2700 3000	≥82	≤3 ≤3/≤5	6W/3H		Y
AL13-027	TP-1.2m-36W-EDEU	36	3000/3500 4100/5000	3888 4320	≥82	≤3 ≤3/≤5	6W/3H		Y
AL13-028	TP-1.2m-45W-EDEU	45	3000/3500 4100/5000	4860 5400	≥82	≤3 ≤3/≤5	6W/3H		Y
AL13-029	TP-1.5m-60W-EDEU	60	3000/3500 4100/5000	6480 7200	≥82	≤3 ≤3/≤5	6W/3H		Y
AL13-030	TP-2.4m-70W-EDEU	70	3000/3500 4100/5000	7560 8400	≥82	≤3 ≤3/≤5	10W/2H		Y
AL13-037	TP-0.6m-20W-EEU	20	3000/3500 4100/5000	2160 2400	≥82	≤3 ≤3/≤5	6W/3H		
AL13-038	TP-0.9m-25W-EEU	25	3000/3500 4100/5000	2700 3000	≥82	≤3 ≤3/≤5	6W/3H		
AL13-039	TP-1.2m-36W-EEU	36	3000/3500 4100/5000	3888 4320	≥82	≤3 ≤3/≤5	6W/3H		
AL13-040	TP-1.2m-45W-EEU	45	3000/3500 4100/5000	4860 5400	≥82	≤3 ≤3/≤5	6W/3H		
AL13-041	TP-1.5m-60W-EEU	60	3000/3500 4100/5000	6480 7200	≥82	≤3 ≤3/≤5	6W/3H		
AL13-042	TP-2.4m-70W-EEU	70	3000/3500 4100/5000	7560 8400	≥82	≤3 ≤3/≤5	10W/2H		
AL13-043	TP-0.6m-20W-ESEU	20	3000/3500 4100/5000	2700 3000	≥82	≤3 ≤3/≤5	6W/3H	Y	
AL13-044	TP-0.9m-25W-ESEU	25	3000/3500 4100/5000	2700 3000	≥82	≤3 ≤3/≤5	6W/3H	Y	
AL13-045	TP-1.2m-36W-ESEU	36	3000/3500 4100/5000	3888 4320	≥82	≤3 ≤3/≤5	6W/3H	Y	
AL13-046	TP-1.2m-45W-ESEU	45	3000/3500 4100/5000	4860 5400	≥82	≤3 ≤3/≤5	6W/3H	Y	
AL13-047	TP-1.5m-60W-ESEU	60	3000/3500 4100/5000	6480 7200	≥82	≤3 ≤3/≤5	6W/3H	Y	
AL13-048	TP-2.4m-70W-ESEU	70	3000/3500 4100/5000	7560 8400	≥82	≤3 ≤3/≤5	10W/2H	Y	
AL13-049	TP-0.6m-20W-SDEU	20	3000/3500 4100/5000	2160 2400	≥82	≤3 ≤3/≤5		Y	Y
AL13-050	TP-0.9m-25W-SDEU	25	3000/3500 4100/5000	2700 3000	≥82	≤3 ≤3/≤5		Y	Y
AL13-051	TP-1.2m-36W-SDEU	36	3000/3500 4100/5000	3888 4320	≥82	≤3 ≤3/≤5		Y	Y
AL13-052	TP-1.2m-45W-SDEU	45	3000/3500 4100/5000	4860 5400	≥82	≤3 ≤3/≤5		Y	Y
AL13-053	TP-1.5m-60W-SDEU	60	3000/3500 4100/5000	6480 7200	≥82	≤3 ≤3/≤5		Y	Y
AL13-054	TP-2.4m-70W-SDEU	70	3000/3500 4100/5000	7560 8400	≥82	≤3 ≤3/≤5		Y	Y

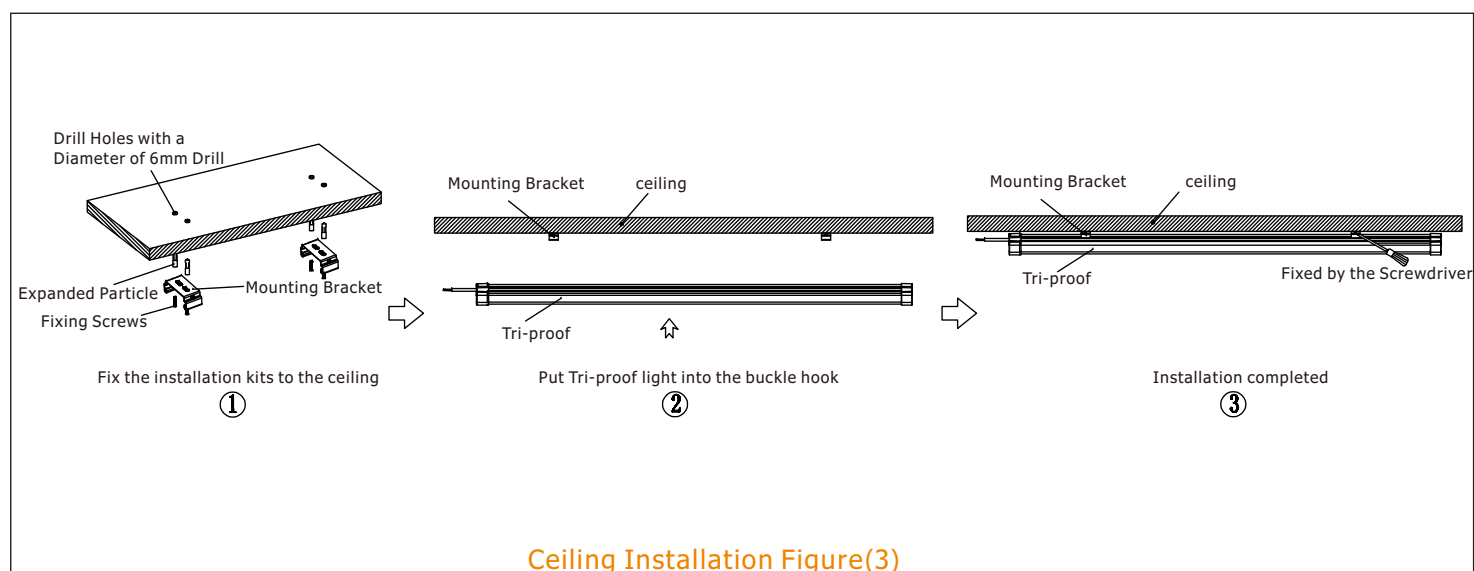
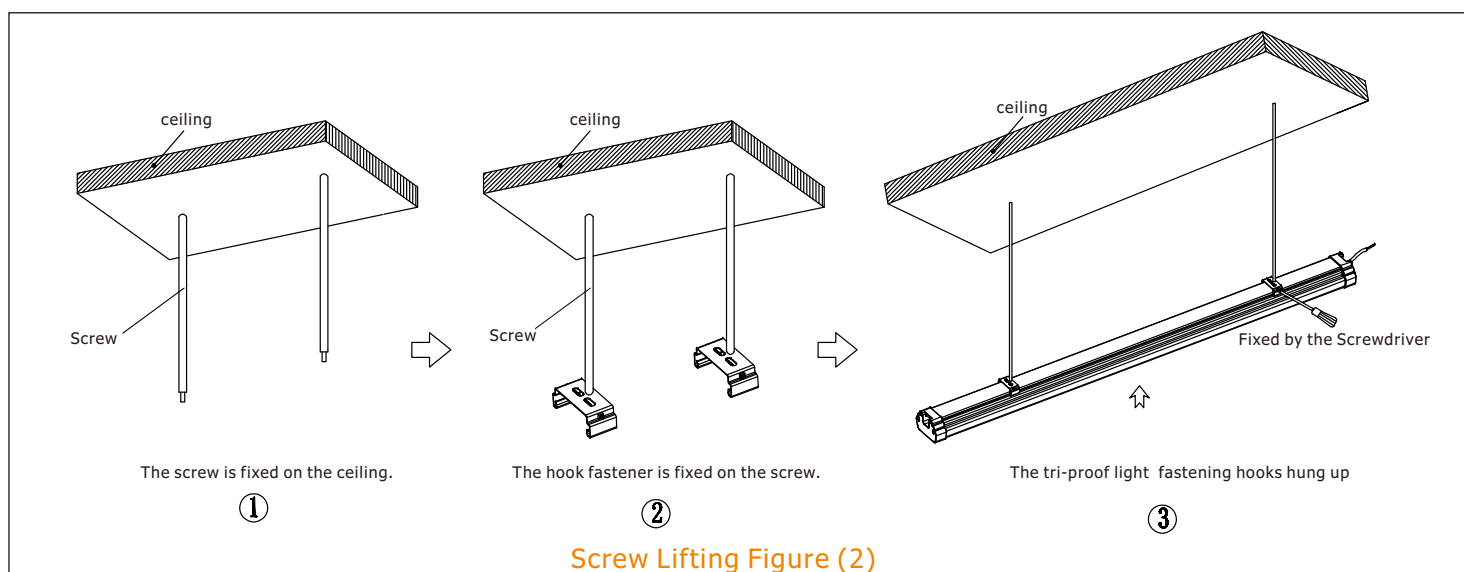
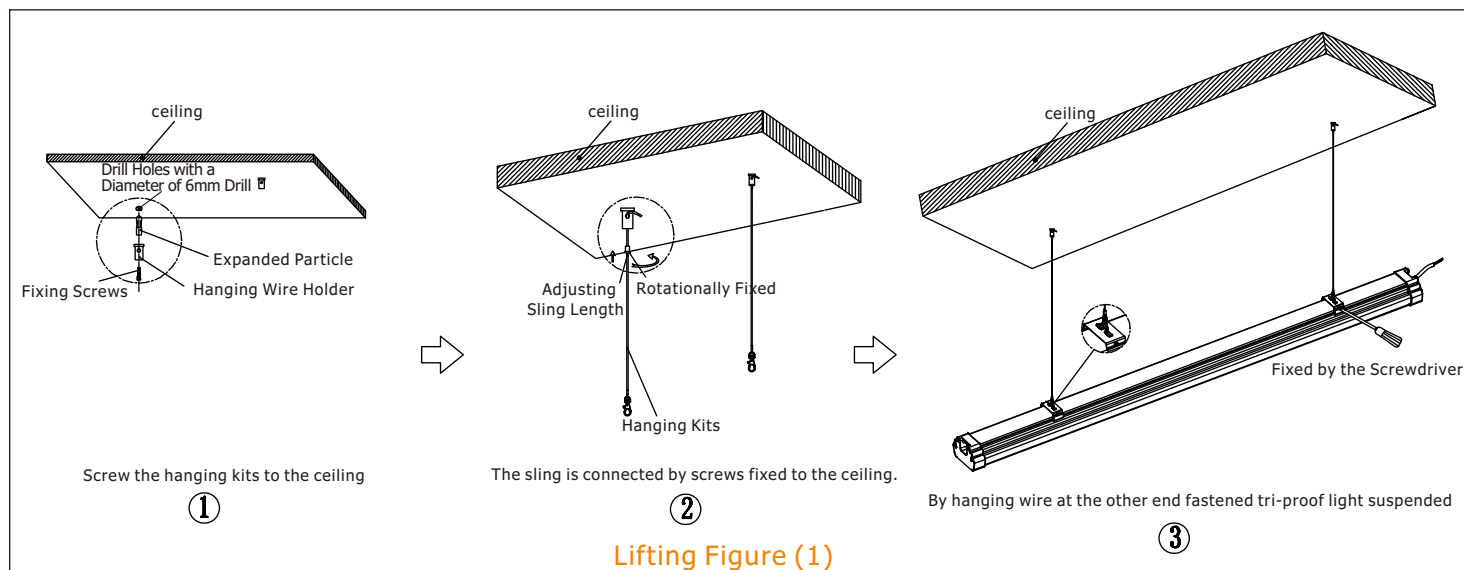


## Product Application

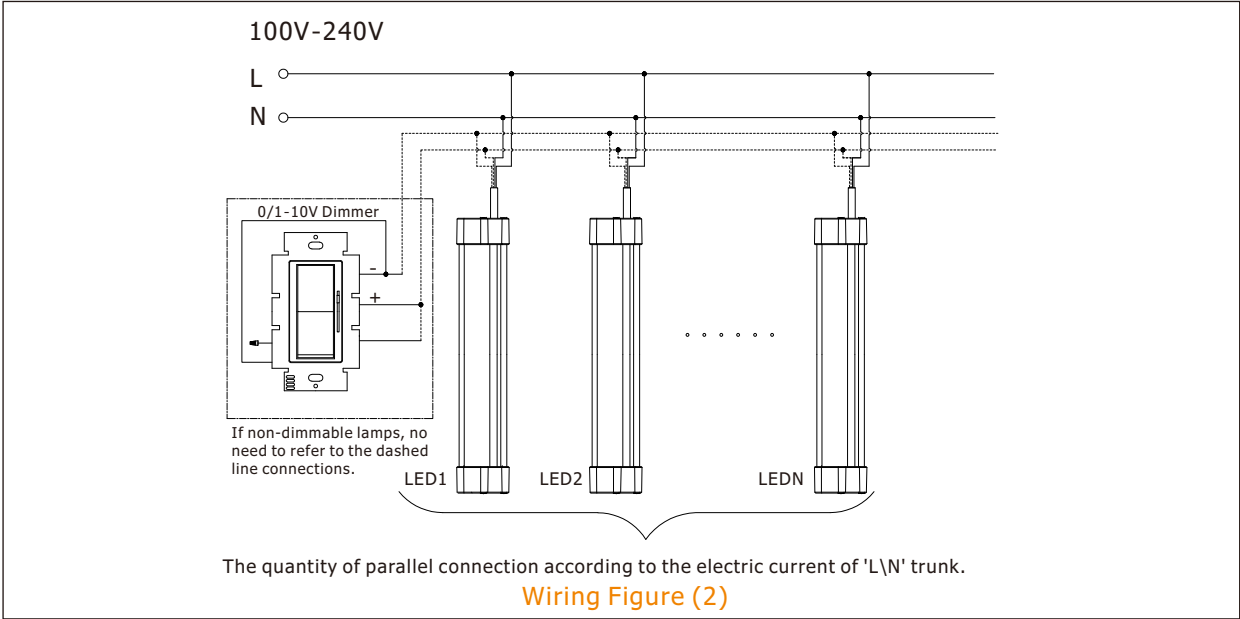
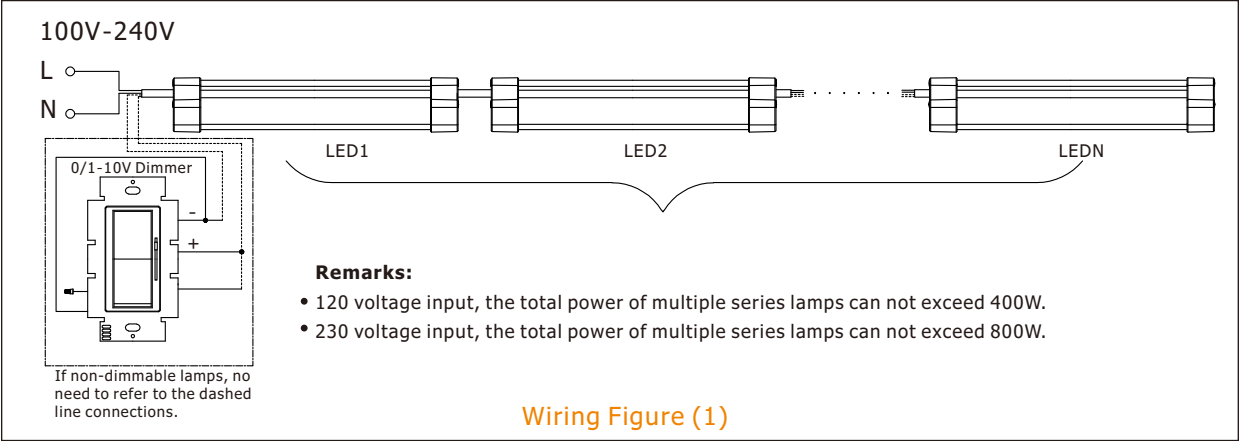
Parking Lot, Subway  
Large Supermarket  
Food Processing Factory  
Animal & plant Farm  
School & Hospital, Gas Station  
MTR Station, Airport  
Office indoor lighting



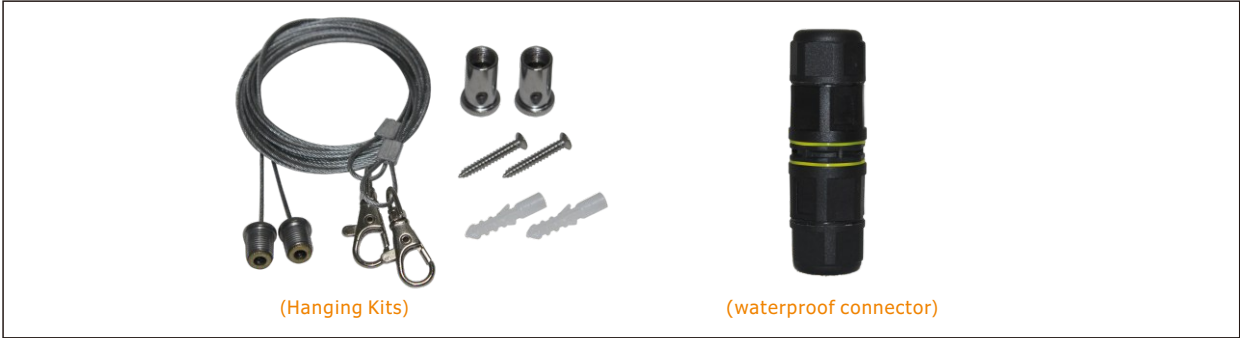
## Installation Instructions



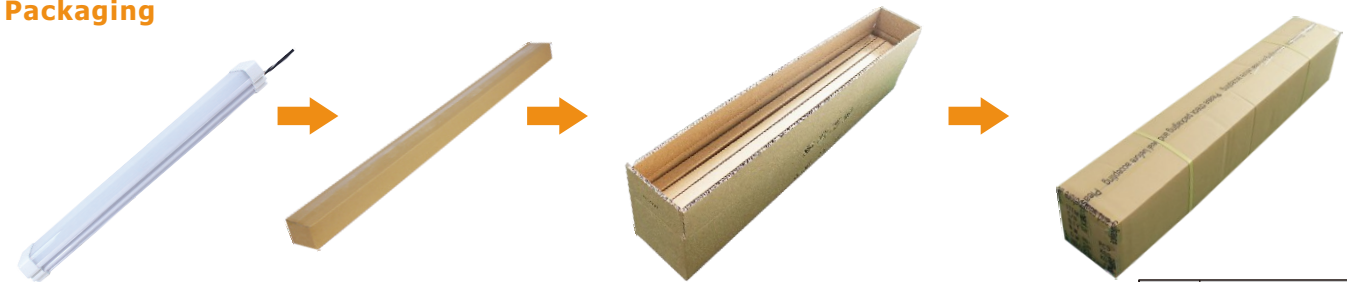
Mode of Connection



Parts Information



Packaging



Model No.	Net Weight(kg)	Qty(pcs/carton)	Gross Weight/Carton(kg)	Carton Size(mm)
TP-0.6m-20W-EU	1.1	6	7.76	L655*W210*H235
TP-0.9m-25W-EU	1.5	6	10.76	L970*W220*H230
TP-1.2m-36W-EU	1.78	6	12.86	L1270*W230*H240
TP-1.2m-45W-EU	1.78	6	12.86	L1270*W230*H240
TP-1.5m-60W-EU	2.18	6	21.26	L1565*W210*H235
TP-2.4m-70W-EU	3.56	6	25.72	L2440*W210*H235

NO.	Packing Contents
①	Tri-proof Light
②	Buckles
③	Screws
④	Instructions manual
⑤	Hanging Kits (optional)
⑥	waterproof connector(optional)
⑦	Remote Control (Emergency)

