

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.
- high luminous efficacy, low power consumption , long life span.
- Integral design and fully compact structure, waterproofing grade reaches Ip65.
- Using wireless controller cuts down maintenance costs, 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.

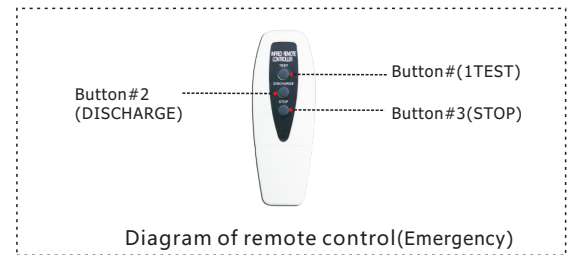
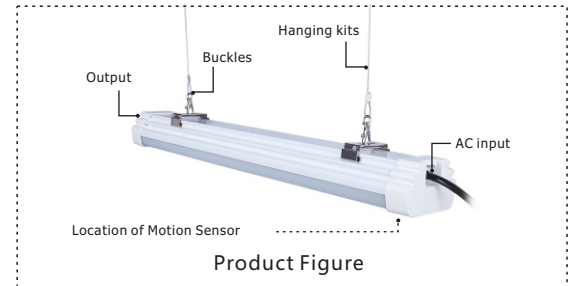
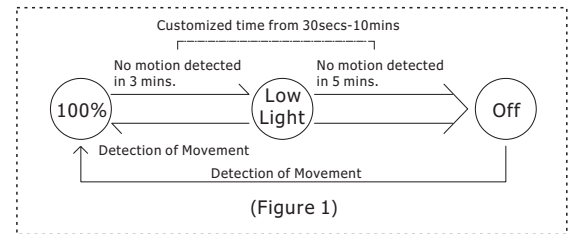
### Dimension



Model No.	L1(mm)	L2(mm)	W(mm)	H(mm)
USLB20WAL	600	540	94	60
USLB25WAL	900	840	94	60
USLB36WAL	1200	1140	94	60
USLB45WAL	1200	1140	94	60
USLB60WAL	1500	1440	94	60
USLB70WAL	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 ,thenthe 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 fuction 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 filcker ,means start every 3 month automatic discharge function.)



## Specification

- Input voltage:100~277VAC
- 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

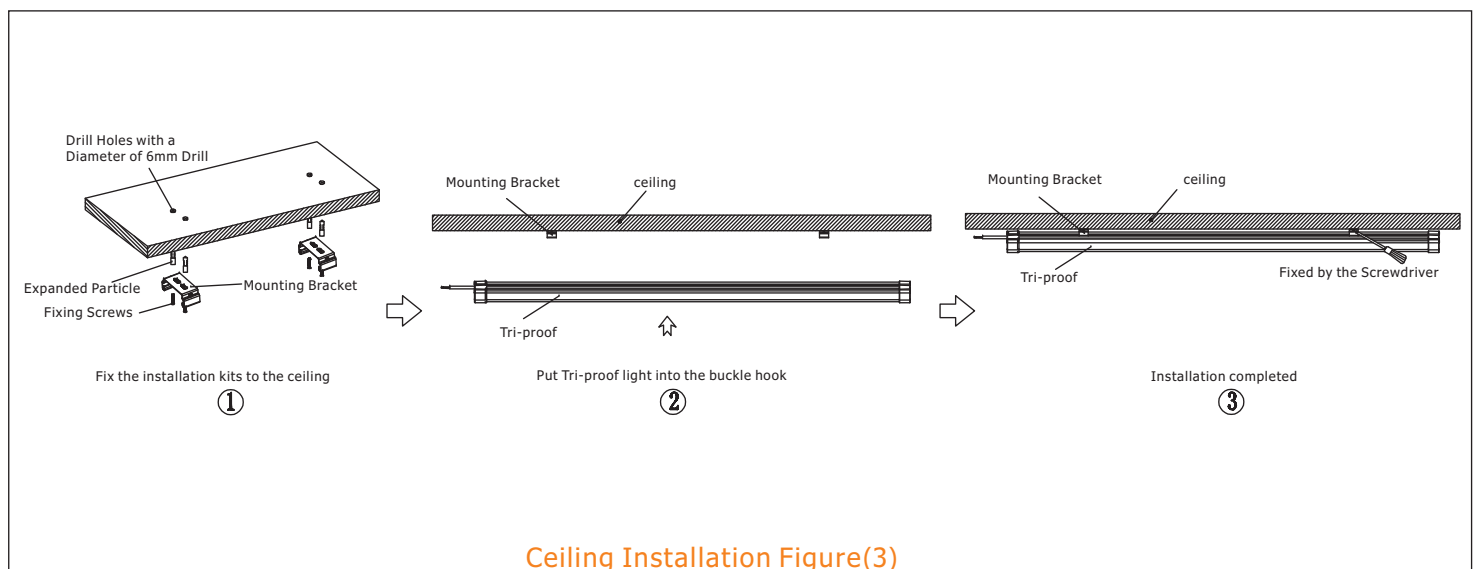
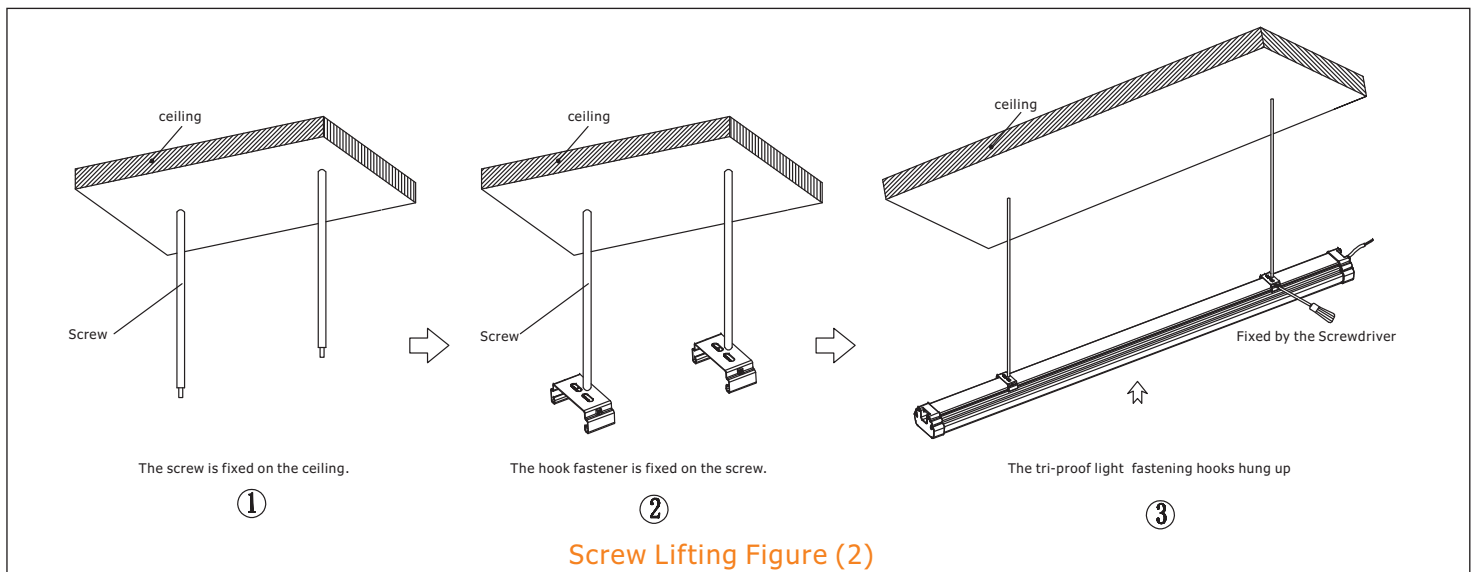
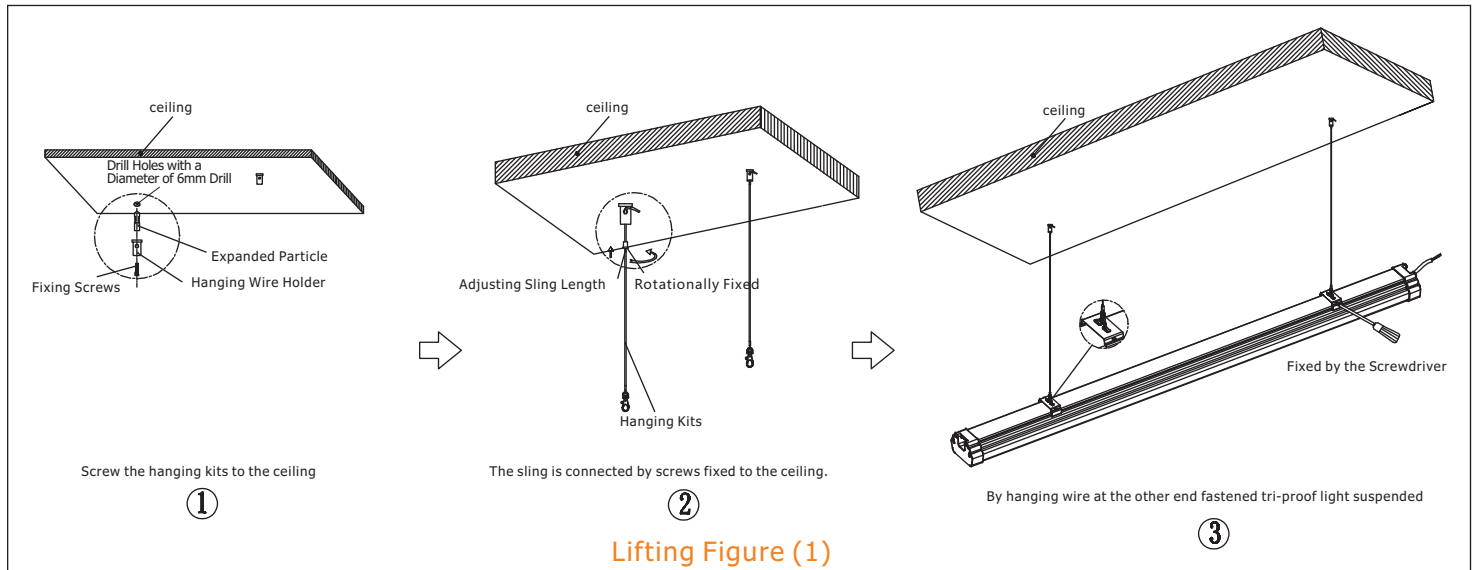
Power(W)	CCT(K)	Lumens(LM)	CRI	SDCM	Emergency (Customized)	Sensor	DIM (Optional)	DLC(Y/N)	UL(Y/N)
20	3000/3500 4100/5000	2560 2800	≥82	≤3	≤3/≤5			Y	Y
25	3000/3500 4100/5000	3200 3500	≥82	≤3	≤3/≤5				
36	3000/3500 4100/5000	4608 5040	≥82	≤3	≤3/≤5			Y	Y
45	3000/3500 4100/5000	5760 6300	≥82	≤3	≤3/≤5			Y	Y
60	3000/3500 4100/5000	7680 8400	≥82	≤3	≤3/≤5				
70	3000/3500 4100/5000	8960 9800	≥82	≤3	≤3/≤5			Y	Y
20	3000/3500 4100/5000	2560 2800	≥82	≤3	≤3/≤5		Y	Y	Y
25	3000/3500 4100/5000	3200 3500	≥82	≤3	≤3/≤5		Y		
36	3000/3500 4100/5000	4608 5040	≥82	≤3	≤3/≤5		Y	Y	Y
45	3000/3500 4100/5000	5760 6300	≥82	≤3	≤3/≤5		Y	Y	Y
60	3000/3500 4100/5000	7680 8400	≥82	≤3	≤3/≤5		Y		
70	3000/3500 4100/5000	8960 9800	≥82	≤3	≤3/≤5		Y	Y	Y
20	3000/3500 4100/5000	2560 2800	≥82	≤3	≤3/≤5	Y		Y	Y
25	3000/3500 4100/5000	3200 3500	≥82	≤3	≤3/≤5	Y			
36	3000/3500 4100/5000	4608 5040	≥82	≤3	≤3/≤5	Y		Y	Y
45	3000/3500 4100/5000	5760 6300	≥82	≤3	≤3/≤5	Y		Y	Y
60	3000/3500 4100/5000	7680 8400	≥82	≤3	≤3/≤5	Y		Y	Y
70	3000/3500 4100/5000	8960 9800	≥82	≤3	≤3/≤5	Y		Y	Y
20	3000/3500 4100/5000	2560 2800	≥82	≤3	≤3/≤5	6W/3H	Y	Y	Y
25	3000/3500 4100/5000	3200 3500	≥82	≤3	≤3/≤5	6W/3H	Y		
36	3000/3500 4100/5000	4608 5040	≥82	≤3	≤3/≤5	6W/3H	Y	Y	Y
45	3000/3500 4100/5000	5760 6300	≥82	≤3	≤3/≤5	6W/3H	Y	Y	Y
60	3000/3500 4100/5000	7680 8400	≥82	≤3	≤3/≤5	6W/3H	Y		
70	3000/3500 4100/5000	8960 9800	≥82	≤3	≤3/≤5	10W/2H	Y	Y	Y
20	3000/3500 4100/5000	2560 2800	≥82	≤3	≤3/≤5	6W/3H	Y	Y	Y
25	3000/3500 4100/5000	3200 3500	≥82	≤3	≤3/≤5	6W/3H	Y		
36	3000/3500 4100/5000	4608 5040	≥82	≤3	≤3/≤5	6W/3H	Y	Y	Y
45	3000/3500 4100/5000	5760 6300	≥82	≤3	≤3/≤5	6W/3H	Y	Y	Y
60	3000/3500 4100/5000	7680 8400	≥82	≤3	≤3/≤5	6W/3H	Y		
70	3000/3500 4100/5000	8960 9800	≥82	≤3	≤3/≤5	10W/2H	Y	Y	Y
20	3000/3500 4100/5000	2560 2800	≥82	≤3	≤3/≤5		Y	Y	Y
25	3000/3500 4100/5000	3200 3500	≥82	≤3	≤3/≤5		Y		
36	3000/3500 4100/5000	4608 5040	≥82	≤3	≤3/≤5		Y	Y	Y
45	3000/3500 4100/5000	5760 6300	≥82	≤3	≤3/≤5		Y	Y	Y
60	3000/3500 4100/5000	7680 8400	≥82	≤3	≤3/≤5		Y		
70	3000/3500 4100/5000	8960 9800	≥82	≤3	≤3/≤5		Y	Y	Y

## Product Application

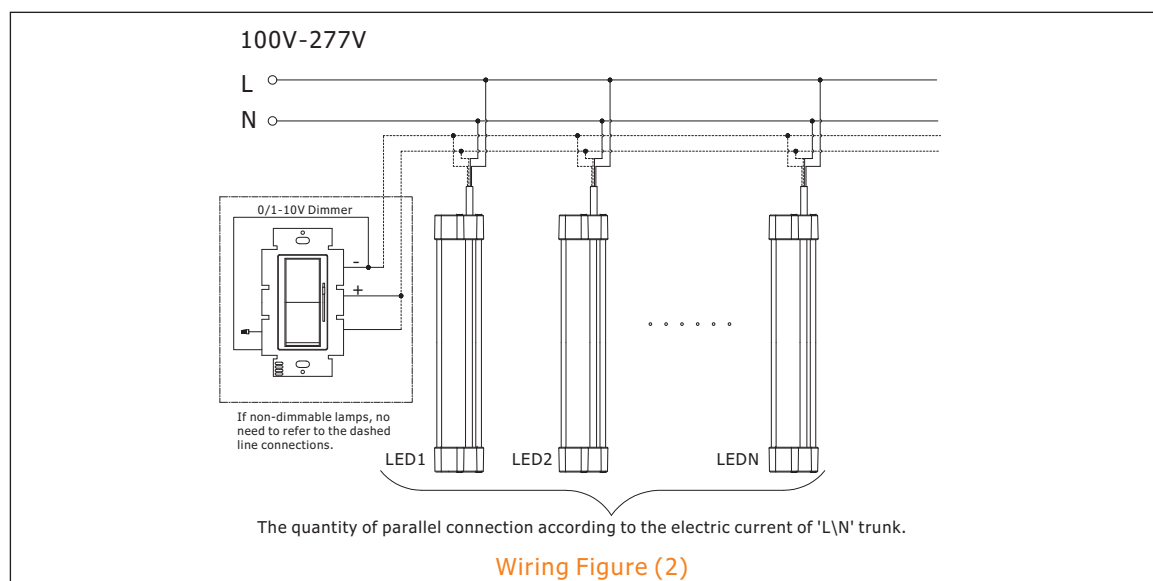
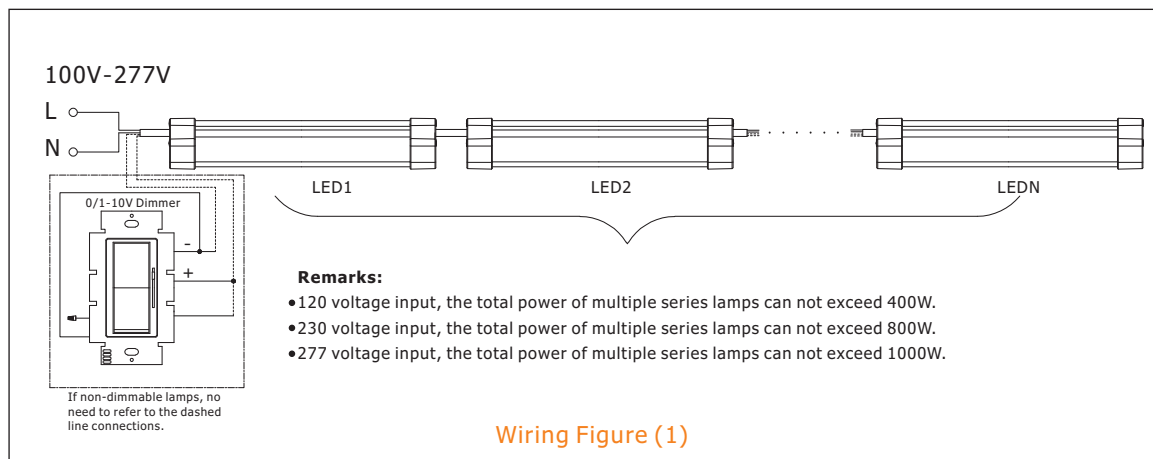
Parking Lot, Subway  
 Large Supermarket  
 Food Processing Factory  
 Animal & plant Farm  
 School & Hospital, Gas Station  
 MTR Station, Airport  
 Office indoor lighting



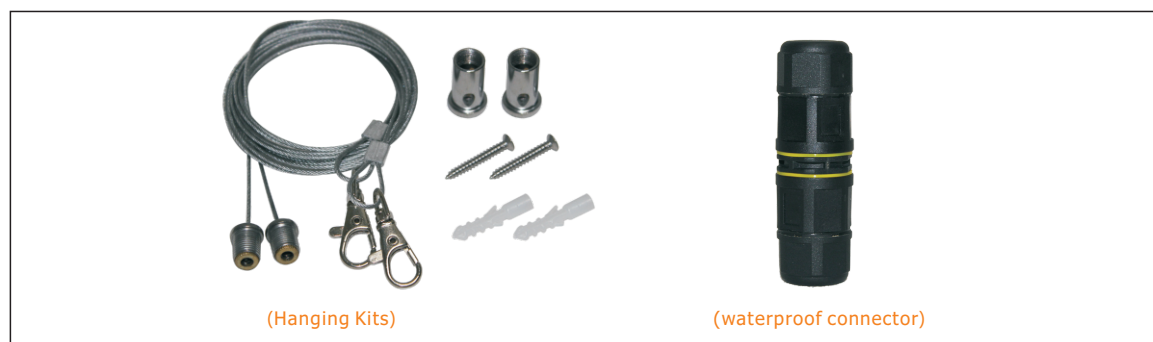
## Installation Instructions



## Mode of Connection



## Parts Information



## Packaging



Model No.	Net Weight(kg)	Qty(pcs/carton)	Gross Weight/Carton(kg)	Carton Size(mm)
USLB20WAL	1.1	6	7.76	L655*W210*H235
USLB25WAL	1.5	6	10.76	L970*W220*H230
USLB36WAL	1.78	6	12.86	L1270*W230*H240
USLB45WAL	1.78	6	12.86	L1270*W230*H240
USLB60WAL	2.18	6	21.26	L1565*W210*H235
USLB70WAL	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)