

## LED Tri-proof Light



### Product Features

- 5 years guaranteed Lifud SELV driver with power factor 0.95 and efficiency 90%;
- LM80 approved Hongli SMD 2835 with reported TM-21 L70 lifetime >54,000 hours and within 3 steps MacAdam Ellipse;
- High efficacy up to 130 lm/w in milky cover;
- Through-wiring and plug&play connectors bring great convenience to installers;

Available upon request: DALI control / 1-10V Dimming / Microwave & Motion Sensor / Emergency.

### Specifications

| Product Code     | LS010WTP1X18<br>LS020WTP1X18<br>LS030WTP1X18       | LS020WTP1X36<br>LS030WTP1X36<br>LS040WTP1X36<br>LS050WTP1X36 | LS030WTP1X58<br>LS050WTP1X58<br>LS060WTP1X58 |
|------------------|----------------------------------------------------|--------------------------------------------------------------|----------------------------------------------|
| Dimension(LxWxH) | 620X100X75mm                                       | 1220X100X75mm                                                | 1520X100X75mm                                |
| Wattage          | 10W , 20W , 30W                                    | 20W , 30W , 40W , 50W                                        | 30W , 50W , 60W                              |
| Luminous Flux    | 1300LM, 2600LM ,3900LM                             | 2600LM, 3900LM, 5200LM,6500LM                                | 3900LM, 6500LM ,7800LM                       |
| LED Quantity     | 60PCS;120PCS;168PCS                                | 120PCS; 168PCS; 240PCS;312PCS                                | 168PCS;312PCS;364PCS                         |
| Efficacy         | 130LM/W                                            |                                                              |                                              |
| LED Chip         | Hongli 2835                                        |                                                              |                                              |
| Beam Angle       | 120°                                               |                                                              |                                              |
| CCT              | 4000K / 5000K (available at request:3000K / 6500K) |                                                              |                                              |
| CRI              | > 80                                               |                                                              |                                              |
| MacAdam Ellipse  | Within 3 Steps                                     |                                                              |                                              |
| Driver           | Fahold / Lifud                                     |                                                              |                                              |
| Input Voltage    | 220 ~ 240Vac                                       |                                                              |                                              |
| Power Factor     | > 0.95 (10W: > 0.9)                                |                                                              |                                              |
| Working Temp.    | -20°C ~ +40°C                                      |                                                              |                                              |
| IP Rate          | IP65                                               |                                                              |                                              |
| Lifetime         | L70B20 50,000 Hours                                |                                                              |                                              |
| Warranty         | 5 Years                                            |                                                              |                                              |
| Certificates     | SAA, C-Tick, CE, RoHS                              |                                                              |                                              |

## Product Details



0.6M



1.2M



1.5M



Lifud Driver CE / UL / TUV/ CE / SAA

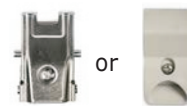


2835 LED  
CRI>80/SDCM<3/LM80

Two Strips PCB

Metal Board

Clear PC Cover



Milky PC Cover

## Sensor & Emergency

### Motion & Daylight Sensor Technical Data

|                       |                                    |
|-----------------------|------------------------------------|
| standby power         | <1W                                |
| Detection area        | 10%/50%/75%/100%                   |
| Hold time             | 5s/30s/1min/5min/10min/20min/30min |
| Standby period        | 0s/10s/1min/5min/10min/30min/1h/+∞ |
| Standby dimming level | 10%/20%/30%/50%                    |
| Daylight threshold    | 2~50Lux/disable                    |
| Microwave frequency   | 5.8GHz+/-75MHz                     |
| Microwave power       | <0.2mw                             |
| Detection range       | Max.(OxH):12m×6m                   |
| Detection angle       | 30°~150°                           |
| Mounting height       | 6m                                 |
| Operating temperature | -20℃~+40℃                          |

### Emergency Function(Typical)

|                                          |                      |
|------------------------------------------|----------------------|
| Input Voltage                            | 200 ~ 240Vac         |
| Input Frequency                          | 50-60Hz              |
| Emergency time                           | > 1.5 Hours          |
| Emergency Power                          | 12W                  |
| Battery Specification                    | 18650Li-ion 12V/2.2A |
| Emergency Switching Time                 | < 1 second           |
| Charging Time                            | < 12 Hours           |
| Working Temp.                            | -25℃~+40℃            |
| *For customized solution pls contact us. |                      |

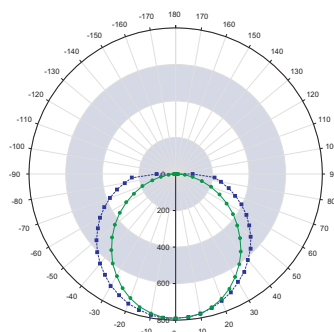
### sensor setting

| Detection area                                     | Hold time                                                                | Daylight sensor                               | Stand-by period                                                                   | Stand-by dim level                   |
|----------------------------------------------------|--------------------------------------------------------------------------|-----------------------------------------------|-----------------------------------------------------------------------------------|--------------------------------------|
| ON<br>I 100%<br>II 75%<br>III 50%<br>IV 10%<br>OFF | I 5s<br>II 30s<br>III 60s<br>IV 5min<br>V 10min<br>VI 20min<br>VII 30min | I Disable<br>II 50Lux<br>III 10Lux<br>IV 2Lux | I 0s<br>II 10s<br>III 1min<br>IV 5min<br>V 10min<br>VI 30min<br>VII 1h<br>VIII +∞ | I 10%<br>II 20%<br>III 30%<br>IV 50% |

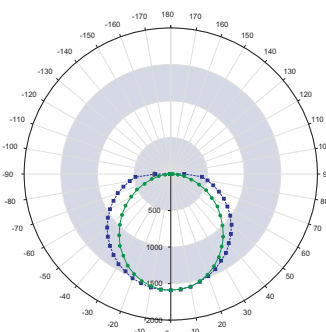
### Wiring

|           |         |   |             |
|-----------|---------|---|-------------|
| AC In put | Neutral | 3 | Neutral     |
|           | Earth   | N | Neutral     |
|           | Live    | 1 | Live        |
|           |         | 2 | Live-switch |

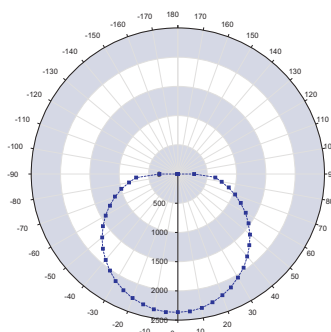
## Optical Parameters



0.6M 20W



1.2M 40W



1.5M 60W

## Connection

### Option A(default): One-End Power With 0.75m Cord



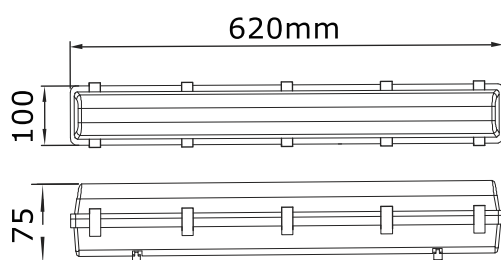
0.75m H05RN-F 3X1.0mm<sup>2</sup>

## Option B: One-End Power With Plug & Play

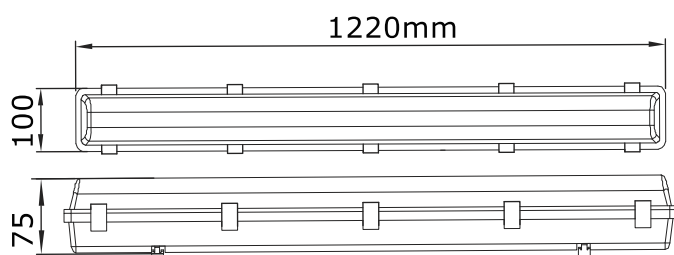


IP65 Connector

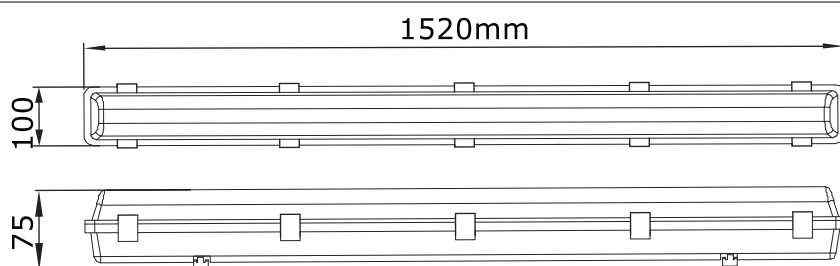
## Dimension



1. Carton Size: 680x245x340 mm
2. Qty. / Ctn.: 6PCS
3. 8.86 KG / Carton



1. Carton Size: 1280x245x340 mm
2. Qty. / Ctn.: 6PCS
3. 14.9 KG / Carton



1. Carton Size: 1580x245x340 mm
2. Qty. / Ctn.: 6PCS
3. 18.3 KG / Carton

## Application

