



# SPECIFICATION

## Alpha

## Product Details

### S/N Rules

$\frac{SL}{1} - \frac{P65}{2} \frac{X}{3} \frac{X}{4} - \frac{XX}{5} - \frac{X}{6} \frac{X}{7}$

EX:  $\frac{SL}{1} - \frac{P65F2-20-PB}{2 \ 34 \ 5 \ 67}$

- 1: SL-ShineLong
- 2: P65: Alpha IP65 PC Tri-proof
- 3: X-Cover Type (S: Striped cover; F: Frosted cover)
- 4: X-Length, (2: 2ft 60cm; 4: 4ft 120cm; 5: 5ft 150cm)
- 5: XX-Power consumption (20: 20w; 30: 30w; 40: 40w; 50: 50w; 60: 60w)
- 6: X-Color Temperature (W: Warm white; P: Pure white; C: Cold white )
- 7: X-Function Type (B: Battery; Emergency function; S: Microwave sensor or PIR sensor; D: 0/1-10V dimmable; T: Triac dimmable; L: DALI dimmable)

### Application

- Parking place
- Railway Station
- Corridor / Gallery / Corridor
- Warehouse

### Features

- CE, RoHs, ERP, UL, SAA Certified
- IP65 IK09
- Water-proof; Dust-proof; Damp-proof; Vapor-proof
- Support Non - dimming, dimming, emergency, sensor version
- 100lm/w or 130lm/w efficiency optional
- Long lifespan: 50,000hrs
- 5 years warranty

### Temperature

Operating: -20 ~ +50°C

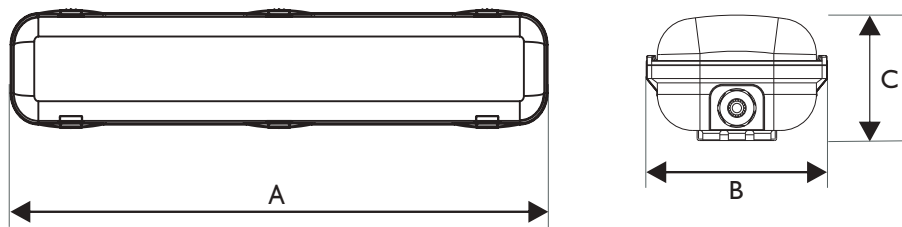
Storage: -40 ~ +85°C



## Product Details



## Dimension



length

A

B

C

Length(mm)

Width(mm)

Height(mm)

1200

1260

120

85

1500

1560

120

85

## Data Sheet

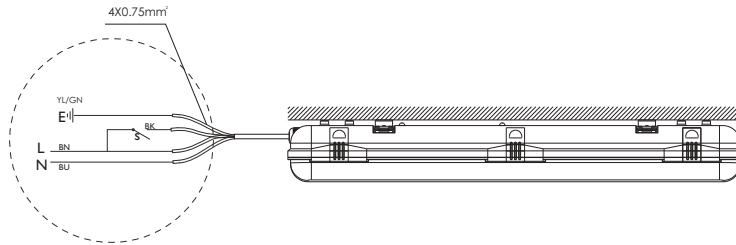
Article Number	Size	Power	LEDs	Beam Angle	CRI	AC Input	DC Output	SDCM	Efficiency (±5%)	Lumen Output
<b>Standard Lumen Version&gt;&gt;&gt;&gt;&gt;100~110lm/w with frosted cover, 110~120lm/w with striped cover</b>										
SL-P65X4-40-X	1260*120*85mm	40W	260	120°	>80	200~240V/100~277V	30~40V	<4	100~120lm/w	4400~4800lm
SL-P65X4-50-X	1260*120*85mm	50W	325	120°	>80	200~240V/100~277V	30~40V	<4	100~120lm/w	5000~6000lm
SL-P65X5-50-X	1560*120*85mm	50W	325	120°	>80	200~240V/100~277V	30~40V	<4	100~120lm/w	5000~6000lm
SL-P65X5-60-X	1560*120*85mm	60W	390	120°	>80	200~240V/100~277V	30~40V	<4	100~120lm/w	6000~7200lm
<b>Premium Lumen Version&gt;&gt;&gt;&gt;&gt;120~130lm/w with frosted cover, 130~140lm/w with striped cover</b>										
SL-P65X4-40-X	1260*120*85mm	40W	260	120°	>80	200~240V/100~277V	30~40V	<4	120~140lm/w	4800~5600lm
SL-P65X4-50-X	1260*120*85mm	50W	325	120°	>80	200~240V/100~277V	30~40V	<4	120~140lm/w	6000~7000lm
SL-P65X5-50-X	1560*120*85mm	50W	325	120°	>80	200~240V/100~277V	30~40V	<4	120~140lm/w	6000~7000lm
SL-P65X5-60-X	1560*120*85mm	60W	390	120°	>80	200~240V/100~277V	30~40V	<4	120~140lm/w	7200~8400lm

Different wattage can be customized

# Emergency

Article Number	Emergency Time(hours)	Emergency Power(W)	Battery Parameters
SL-P65X4-40-X	3	4	7.2V 2200mah
SL-P65X4-50-X	3	8	7.2V 4400mah
SL-P65X5-50-X	3	8	7.2V 4400mah
SL-P65X5-60-X	3	8	7.2V 4400mah

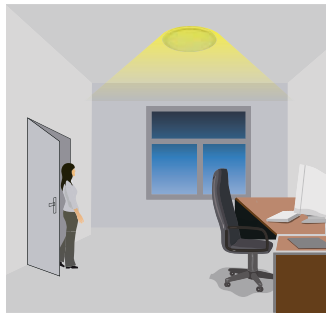
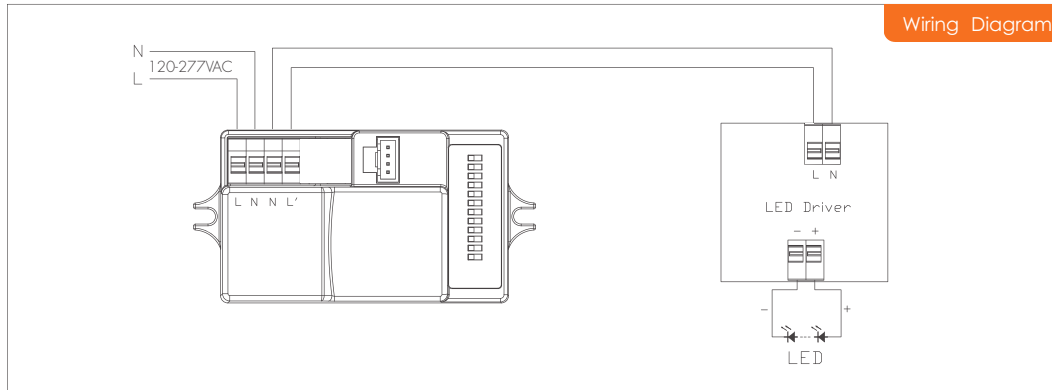
## Instruction of wiring



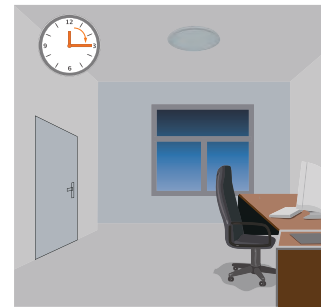
- 1 Inside circuit with emergency device was already connected
- 2 4 wire output.  
Eu Market: Blue-Neutral wire / Black-Live wire / Brown-Switch wire / Yellow&Green-Earth wire  
US Market: Black-Neutral wire / White-Live wire / Red-Switch wire / Green-Earth wire
- 3 Indicator color (Green – main power, Yellow – malfunction, Red - Charging)
- 4 Battery can be recharged at least 500 times. In order to maintain the battery well it must be discharged every 3 months.

MSDS Test Report is available

# Hytronik Microwave Sensor 100% on/off version



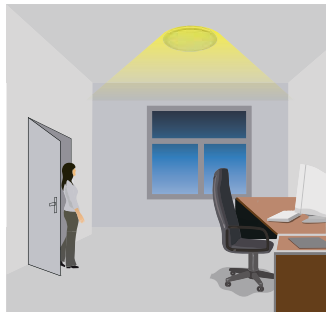
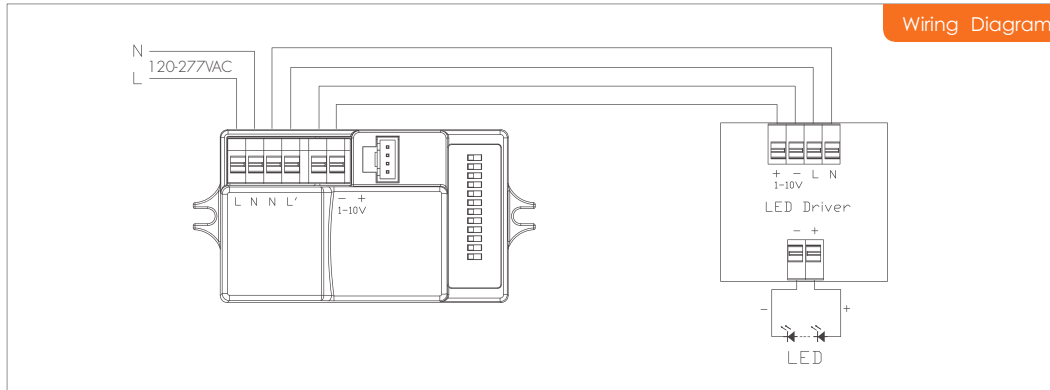
Light will turn on if any movement be detected in detection area.



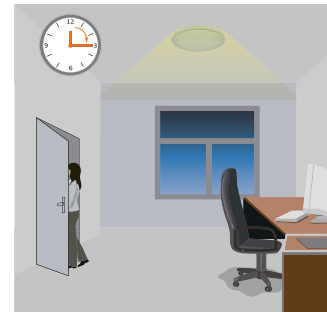
Light will switch off after the hold time when no movement in detection area.

Remark: 1. standard hold time is 60s 2. Max detection range is 12x6m( $\phi$ xh)

# Hytronik Microwave Sensor 2-stage dimming version



Light will turn on if any movement be detected in detection area.



Light will dim to 10%/20%/30%/50%(options) after the hold time when no movement in detection area

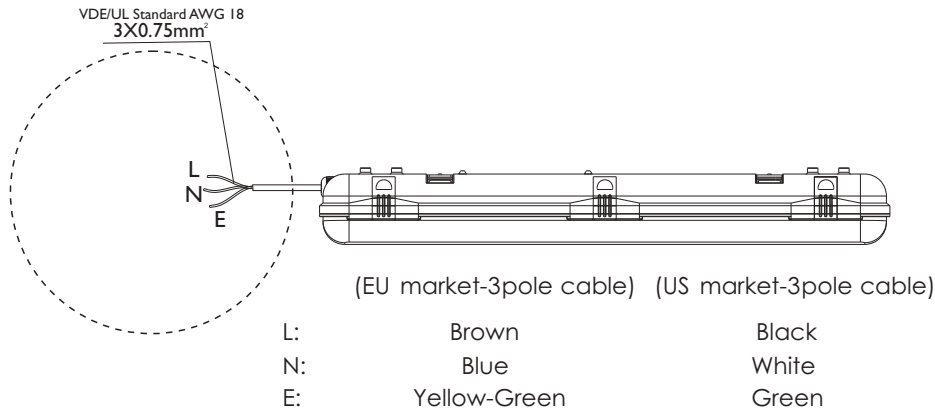
Remark: 1. standard hold time is 60s 2. Max detection range is 12x6m(φxh)



## Available quantity in series connection

Item code	Size	Power	voltage	Max Q'TY	voltage	Max Q'TY
SL-P65X4-40-X	1260*120*85mm	40W	110V	13pcs	220V	27pcs
SL-P65X4-50-X	1260*120*85mm	50W	110V	10pcs	220V	21pcs
SL-P65X5-50-X	1560*120*85mm	50W	110V	10pcs	220V	21pcs
SL-P65X5-60-X	1560*120*85mm	60W	110V	9pcs	220V	18pcs

### Wiring Diagram



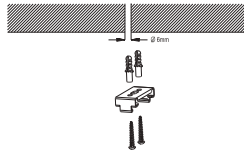
# Installation

## ① Ceiling Mounted Installation

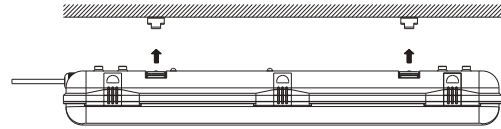
① Drill  $\phi 6\text{mm}$  holes on the roof/wall



② Insert  $\phi 6\text{mm}$  expansion pipe into the hole and fix the bracket by M4 screw.

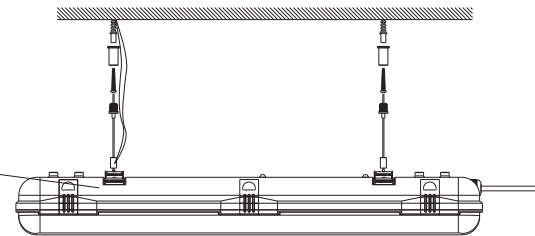
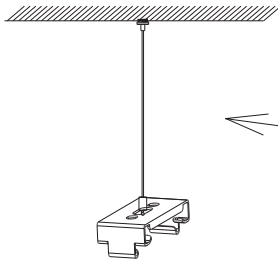


③ Ceiling Installation



\* Ceiling Mounted accessories are ShineLong Configuration.

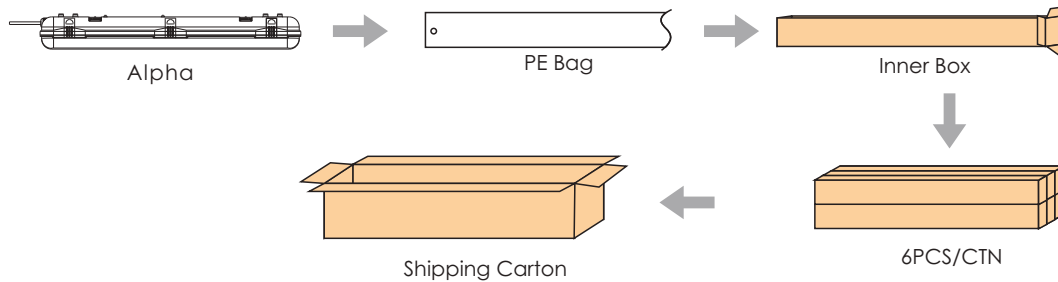
## ② Hanging Installation



\* Suspended accessories need to be paid additionally.

# Package

Item code	Carton Size	N.W.(kg)/CTN	G.W.(kg)/CTN	Maximum Loading of		
				20'GP	40'GP	40'HQ
SL-P65X4-40-X	1300*205*420mm	15	17	200CTNs	405CTNs	490CTNs
SL-P65X4-50-X	1300*205*420mm	15	17	200CTNs	405CTNs	490CTNs
SL-P65X5-50-X	1595*205*420mm	18	21	166CTNs	353CTNs	399CTNs
SL-P65X5-60-X	1595*205*420mm	18	21	166CTNs	353CTNs	399CTNs



**Warning:** Outdoor usage should be installed with shelter.

All the above information is subject to the final interpretation of ShineLong Technology.