



LITE HOME

SPECIFICATION

PC Tri-proof Light

Product Details

S/N Rules

$\frac{\text{LH} - \text{P65} \ \text{X} \ \text{X} - \ \text{X} \ \text{X} - \ \text{X} \ \text{1}}{2 \ 3 \ 4 \ 5 \ 6 \ 7}$

EX: $\frac{\text{LH} - \text{P65F2} - \text{20} - \text{PB}}{1 \ 2 \ 3 \ 4 \ 5 \ 6 \ 7}$

- 1: LH-LiteHome
- 2: P65: 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, 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

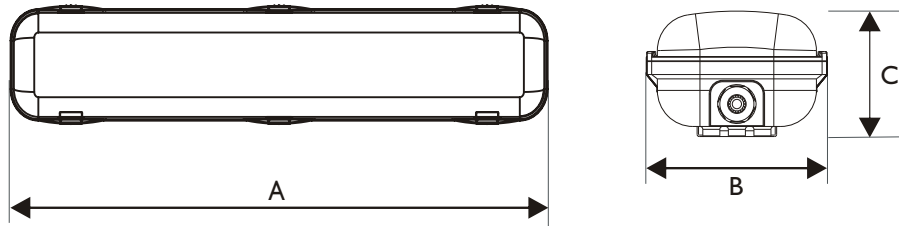
Storage: -40 ~ +85°C



Product Details



Dimension



length

A

B

C

	Length(mm)	Width(mm)	Height(mm)
600	600	125	88
1200	1200	125	88
1500	1500	125	88

length

A

B

C

	Length(mm)	Width(mm)	Height(mm)
600	600	95	80
1200	1200	95	80
1500	1500	95	80

Data Sheet

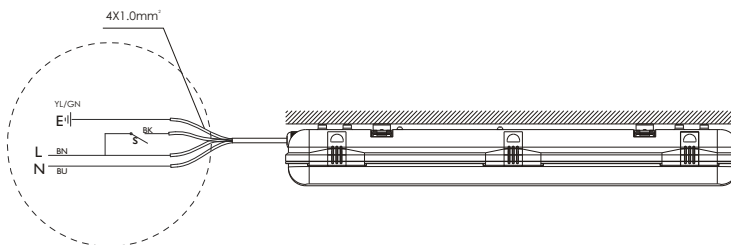
Article Number	Size	Power	LEDs	Beam Angle	CRI	AC Input	DC Output	SDCM	Efficiency (±5%)	Lumen Output
Standard Lumen Version>>>>>100~110lm/w with frosted cover, 110~120lm/w with striped cover										
LH-P65X4-40-X	1200*125*88mm	40W	260	120°	>80	200~240V	30~40V	<4	100~120lm/w	4400~4800lm
LH-P65X4-50-X	1200*125*88mm	50W	260	120°	>80	200~240V	30~40V	<4	100~120lm/w	5000~6000lm
LH-P65X5-50-X	1500*125*88mm	50W	360	120°	>80	200~240V	30~40V	<4	100~120lm/w	5000~6000lm
LH-P65X5-60-X	1500*125*88mm	60W	360	120°	>80	200~240V	30~40V	<4	100~120lm/w	6000~7200lm
Premium Lumen Version>>>>>120~130lm/w with frosted cover, 130~140lm/w with striped cover										
LH-P65X4-40-X	1200*125*88mm	40W	260	120°	>80	200~240V	30~40V	<4	120~140lm/w	4800~5600lm
LH-P65X4-50-X	1200*125*88mm	50W	260	120°	>80	200~240V	30~40V	<4	120~140lm/w	6000~7000lm
LH-P65X5-50-X	1500*125*88mm	50W	360	120°	>80	200~240V	30~40V	<4	120~140lm/w	6000~7000lm
LH-P65X5-60-X	1500*125*88mm	60W	360	120°	>80	200~240V	30~40V	<4	120~140lm/w	7200~8400lm

Different wattage can be customized

Emergency

Article Number	Emergency Time(hours)	Emergency Power(W)	Battery Parameters
LH-P65X4-40-X	3	5	7.2V 2600mah
LH-P65X4-50-X	3	8	7.2V 4400mah
LH-P65X5-50-X	3	8	7.2V 4400mah
LH-P65X5-60-X	3	10	12V 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

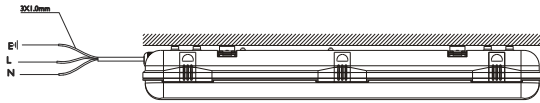
3 Indicator color (Green – main power, Yellow – malfunction, Red - Charging)

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

Wiring Diagram

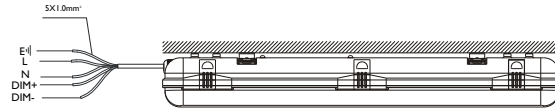
Non Dimmable Tri-proof LED Lamp



(EU market-3 pole cable) (US market-3 pole cable)

L:	Brown	Black
N:	Blue	White
E:	Yellow-Green	Green

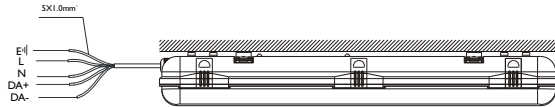
0/1-10V Dimmable Tri-proof LED Lamp



(EU market-5 pole cable) (US market-5 pole cable)

L:	Brown	Black
N:	Blue	White
E:	Yellow	Green
DIM+:	Red	Red
DIM-:	Green	Orange

DALI Dimmable Tri-proof LED Lamp



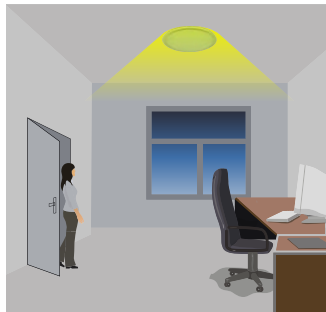
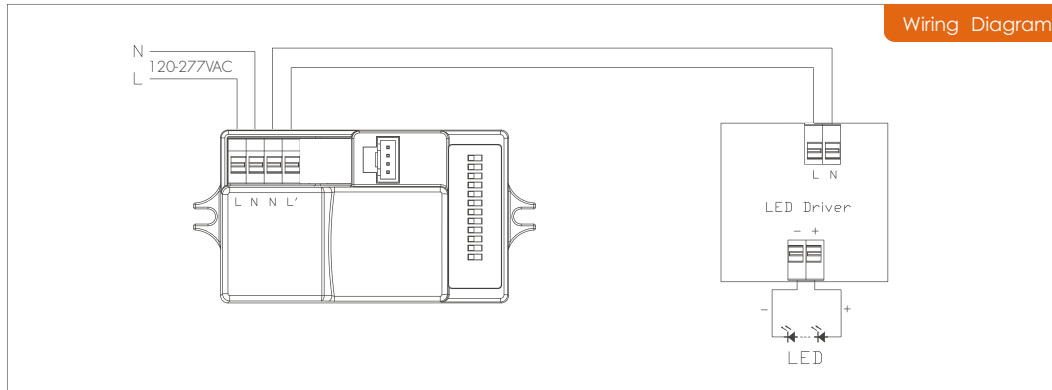
(EU market-5 pole cable) (US market-5 pole cable)

L:	Brown	Black
N:	Blue	White
E:	Yellow	Green
DA+:	Red	Red
DA-:	Green	Orange

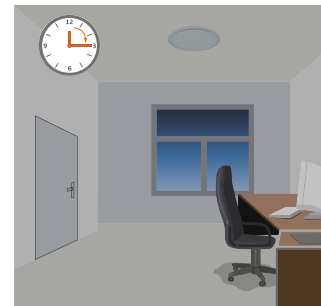
Available Dimming way

Suggested suitable dimmer brands for DALI dimming way:
 Tridonic (European market)
 Lutron & Leviton (American market)
 Philips Dynalite & Clipsal (Australian market)

Hytronik Microwave Sensor 100% on/off version



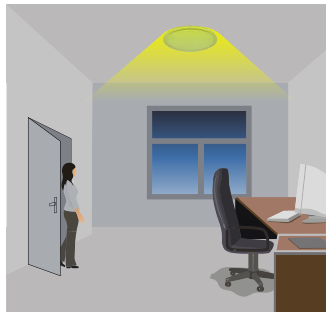
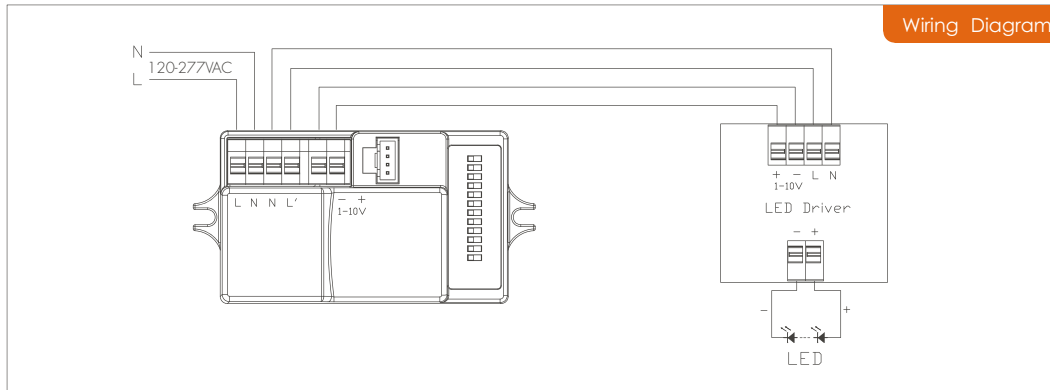
Light will turn on if any movement be detected in detection area.



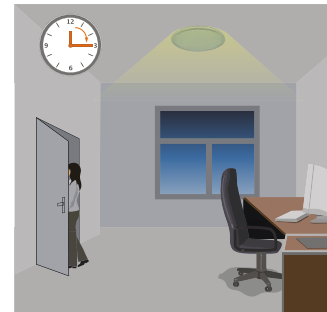
Light will switch off after the hold time when no movement in detection area.

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

Hytronik Microwave Sensor 2-stage dimming version



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



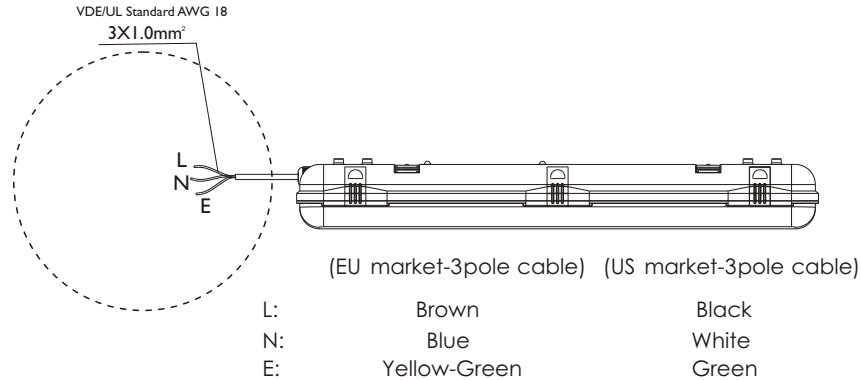
Light will dim to 10%/20%/30%/50%(options) after the hold time when no movement in detection area

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

Available quantity in series connection

Item code	Power	Voltage	Max. Series Connection QTY	Voltage	Max. Series Connection QTY	Voltage	Max. Series Connection QTY
LH-P65X4-40-X	40W	100V	20pcs	220V	45pcs	277V	59pcs
LH-P65X4-50-X	50W	100V	16pcs	220V	36pcs	277V	47pcs
LH-P65X5-50-X	50W	100V	16pcs	220V	36pcs	277V	47pcs
LH-P65X5-60-X	60W	100V	14pcs	220V	30pcs	277V	39pcs

Wiring Diagram



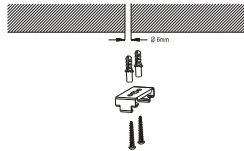
Installation

① Ceiling Mounted Installation

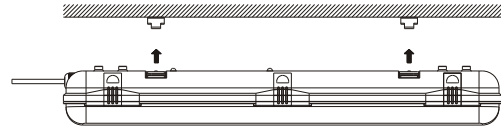
① Drill $\phi 6\text{mm}$ holes on the roof/wall



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

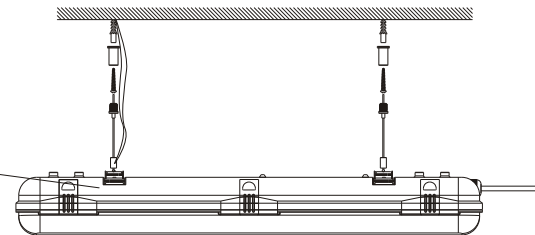
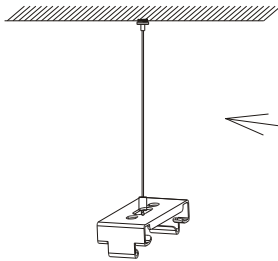


③ Ceiling Installation



* Ceiling Mounted accessories are ShineLong Configuration.

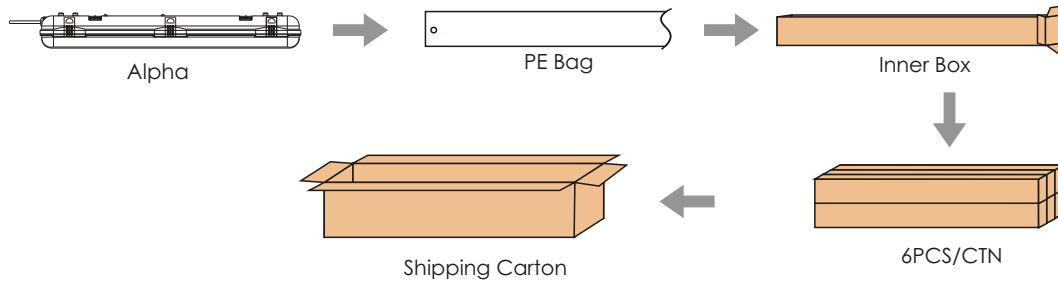
② Hanging Installation



* 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
LH-P65X4-40-X	1300*205*420mm	15	17	200CTNs	405CTNs	490CTNs
LH-P65X4-50-X	1300*205*420mm	15	17	200CTNs	405CTNs	490CTNs
LH-P65X5-50-X	1595*205*420mm	18	21	166CTNs	353CTNs	399CTNs
LH-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 litehome Technology.