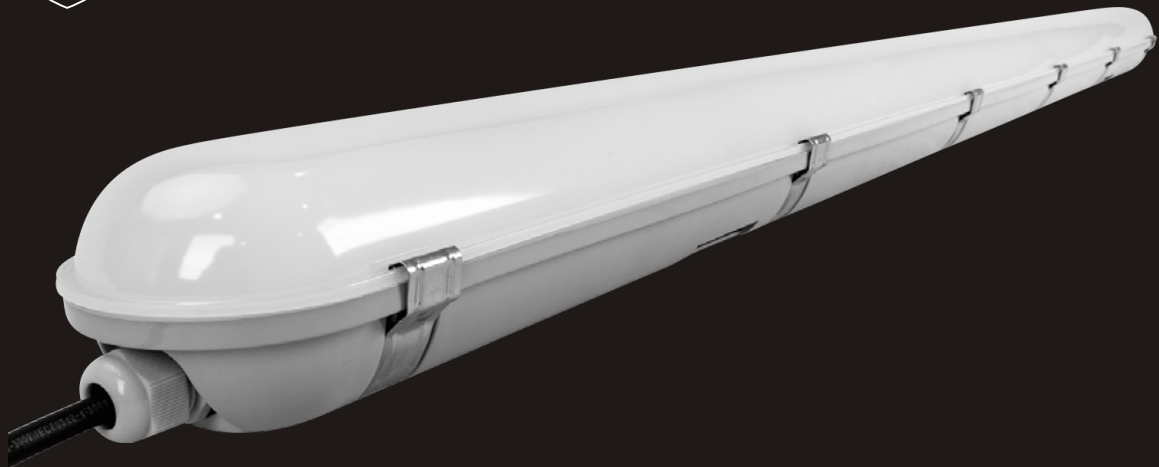




EU AU

Eco-Alpha

SINCE 2010



— Q u a l i t y D e f e n d e r —

A901, B902, BLDG.4, Baolong Intelligent Industry Park, Xinnengyuan 1 Rd, Baolong, Longgang Distric, Shenzhen, China.

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Features

- IP65 waterproof, IK09 protection
- Full PC housing (Frosted & striped cover option) with S304 clips
- No dark area, No sulfur seal, Anti-yellowing, Non-cracking
- SMD2835 LED light source with global patent protection
- ENEC certified flicker free driver
- High efficacy, 120~135 lm/w ($\pm 10\%$)
- L80B10 lifespan of 50,000 Hours (@ Ta = 25°C)
- Retrofit to 1*36W, 2*36W, 2*58W fluo fitting



Data Sheet

Article Number	Power(W)	Lumen(lm)	Working Current(mA)
SL-P65X4-20-X	20	2400~2700	450
SL-P65X4-40-X	40	4800~5400	950
SL-P65X5-40-X	40	4800~5400	1200
SL-P65X5-60-X	50	7200~8100	1400

* Where the first "X" represents diffuser type, it can be F (Frosted), S (Striped)
The second "X" represents CCT, it can be W (3000K/4000K), P (5000K), C (6000K)

Light Source	SMD2835
CRI	>80
Beam Angle	120°
CCT	3000K/4000K/5000K/6000K
AC Input	200-240V 50/60Hz
DC Output	30-40V
SDCM	<4
Waterproof	IP65
IK Rate	IK09
Power Factor	>0.95
Warranty	5 Years
Operating Temperature	-20~+40°C

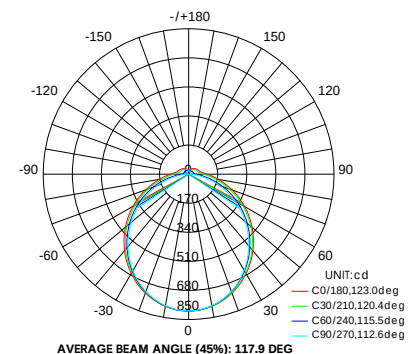
Efficacy Version

Cover	Standard	Premium
Frosted	120lm/w	135lm/w
Striped	125lm/w	140lm/w

Please note:

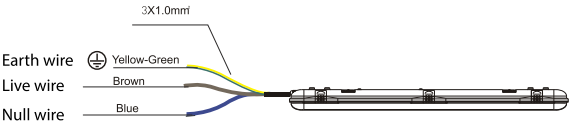
1. Above efficacy based on 4000K
2. All values are based on an ambient temperature of 25°C
3. Efficacy tolerance is $\pm 10\%$ and wattage tolerance is $\pm 10\%$
4. If CRI>90, light efficiency will be reduced by 10-15%

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

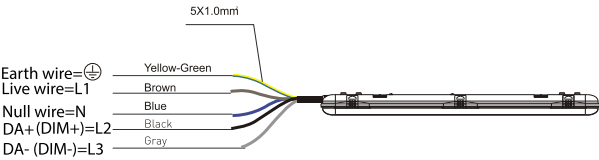


Connection Methods

1 Standard



2 DALI & 0/1-10V Dimmable

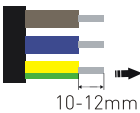


Available Dimming Methods

Suggested Compatible Dimmers for DALI:
Tridonic (European market)
Lutron & Leviton (American market)
Philips Dynalite & Clipsal (Australian market)

Available Quantity in Series Connection

Power (W)	Input Votage (W)	Maximum Quantity Connecting in Series
20	230	46pcs
40	230	22pcs
60	230	15pcs



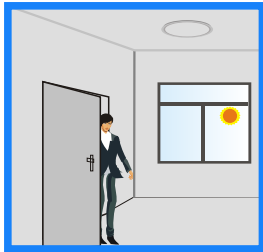
1. Used for cable : 0.75-1.5mm²
2. Solid cable-end
3. Wire stripping 10-12mm



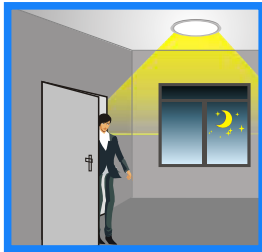
Microwave Sensor Series

● 100% on/off Version

Switch on the light on detection of movement, and switch off after a hold time when there is no motion detected.



When there is no motion detected, the sensor does not switch on the lamp.



With insufficient ambient light, the sensor switches on the lamp when motion is detected.



After stand-by period, the sensor switches off the lamp if no motion is detected in its detection zone.



Max.8M



Hold Time
5s-15min



Mounting Height
6m Max.



Automatic
On/Off

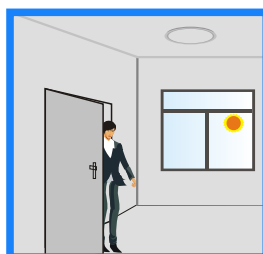


5 Years
Guarantee

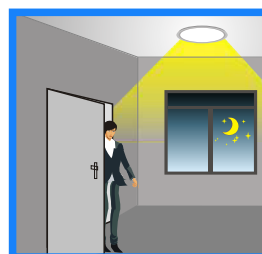
Remark: 1. Brightness is 100% (75%, 50%, 10% optional)
2. Standard hold time is 90s (5s/ 5min /15min optional)

● 3-step dimming function

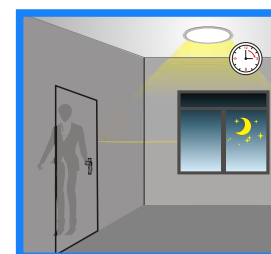
When used in combination with 1-10V dimmable LED drivers and ballasts, the sensors can achieve 3-step dimming function, 100% ---> low light--->off. And the sensors build in adjustable daylight sensors, very easy to install and cost-effective.



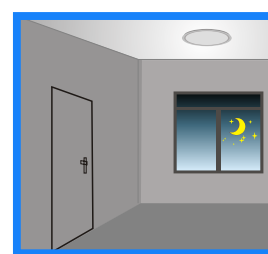
With sufficient ambient light, the sensor does not switch on the lamp.



With insufficient ambient light, the sensor switches on the lamp when motion is detected.



After hold time, the sensor dims the lamp at a low light level if no new motion trigger.



After stand-by period, the sensor switches off the lamp if no motion is detected in its detection zone.



Max.8M



Hold Time
5s-15min



Mounting Height
6m Max.



Automatic
Dimming



5 Years
Guarantee

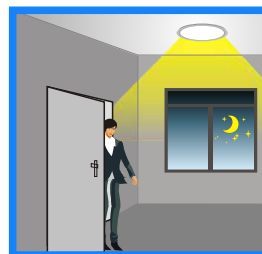
Remark: 1. 100% brightness hold time is 90s (5s / 5min / 15min optional)
2. Stand-by dimming level is 30% (10% optional)
3. Stand-bytime is 0s / 10s / 10min

● 2-Step Brightness Dimming Version

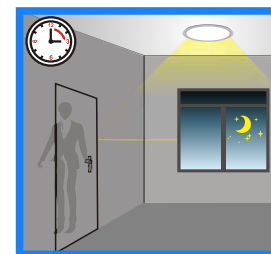
The sensors can provide 2-step dimming function, 100 % ---> low light (Never turn off). They are particularly suitable for use in corridors, stairwells and underground passages where low light levels are maintained until motion is detected.



No motion detected, the lamp remains at a low light level all the time.



When motion is detected, the sensor brightens the lamp to 100% illumination.



After the hold time, the sensor dims the lamp at the preset low light level if no motion is detected.



Max.8M



Hold Time
5s-15min



Mounting Height
6m Max.



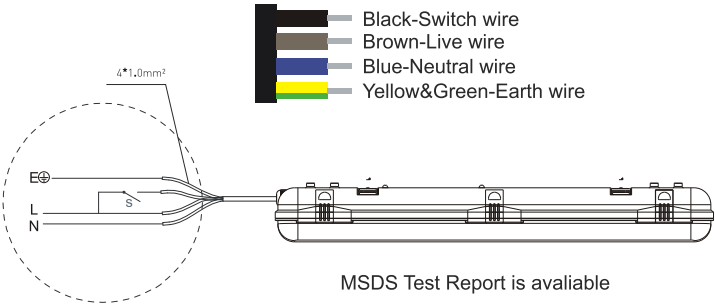
Automatic
Dimming



5 Years
Guarantee

Remark: 1. 100% brightness hold time is 90s (5s / 5min / 15min optional)
2. Stand-by dimming level is 30% (10% optional)

Emergency Series



Article Number Emergency Power Battery Parameters

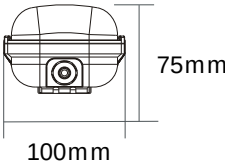
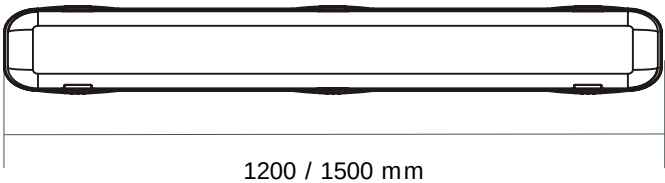
SL-P65X4-20-XB	3W	3.6V 2600mAh
SL-P65X4-40-XB	3W	3.6V 2600mAh
SL-P65X5-40-XB	3W	3.6V 2600mAh
SL-P65X5-60-XB	8W	7.2V 4400mAh

Remark:

- 1 Indicator color (Green – Recharging & Working, Yellow – malfunction)
- 2 Battery can be recharged at least 500 times. In order to maintain the battery well it must be discharged every 3 months.



Dimension

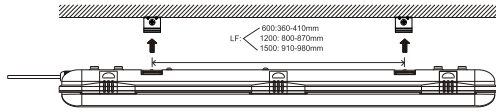


Packaging

Length	Carton Size (6pcs/ctn)	N.W. (CTN)	G.W. (CTN)	20'GP	40'GP	40'HQ
1200mm	1240*220*250mm	9.5kg	11.5kg	1950pcs	4380pcs	5190pcs
1500mm	1540*220*250mm	13kg	15kg	1458pcs	3402pcs	4032pcs

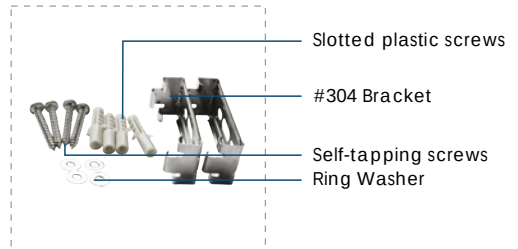
Installation

① Ceiling Mounted Installation

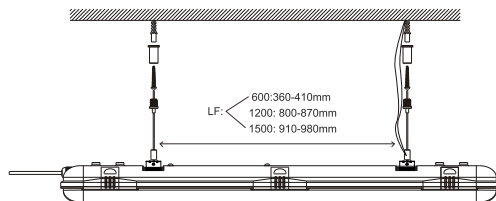


*Ceiling Mounted accessories are ShineLong Configuration.

Standard

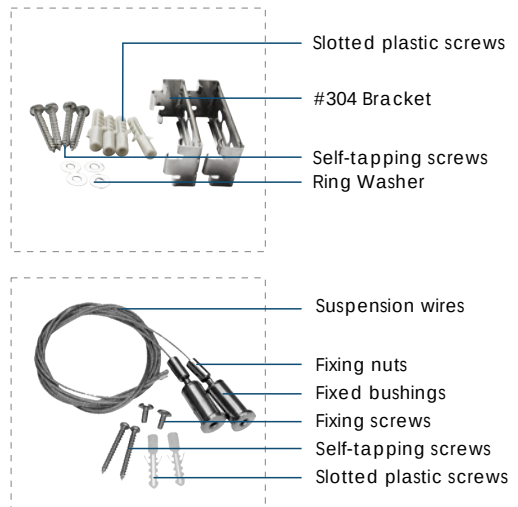


② Suspending Installation



*Suspended accessories need to be paid additionally.

Accessory part

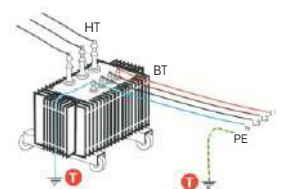


All the operations must be in the condition of power off



The luminaires are intended for indoor use or under shelter for outdoor use.

1. Please note that DO NOT use this product in the following places/application. The place has a large quantity of chemical corrosive substance, such as: chemical plant and stockyard etc.
2. The place has poor temperature conditions, the applicable operating temperature of the lamp is $-20^{\circ}\sim+40^{\circ}$, Sharply temperature variation, which would increase the risk of damage to the lamp.
3. Pls note that lamp must be reliable grounding. Make sure that your application is completely connected to ground firstly. Otherwise, it will do heavy damage to lamp if lamp's earth wire can not be efficiently connected to the ground.



Applications

