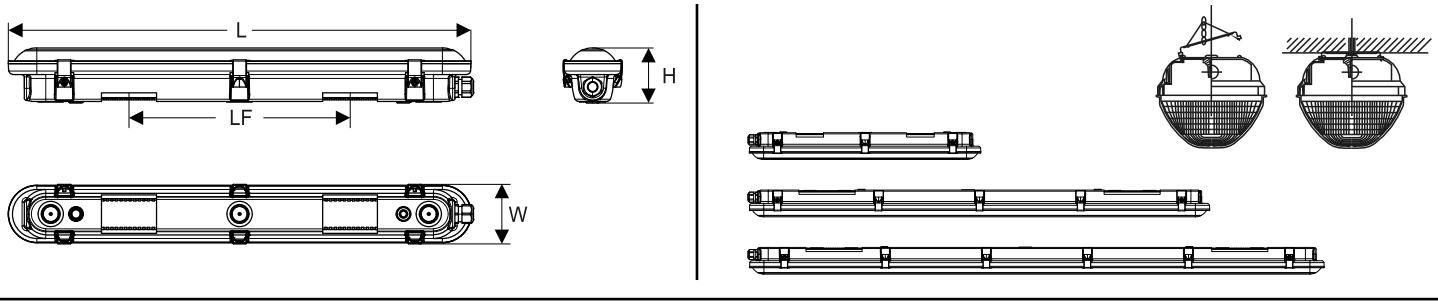
LED Waterproof Classic Performer G2

Version date 20-07-2023
www .opple.com



Item Code	Model	Rated Power (W)	L×W×H (mm)	LF (mm)	Lumen Total (lm)	Efficacy (lm/W)	IP Grade	IK Grade	Storage Environmen (°C)	Application Temperature (°C)	KG
531000015400	WP-C2 L600-10/18W-840-EM1	10/18	608×78×72	290	1500/2700	150	IP65	IK08	-10~45	0~+35	1.04
531000017200	WP-C2 L600-10/18W-840-MD-EM1	10/8	608×78×72	290	1500/2700	150	IP65	IK08	-10~45	0~+35	1.06
531000015500	WP-C2 L1200-18W-840-EM3	18	1208×78×72	800	2700	150	IP65	IK08	-10~45	0~+35	1.54
531000016100	WP-C2 L1200-18W-840-DALI-EM3	18	1208×78×72	800	2700	150	IP65	IK08	-10~45	0~+35	1.58
531000016700	WP-C2 L1200-18W-840-BLE2-EM3	18	1208×78×72	800	2700	150	IP65	IK08	-10~45	0~+35	1.59
531000017300	WP-C2 L1200-18W-840-MD-EM3	18	1208×78×72	800	2700	150	IP65	IK08	-10~45	0~+35	1.56
531000015600	WP-C2 L1200-18/36W-840-EM3	18/36	1208×78×72	800	2700/5400	150	IP65	IK08	-10~45	0~+35	1.54
531000016200	WP-C2 L1200-36W-840-DALI-EM3	36	1208×78×72	800	5400	150	IP65	IK08	-10~45	0~+35	1.62
531000016800	WP-C2 L1200-36W-840-BLE2-EM3	36	1208×78×72	800	5400	150	IP65	IK08	-10~45	0~+35	1.61
531000017400	WP-C2 L1200-18/36W-840-MD-EM3	18/36	1208×78×72	800	2700/5400	150	IP65	IK08	-10~45	0~+35	1.56
531000015700	WP-C2 L1500-24W-840-EM3	24	1508×78×72	1060	3600	150	IP65	IK08	-10~45	0~+35	1.86
531000016300	WP-C2 L1500-24W-840-DALI-EM3	24	1508×78×72	1060	3600	150	IP65	IK08	-10~45	0~+35	1.94
531000016900	WP-C2 L1500-24W-840-BLE2-EM3	24	1508×78×72	1060	3600	150	IP65	IK08	-10~45	0~+35	1.94
531000017500	WP-C2 L1500-24W-840-MD-EM3	24	1508×78×72	1060	3600	150	IP65	IK08	-10~45	0~+35	1.86
531000015800	WP-C2 L1500-24/44W-840-EM3	24/44	1508×78×72	1060	3600/6600	150	IP65	IK08	-10~45	0~+35	1.86
531000016400	WP-C2 L1500-44W-840-DALI-EM3	44	1508×78×72	1060	6600	150	IP65	IK08	-10~45	0~+35	1.94
531000017000	WP-C2 L1500-44W-840-BLE2-EM3	44	1508×78×72	1060	6600	150	IP65	IK08	-10~45	0~+35	1.94
531000017600	WP-C2 L1500-24/44W-840-MD-EM3	24/44	1508×78×72	1060	3600/6600	150	IP65	IK08	-10~45	0~+35	1.86
531000015900	WP-C2 L1500-44/56W-840-EM3	44/56	1508×78×72	1060	6600/8400	150	IP65	IK08	-10~45	0~+35	1.86
531000016500	WP-C2 L1500-56W-840-DALI-EM3	56	1508×78×72	1060	8400	150	IP65	IK08	-10~45	0~+35	1.94
531000017100	WP-C2 L1500-56W-840-BLE2-EM3	56	1508×78×72	1060	8400	150	IP65	IK08	-10~45	0~+35	1.94
531000017700	WP-C2 L1500-44/56W-840-MD-EM3	44/56	1508×78×72	1060	6600/8400	150	IP65	IK08	-10~45	0~+35	1.86

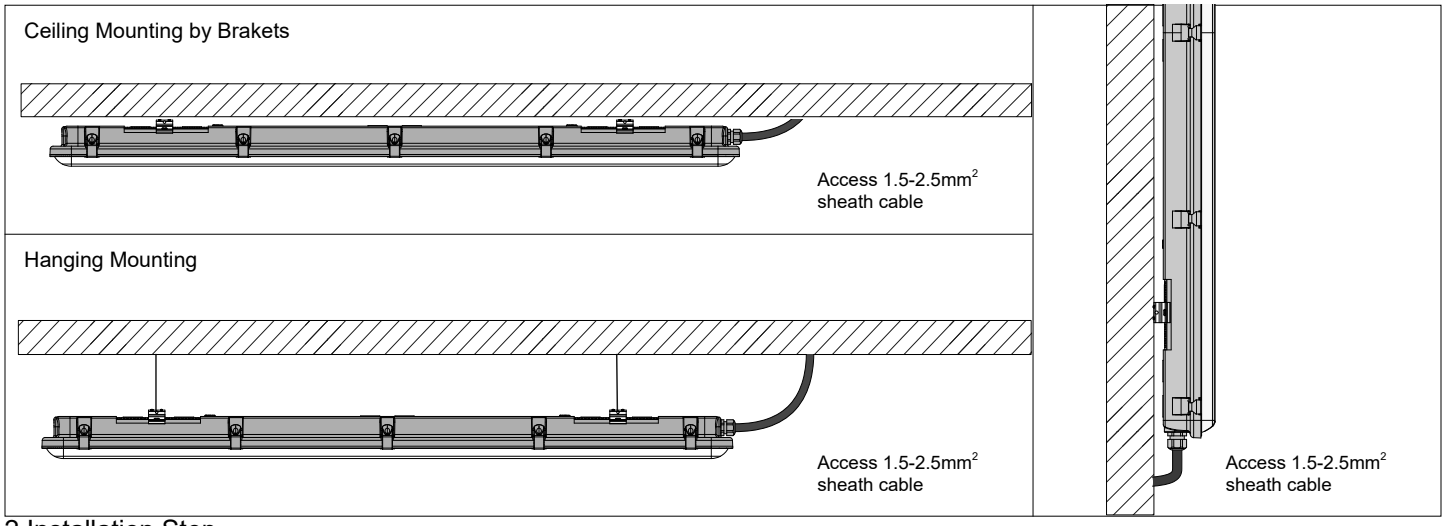
Light Source

Item Code	Product Description	N	Energy Label	Light source code	QR Code
531000015400	LEDWP-CLA-P2 L600-10/18W-840-EM1	1	C	LS076001815-01	
531000017200	LEDWP-CLA-P2 L600-10/18W-840-MD-EM1	1			
531000015500	LEDWP-CLA-P2 L1200-18W-840-EM3	1	C	LS076001815-02	
531000016100	LEDWP-CLA-P2 L1200-18W-840-DALI-EM3	1			
531000016700	LEDWP-CLA-P2 L1200-18W-840-BLE2-EM3	1			
531000017300	LEDWP-CLA-P2 L1200-18W-840-MD-EM3	1			
531000015600	LEDWP-CLA-P2 L1200-18/36W-840-EM3	1	C	LS076003615	
531000016200	LEDWP-CLA-P2 L1200-36W-840-DALI-EM3	1			
531000016800	LEDWP-CLA-P2 L1200-36W-840-BLE2-EM3	1			
531000017400	LEDWP-CLA-P2 L1200-18/36W-840-MD-EM3	1			
531000015700	LEDWP-CLA-P2 L1500-24W-840-EM3	1	C	LS076002415	
531000016300	LEDWP-CLA-P2 L1500-24W-840-DALI-EM3	1			
531000016900	LEDWP-CLA-P2 L1500-24W-840-BLE2-EM3	1			
531000017500	LEDWP-CLA-P2 L1500-24W-840-MD-EM3	1			
531000015800	LEDWP-CLA-P2 L1500-24/44W-840-EM3	1	C	LS076004415	
531000016400	LEDWP-CLA-P2 L1500-44W-840-DALI-EM3	1			
531000017000	LEDWP-CLA-P2 L1500-44W-840-BLE2-EM3	1			
531000017600	LEDWP-CLA-P2 L1500-24/44W-840-MD-EM3	1			
531000015900	LEDWP-CLA-P2 L1500-44/56W-840-EM3	1	C	LS076005515	
531000016500	LEDWP-CLA-P2 L1500-56W-840-DALI-EM3	1			
531000017100	LEDWP-CLA-P2 L1500-56W-840-BLE2-EM3	1			
531000017700	LEDWP-CLA-P2 L1500-44/56W-840-MD-EM3	1			

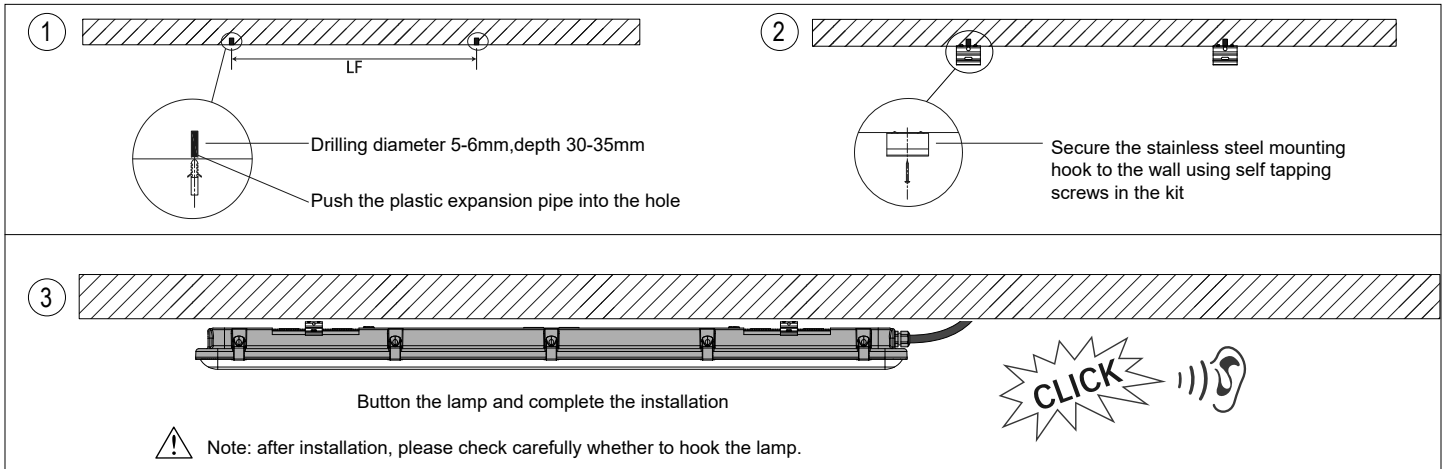
* This product contains a light source of energy efficiency class(C).

Installation
1.Installation Method

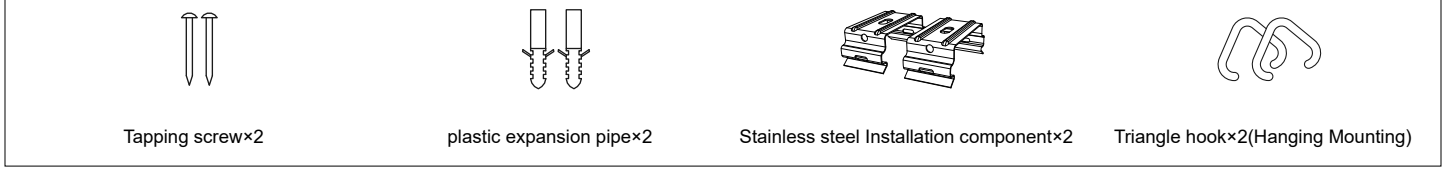
OPPLE



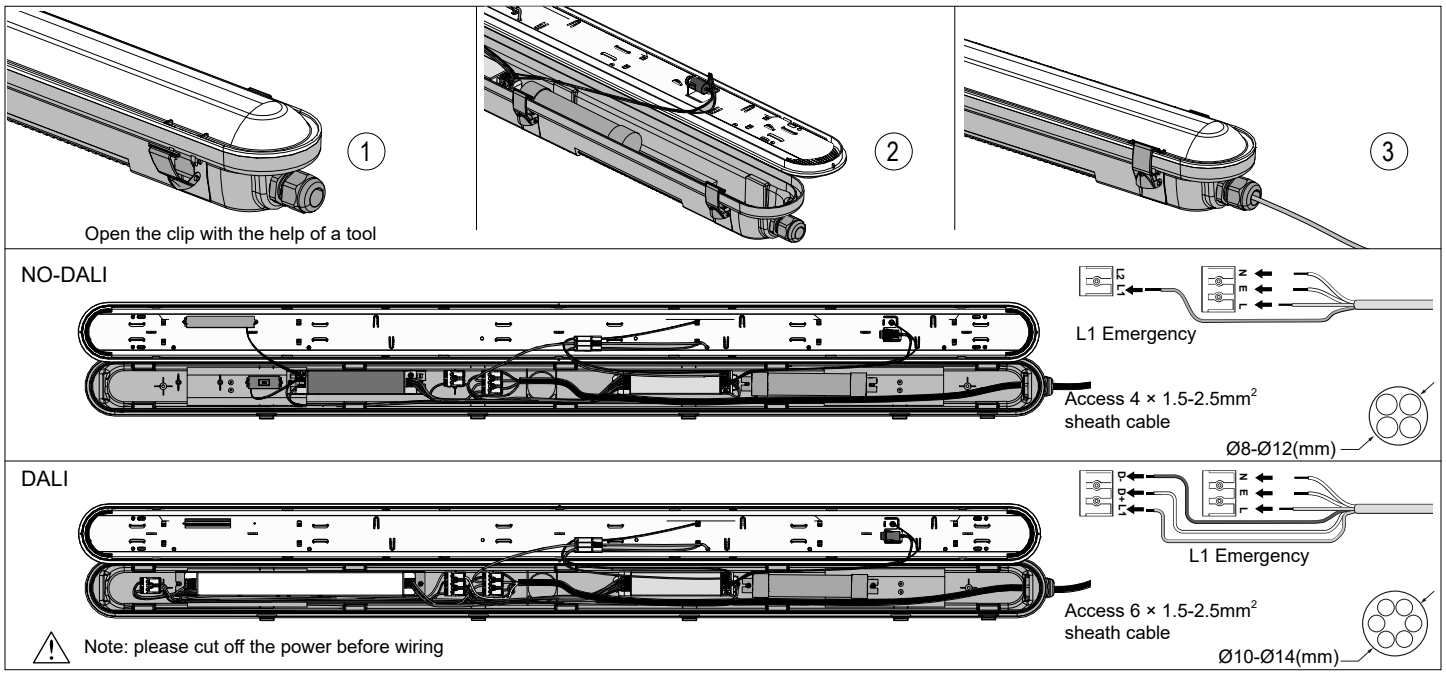
2.Installation Step

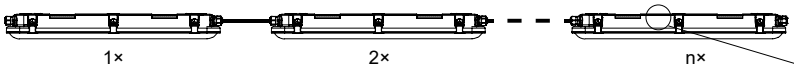


Mounting accessories

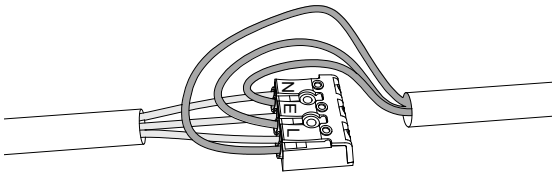


3.Wiring Method



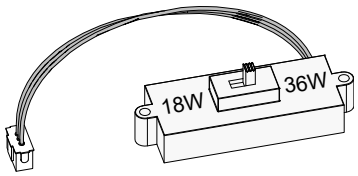


Item Code	Model	Max luminaires connectedin line using external 1.5mm2wire	Max luminaires connectedin line using external 2.5mm2wire
531000015400	WP-C2 L600-10/18W-840-EM1	15	24
531000017200	WP-C2 L600-10/18W-840-MD-EM1	15	24
531000015500	WP-C2 L1200-18W-840-EM3	15	24
531000016100	WP-C2 L1200-18W-840-DALI-EM3	15	24
531000016700	WP-C2 L1200-18W-840-BLE2-EM3	15	24
531000017300	WP-C2 L1200-18W-840-MD-EM3	15	24
531000015600	WP-C2 L1200-18/36W-840-EM3	10	15
531000016200	WP-C2 L1200-36W-840-DALI-EM3	10	15
531000016800	WP-C2 L1200-36W-840-BLE2-EM3	10	15
531000017400	WP-C2 L1200-18/36W-840-MD-EM3	10	15
531000015700	WP-C2 L1500-24W-840-EM3	10	15
531000016300	WP-C2 L1500-24W-840-DALI-EM3	10	15
531000016900	WP-C2 L1500-24W-840-BLE2-EM3	10	15
531000017500	WP-C2 L1500-24W-840-MD-EM3	10	15
531000015800	WP-C2 L1500-24/44W-840-EM3	10	15
531000016400	WP-C2 L1500-44W-840-DALI-EM3	10	15
531000017000	WP-C2 L1500-44W-840-BLE2-EM3	10	15
531000017600	WP-C2 L1500-24/44W-840-MD-EM3	10	15
531000015900	WP-C2 L1500-44/56W-840-EM3	10	15
531000016500	WP-C2 L1500-56W-840-DALI-EM3	10	15
531000017100	WP-C2 L1500-56W-840-BLE2-EM3	10	15
531000017700	WP-C2 L1500-44/56W-840-MD-EM3	10	15



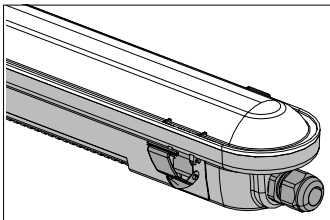
the type of the through wiring shall be rubber with nominal cross-sectional area not less than 1.5mm^2(Outdoor use: Rubber wire, if only used indoors: PVC wire can be used),and it shall pass through the knock out hole near the terminal block for power supply.

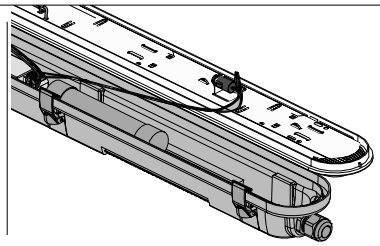
Power Selection

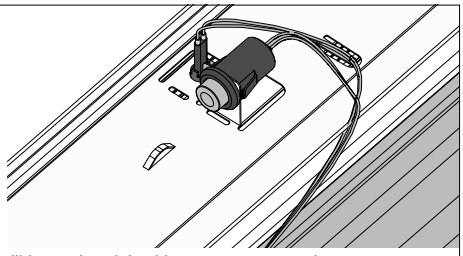


Item Code	Model	Power Selection
531000015400	WP-C2 L600-10/18W-840-EM1	10W / 18W
531000017200	WP-C2 L600-10/18W-840-MD-EM1	10W / 18W
531000015600	WP-C2 L1200-18/36W-840-EM3	18W / 36W
531000017400	WP-C2 L1200-18/36W-840-MD-EM3	18W / 36W
531000015800	WP-C2 L1500-24/44W-840-EM3	24W / 44W
531000017600	WP-C2 L1500-24/44W-840-MD-EM3	24W / 44W
531000015900	WP-C2 L1500-44/56W-840-EM3	44W / 56W
531000017700	WP-C2 L1500-44/56W-840-MD-EM3	44W / 56W

Emergency

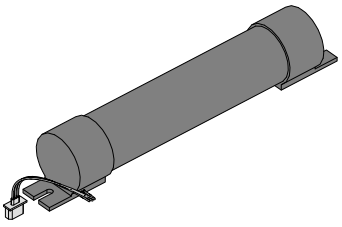


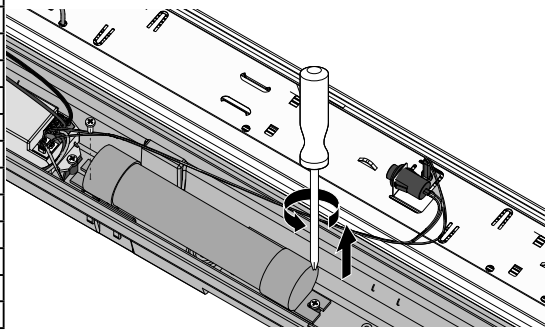




Indicator licht is on during battery charging period Press the testing button to switch to emergency modeIndicator light will be extinquished in emergency mode.

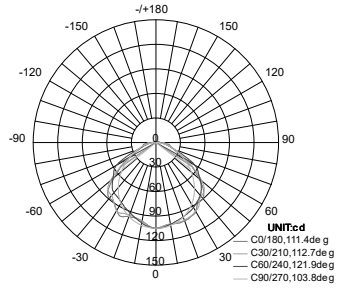
Item Code	Model	Battery	EM (lm)	EM Power(W) /Time(H)	Battery Model
531000015400	WP-C2 L600-10/18W-840-EM1	3.2V/2000mAh LiFePO4	295	2.5/1.5	EEC15L
531000017200	WP-C2 L600-10/18W-840-MD-EM1	3.2V/2000mAh LiFePO4	295	2.5/1.5	EEC15L
531000015500	WP-C2 L1200-18W-840-EM3	6.4V/3000mAh LiFePO4	680	5/3	EEC15L
531000016100	WP-C2 L1200-18W-840-DALI-EM3	6.4V/3000mAh LiFePO4	680	5/3	EEC15L
531000016700	WP-C2 L1200-18W-840-BLE2-EM3	6.4V/3000mAh LiFePO4	680	5/3	EEC15L
531000017300	WP-C2 L1200-18W-840-MD-EM3	6.4V/3000mAh LiFePO4	680	5/3	EEC15L
531000015600	WP-C2 L1200-18/36W-840-EM3	6.4V/3000mAh LiFePO4	680	5/3	EEC15L
531000016200	WP-C2 L1200-36W-840-DALI-EM3	6.4V/3000mAh LiFePO4	680	5/3	EEC15L
531000016800	WP-C2 L1200-36W-840-BLE2-EM3	6.4V/3000mAh LiFePO4	680	5/3	EEC15L
531000017400	WP-C2 L1200-18/36W-840-MD-EM3	6.4V/3000mAh LiFePO4	680	5/3	EEC15L
531000015700	WP-C2 L1500-24W-840-EM3	6.4V/3000mAh LiFePO4	680	5/3	EEC15L
531000016300	WP-C2 L1500-24W-840-DALI-EM3	6.4V/3000mAh LiFePO4	680	5/3	EEC15L
531000016900	WP-C2 L1500-24W-840-BLE2-EM3	6.4V/3000mAh LiFePO4	680	5/3	EEC15L
531000017500	WP-C2 L1500-24W-840-MD-EM3	6.4V/3000mAh LiFePO4	680	5/3	EEC15L
531000015800	WP-C2 L1500-24/44W-840-EM3	6.4V/3000mAh LiFePO4	680	5/3	EEC15L
531000016400	WP-C2 L1500-44W-840-DALI-EM3	6.4V/3000mAh LiFePO4	680	5/3	EEC15L
531000017000	WP-C2 L1500-44W-840-BLE2-EM3	6.4V/3000mAh LiFePO4	680	5/3	EEC15L
531000017600	WP-C2 L1500-24/44W-840-MD-EM3	6.4V/3000mAh LiFePO4	680	5/3	EEC15L
531000015900	WP-C2 L1500-44/56W-840-EM3	6.4V/3000mAh LiFePO4	680	5/3	EEC15L
531000016500	WP-C2 L1500-56W-840-DALI-EM3	6.4V/3000mAh LiFePO4	680	5/3	EEC15L
531000017100	WP-C2 L1500-56W-840-BLE2-EM3	6.4V/3000mAh LiFePO4	680	5/3	EEC15L
531000017700	WP-C2 L1500-44/56W-840-MD-EM3	6.4V/3000mAh LiFePO4	680	5/3	EEC15L



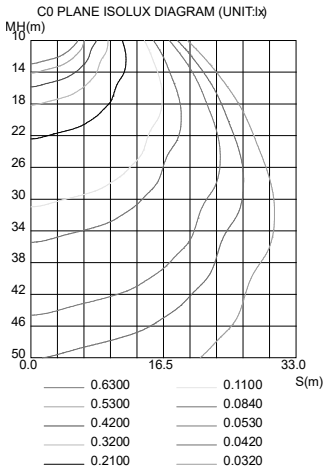


Emergency Luminous intensity distribution diagram

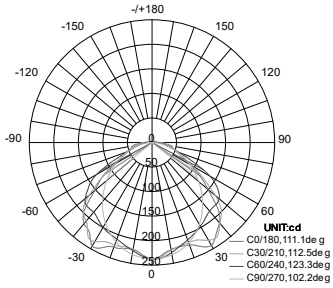
WP-C2-L600



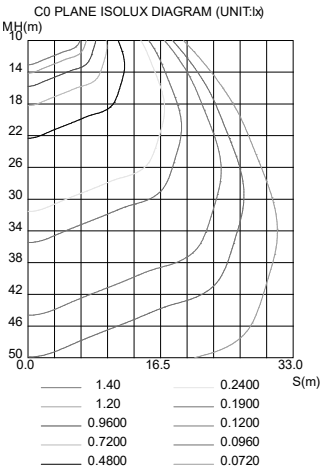
AVERAGE BEAM ANGLE(50%):112.4 DE G



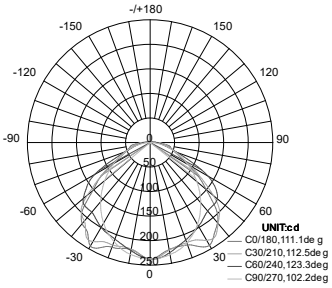
WP-C2-L1200



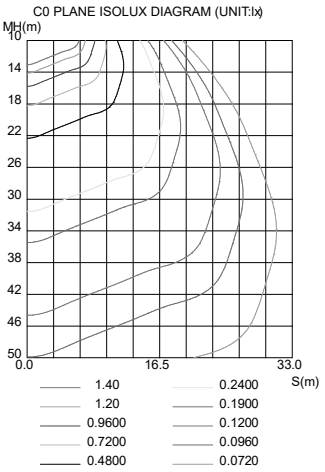
AVERAGE BEAM ANGLE(50%):112.3 DE G



WP-C2-L1500



AVERAGE BEAM ANGLE(50%):112.3 DE G



Emergency lighting versions

RECOMMENDED ROUTINE TEST PROCEDURE

The following test is designed to ensure the continued protection of your premises and occupants. Because of the possibility of a failure of the normal lighting supply occurring shortly after a period of testing, all tests should whenever possible, be undertaken at times of least risk, e.g. during daylight hours.

ONCE A DAY

Visual inspection of battery charge LED.

ONCE A MONTH

Each unit should be energized from its battery for about 15 minutes by simulation of a failure of the normal lighting supply to ensure the LED's operate in the emergency condition.

ONCE A YEAR

Each unit should be energized from its battery for the full rated duration. Inspect the LED's and if any of them have failed the whole unit will need to be replaced. The LED's will probably continue to operate for approximately 5 years but batteries will require replacement every 3 years.

Test method

Indicator licht is on during battery charging period, press the testing button to switch to emergency modeindicator light will be extinquished in emergency mode

SPECIFICATION

1. Working temperature is shown on the table
2. Supply: AC220-240V, 50/60Hz,
3. Replaceable fuse: Non
4. IP Rating: IP65, suitable for indoor use or outdoor use
5.Rechargeable LiFePO4 battery (Battery capacity is shown on the table)
6. Emergency time is shown on the table
7. Emergency mode: Lamp intensity after 3h: >90% of max value in emergency mode
8. Color rendering index: >80 for all mode.

Battery replacement

The installation must be carried out by our service agent or a certified electrician

1. Use the tool, open the lamp chamber.
2. Remove the battery lead connector.
3. Loosen the two screws holding the battery and remove the battery.
4. Replace the new battery and fix it with screws.
5. Insert the battery lead connector.
6. Check the operation, restore A.C power supply, At this time, the battery is charging,, and the LED indicator is "on".; Press the test switch, switch to the emergency state, the indicator LED "off", while the emergency LED light.
7. Close the luminaire cavity and fix it with tools.
8. Restore AC power supply, and check the operation of LED on the mains and maintenance version.

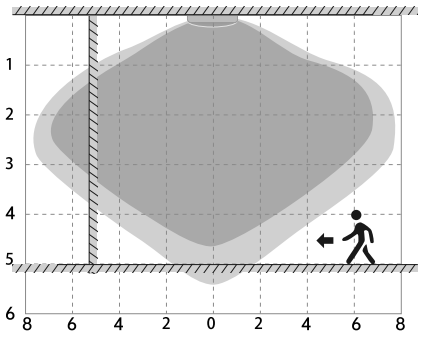
WARNING

1.L terminal should be permanently connected to the supply, otherwise the battery cannot be charged and the product will be unable to change to emergency mode.
2.L1 can be disconnected if maintained function is unexpected.
3.The input cable should be H05RN-F 4x1.5mm2, or having at least equivalent characteristic.
4.If the rated duration of emergency mode is no longer meet after few years, please contact our service agent to replace the battery or LED module.
5.The fuse, light source and battery contained in this luminaires shall only be replaced by a certified electrician or our service agent. Please contact us if you have any problem.
6.Do not dispose of electrical appliances as unsorted municipal waste, use separate collection facilities contact your local government for information regarding the collection systems available. If electrical appliances are disposed of in landfills or dumps, hazardous substances can leak into the ground and water then get into the food chain, damaging your health and well-being.

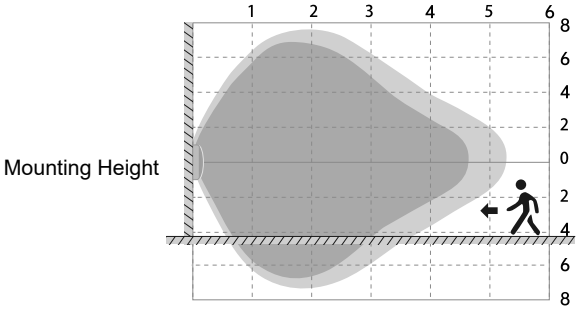
Sensor
Detection Patterns

0.5-1.0M/S

Ceiling Mounted



Wall Mounted



Well Detected Area Possibly Detected Area

Highest mounting height is 4.5m
This figure indicates the maximum distance at the highest mounting height with 100% sensitivity.

DIP Switch Setting

● Switch UP
○ Switch DOWN

Stand-by dimming level

●	0%
○	20%

The definition of low output in the standby period.

Stand-by period

●	15min
○	+∞

The period of light keeping low output before it's complete! switched off. When it's preset as"∞", the light always keep at low output if no movement in the detection area and doesn't turn off.

Daylight Threshold

●	Disable
○	50lux

Definition of the ambient brightness; only when the ambient brightness is lower than the preset specific lux amount, the sensor will work; when it's preset as "disable",the sensor works everytime it detects motion regardless the ambient brightness.

Hold-Time

●	●	5s
●	○	1min
○	●	10min
○	○	30min

The period of light keeping 100% brightness after moving objects leave the detection area.

Detection Area

●	100%
○	50%

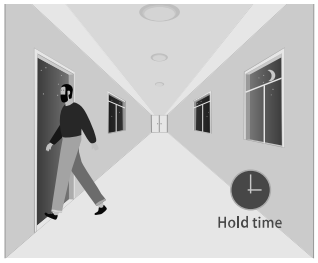
In this area, movement will be detected and able to trigger the sensor. 100% detection area is also known as the strong sensitvity.

Performance

1.Automatically ON/OFF function

With sufficient daylight, even when motion detected, light remains OFF.

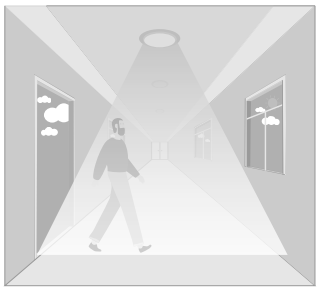
With insufficient daylight, the sensor turns light ON when motion gets detected.



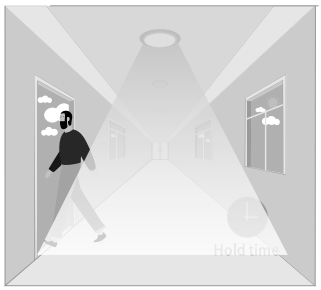
The senso turns OFF light automatically after the holdtime when there's no motion detected.

2.Daylight Disable

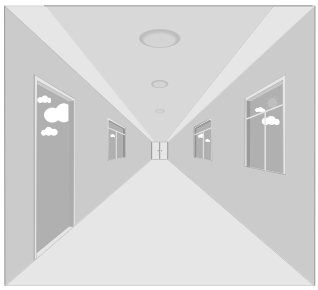
When daylight threshold is preset as "disable", the sensor turns light ON when motion gets detected, and OFF after hold-time.



The sensor turns light ON when motion gets detected.



The sensor keeps light ON for holdtime period after motion leaves.

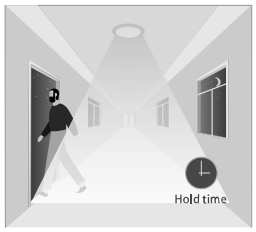


The sensor turns OFF light automatically after the holdtime.

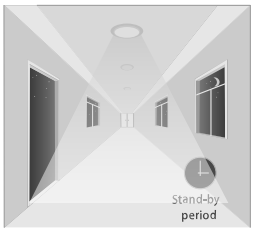
3.Corridor Function, Bi-level Dimmable

With sufficient daylight, the sensor keeps light OFF even motion gets detected.

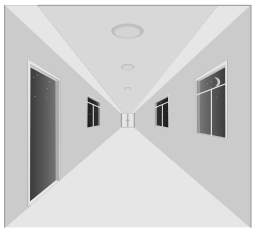
With insufficient daylight, the sensor turns light ON when motion gets detected.



After there's no motion detected, the sensor keeps light ON 100% for holdtime.



After holdtime, sensor dims light to standby dimming level for standby period.



The sensor turns OFF light automatically after the standby period when there's no motion detected.

Application Environment

1. Suitable for indoor installation to avoid false triggering due to external factors such as rain, wind or tree swing.
2. Shall not be installed in the place with all four metal shelters and small space (such as galvanized-iron roof).
3. Shall note be mounted installation, so as to avoid false trigger caused by the lamp itself shaking.
4. Shall not be installed next to large operating machines such as ventilator/ceil-ing fan to avoid false triggering caused by machine vibration.
5.The sensor might be unwanted triggered in rooms that are small, or mostly filled with metal materials; please try to decrease sensitivity when it happens or contact us for support.
6. For 5.8G sensor: Operating frequency: 5725~5875MHz, Max transmitting power: <0dBm
   For Bluetooth: Operating frequency: 2402-2480MHz, Max transmitting power: <+10dBm

Radio Frequency Interface Requirements – Related to European installation
Note: This equipment has been tested and found to comply with the limits for a EN 300 440 v2.1.1 receiver Category 3.
These limits are designed to provide reasonable protection against harmful interference in a residential installation.
When placed in the vicinity of other device(s) radiating in the 5.8GHz ISM band this device will inadvertency trigger on.
Please take appropriate measure to mitigate this eventuality.

Caution: Any operation on LED module is forbidden while power-on.
Zur Vermeidung von Risiken müssen defekte Leitungen ausschließlich vom Hersteller, Inverkehrbringer oder Fachmann ausgetauscht werden.
Achtung: In betrieb ist keine Arbeit am LED-Modul erlaubt.

For non-user replaceable light sources:
The light source contained in this luminaire shall only be replaced by the manufacture or his service agent or a similar qualified person.
Für nicht vom Benutzer austauschbare Lichtquellen:
Die in dieser Leuchte enthaltene Lichtquelle darf nur vom Hersteller oder seinem Servicevertreter oder einer ähnlich qualifizierten Person ausgetauscht werden.

For use in environments where normal non-conductive/conductive dust accumulation may be expected, not for use inenvironments with expected high/unusual dust accumulation.
Zur Verwendung in Umgebungen, in denen mit normaler nichtleitender/leitender Staubansammlung zu rechnen ist, nicht zur Verwendung in Umgebungen mit zu erwartender hoher/ungewöhnlicher Staubansammlung.

EN 60598 | LED | IP65 | 650°C | IK08

Data subject to change
Les données sont sujettes à modifications
Änderungen vorbehalten

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