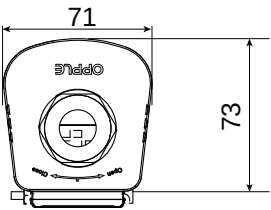
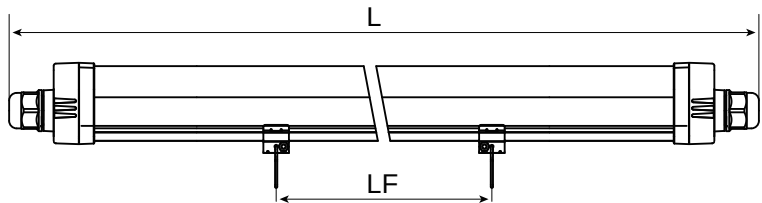
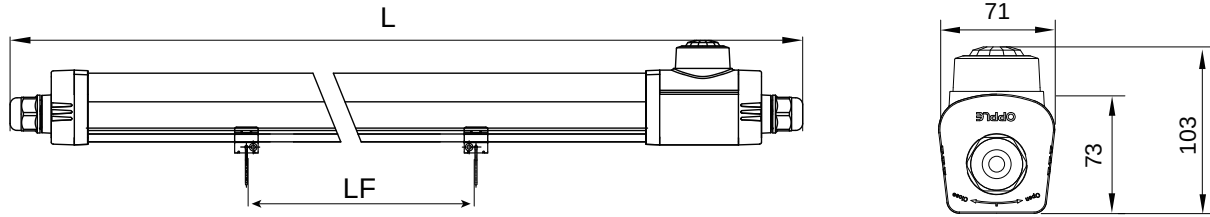


LED Waterproof Performer G5



Product Code	Model	CCT	lm (with DC input rated voltage: 220-240VDC)	Weight(kg)	L(mm)	LF(mm)	Application Temperature (°C)	EOF _I (with DC input rated voltage: 220-240VDC)	Max total luminaires using 1.5mm ² wire (X/Y)*	Max total luminaires using 2.5mm ² wire (X/Y)*
531000040500	WP-P5-L06-12W/22W	4000K	1750lm	0.9	680	350	-30~45°C	100%	20/15	40/30
531000035400	WP-P5-L12-22/34W	4000K	1750lm	1.433	1280	800	-30~45°C	100%	15/15	30/30
531000036900	WP-P5-L15-28/42W	4000K	1750lm	1.751	1580	950	-30~45°C	100%	15/10	30/20
531000037700	WP-P5-L15-42/48W	4000K	4760lm	1.751	1580	950	-30~45°C	100%	10/10	20/20
531000039100	WP-P5-L15-62/72W	4000K	10000lm	1.751	1580	950	-30~45°C	100%	6/5	11/6
531000035600	WP-P5-L12-22/34W-PLUS	4000K	1750lm	1.433	1280	800	-30~45°C	100%	15/15	30/30
531000037500	WP-P5-L15-28/48W-PLUS	4000K	4760lm	1.751	1580	950	-30~45°C	100%	15/10	30/20
531000039300	WP-P5-L15-62/72W-PLUS	4000K	10000lm	1.751	1580	950	-30~45°C	100%	6/5	11/6
531000041200	WP-P5-L06-22W-DALI	4000K	508lm	0.9	680	350	-30~45°C	14%	15	30
531000036500	WP-P5-L12-34W-DALI	4000K	809lm	1.433	1280	800	-30~45°C	14%	15	30
531000038700	WP-P5-L15-48W-DALI	4000K	809lm	1.751	1580	950	-30~45°C	14%	10	20
531000040200	WP-P5-L15-72W-DALI	4000K	809lm	1.751	1580	950	-30~45°C	14%	5	6
531000041000	WP-P5-L06-22W-BLE2	4000K	508lm	0.9	680	350	-30~45°C	14%	15	30
531000036100	WP-P5-L12-34W-BLE2	4000K	809lm	1.433	1280	800	-30~45°C	14%	15	30
531000038300	WP-P5-L15-48W-BLE2	4000K	809lm	1.751	1580	950	-30~45°C	14%	10	20
531000039900	WP-P5-L15-72W-BLE2	4000K	809lm	1.751	1580	950	-30~45°C	14%	5	6
531000040600	WP-P5-L06-12W/22W-EM1	4000K	252lm	1.022	680	350	5~35°C	\	20/15	40/30
531000035500	WP-P5-L12-22/34W-EM3	4000K	617lm	1.787	1280	800	5~35°C	\	15/15	30/30
531000037000	WP-P5-L15-28/42W-EM3	4000K	617lm	2.169	1580	950	5~35°C	\	15/10	30/20
531000037800	WP-P5-L15-42/48W-EM3	4000K	617lm	2.169	1580	950	5~35°C	\	10/10	20/20
531000039200	WP-P5-L15-62/72W-EM3	4000K	617lm	2.169	1580	950	5~35°C	\	6/5	11/6
531000035700	WP-P5-L12-22/34W-PLUS-EM3	4000K	617lm	1.787	1280	800	5~35°C	\	15/15	30/30
531000037600	WP-P5-L15-28/48W-PLUS-EM3	4000K	617lm	2.169	1580	950	5~35°C	\	15/10	30/20
531000039400	WP-P5-L15-62/72W-PLUS-EM3	4000K	617lm	2.169	1580	950	5~35°C	\	6/5	11/6
531000036600	WP-P5-L12-34W-DALI-EM3	4000K	617lm	1.787	1280	800	5~35°C	\	15	30
531000038800	WP-P5-L15-48W-DALI-EM3	4000K	617lm	2.169	1580	950	5~35°C	\	10	20
531000040300	WP-P5-L15-72W-DALI-EM3	4000K	617lm	2.169	1580	950	5~35°C	\	5	6
531000036200	WP-P5-L12-34W-BLE2-EM3	4000K	617lm	1.787	1280	800	5~35°C	\	15	30
531000038400	WP-P5-L15-48W-BLE2-EM3	4000K	617lm	2.169	1580	950	5~35°C	\	10	20
531000040000	WP-P5-L15-72W-BLE2-EM3	4000K	617lm	2.169	1580	950	5~35°C	\	5	6
531000036800	WP-P5-L12-34W-DALI-TW	3000K-5700K	809lm	1.433	1280	800	-30~45°C	14%	15	30
531000039000	WP-P5-L15-48W-DALI-TW	3000K-5700K	809lm	1.751	1580	950	-30~45°C	14%	10	20
531000036400	WP-P5-L12-34W-BLE2-TW	3000K-5700K	809lm	1.433	1280	800	-30~45°C	14%	15	30
531000038600	WP-P5-L15-48W-BLE2-TW	3000K-5700K	809lm	1.751	1580	950	-30~45°C	14%	10	20
531000040700	WP-P5-L06-12W/22W-840/857	4000K/5700K	1750lm	0.9	680	350	-30~45°C	100%	20/15	40/30
531000041400	WP-P5-L12-22/34W-840/857	4000K/5700K	1750lm	1.433	1280	800	-30~45°C	100%	15/15	30/30
531000037100	WP-P5-L15-28/42W-840/857	4000K/5700K	1750lm	1.751	1580	950	-30~45°C	100%	15/10	30/20
531000037900	WP-P5-L15-42/48W-840/857	4000K/5700K	4760lm	1.751	1580	950	-30~45°C	100%	10/10	20/20
531000039500	WP-P5-L15-62/72W-840/857	4000K/5700K	10000lm	1.751	1580	950	-30~45°C	100%	6/5	11/6
531000040800	WP-P5-L06-12W/22W-EM1-840/857	4000K/5700K	237lm	1.022	680	350	5~35°C	\	20/15	40/30
531000035800	WP-P5-L12-22/34W-EM3-840/857	4000K/5700K	599lm	1.787	1280	800	5~35°C	\	15/15	30/30
531000037200	WP-P5-L15-28/42W-EM3-840/857	4000K/5700K	599lm	2.169	1580	950	5~35°C	\	15/10	30/20
531000038000	WP-P5-L15-42/48W-EM3-840/857	4000K/5700K	599lm	2.169	1580	950	5~35°C	\	10/10	20/20
531000039600	WP-P5-L15-62/72W-EM3-840/857	4000K/5700K	599lm	2.169	1580	950	5~35°C	\	6/5	11/6
531000040900	WP-P5-L06-12W/22W	5700K	1750lm	0.9	680	350	-30~45°C	100%	20/15	40/30
531000035900	WP-P5-L12-22/34W	5700K	1750lm	1.433	1280	800	-30~45°C	100%	15/15	30/30
531000037300	WP-P5-L15-28/42W	5700K	1750lm	1.751	1580	950	-30~45°C	100%	15/10	30/20
531000038100	WP-P5-L15-42/48W	5700K	4760lm	1.751	1580	950	-30~45°C	100%	10/10	20/20
531000039700	WP-P5-L15-62/72W	5700K	10000lm	1.751	1580	950	-30~45°C	100%	6/5	11/6
531000041300	WP-P5-L06-22W-DALI	5700K	508lm	0.9	680	350	-30~45°C	14%	15	30
531000036700	WP-P5-L12-34W-DALI	5700K	809lm	1.433	1280	800	-30~45°C	14%	15	30
531000038900	WP-P5-L15-48W-DALI	5700K	809lm	1.751	1580	950	-30~45°C	14%	10	20
531000040400	WP-P5-L15-72W-DALI	5700K	809lm	1.751	1580	950	-30~45°C	14%	5	6
531000041100	WP-P5-L06-22W-BLE2	5700K	508lm	0.9	680	350	-30~45°C	14%	15	30
531000036300	WP-P5-L12-34W-BLE2	5700K	809lm	1.433	1280	800	-30~45°C	14%	15	30
531000038500	WP-P5-L15-48W-BLE2	5700K	809lm	1.751	1580	950	-30~45°C	14%	10	20
531000040100	WP-P5-L15-72W-BLE2	5700K	809lm	1.751	1580	950	-30~45°C	14%	5	6
531000036000	WP-P5-L12-22/34W-EM3	5700K	617lm	1.787	1280	800	5~35°C	\	15/15	30/30
531000037400	WP-P5-L15-28/42W-EM3	5700K	617lm	2.169	1580	950	5~35°C	\	15/10	30/20
531000038200	WP-P5-L15-42/48W-EM3	5700K	617lm	2.169	1580	950	5~35°C	\	10/10	20/20
531000039800	WP-P5-L15-62/72W-EM3	5700K	617lm	2.169	1580	950	5~35°C	\	6/5	11/6



Product Code	Model	CCT	LM (with DC input rated voltage: 220-240VDC)	Weight(kg)	L(mm)	LF(mm)	Application Temperature (°C)	EOF _i (with DC input rated voltage: 220-240VDC)	Max total luminaires using 1.5mm ² wire (X/Y)*	Max total luminaires using 2.5mm ² wire (X/Y)*
531000043900	WP-P5-L06-12/22W-MD	4000K	1750	1.12	755	350	-30~45°C	100%	19/15	39/30
531000044000	WP-P5-L12-22/34W-MD	4000K	1750	1.70	1355	800	-30~45°C	100%	15/15	30/30
531000044100	WP-P5-L15-28/42W-MD	4000K	1750	1.97	1655	950	-30~45°C	100%	15/10	30/20
531000044200	WP-P5-L15-42/48W-MD	4000K	4760	1.97	1655	950	-30~45°C	100%	10/10	20/20
531000044300	WP-P5-L15-62/72W-MD	4000K	10000	1.97	1655	950	-30~45°C	100%	6/5	11/6
531000044400	WP-P5-L06-12/22W-MD	5700K	1750	1.12	755	350	-30~45°C	100%	19/15	39/30
531000044500	WP-P5-L12-22/34W-MD	5700K	1750	1.70	1355	800	-30~45°C	100%	15/15	30/30
531000044600	WP-P5-L15-28/42W-MD	5700K	1750	1.97	1655	950	-30~45°C	100%	15/10	30/20
531000044700	WP-P5-L15-42/48W-MD	5700K	4760	1.97	1655	950	-30~45°C	100%	10/10	20/20
531000044800	WP-P5-L15-62/72W-MD	5700K	10000	1.97	1655	950	-30~45°C	100%	6/5	11/6

Rated Voltage: 220-240V~ Frequency: 50/60Hz Max current should not exceed 16A in one power feed in circuit (L1+L2+L3)

Note: EM output lumens are for central control emergency system.

*The X/Y data of Max total Luminaires using 1.5m² wire and 2.5m² wire, X is for low wattage, Y is for high wattage.

Light Source

Product Code	Product Description	N	Light Source Code	Energy Label	QR Code
531000040500	LEDWaterproof-P5-L06-11/22W-840	1	LS403101523000		
531000040600	LEDWaterproof-P5-L06-11/22W-840-EM1	1			
531000043900	LEDWaterproof-P5-L06-12/22W-840-MD	1			
531000040900	LEDWaterproof-P5-L06-11/22W-857	1	LS403101524000		
531000044400	LEDWaterproof-P5-L06-12/22W-857-MD	1			
531000041200	LEDWaterproof-P5-L06-22W-DALI-840	1	LS403101525000		
531000041000	LEDWaterproof-P5-L06-22W-BLE2-840	1			
531000041300	LEDWaterproof-P5-L06-22W-DALI-857	1	LS403101526000		
531000041100	LEDWaterproof-P5-L06-22W-BLE2-857	1			
531000035400	LEDWaterproof-P5-L12-22/34W-840	1	LS403101527000		
531000035600	LEDWaterproof-P5-L12-22/34W-840-PLUS	1			
531000036500	LEDWaterproof-P5-L12-34W-DALI-840	1			
531000036100	LEDWaterproof-P5-L12-34W-BLE2-840	1			
531000035500	LEDWaterproof-P5-L12-22/34W-840-EM3	1			
531000035700	LEDWaterproof-P5-L12-22/34W-840-PLUS-EM3	1			
531000036600	LEDWaterproof-P5-L12-34W-DALI-840-EM3	1			
531000036200	LEDWaterproof-P5-L12-34W-BLE2-840-EM3	1			
531000044000	LEDWaterproof-P5-L12-22/34W-840-MD	1			
531000035900	LEDWaterproof-P5-L12-22/34W-857	1	LS403101528000		
531000036700	LEDWaterproof-P5-L12-34W-DALI-857	1			
531000036300	LEDWaterproof-P5-L12-34W-BLE2-857	1			
531000036000	LEDWaterproof-P5-L12-22/34W-857-EM3	1			
531000044500	LEDWaterproof-P5-L12-22/34W-857-MD	1			

Product Code	Product Description	N	Light Source Code	Energy Label	QR Code
531000037700	LEDWaterproof-P5-L15-42/48W-840	1	LS403101531000		
531000037500	LEDWaterproof-P5-L15-28/48W-840-PLUS	1			
531000038700	LEDWaterproof-P5-L15-48W-DALI-840	1			
531000038300	LEDWaterproof-P5-L15-48W-BLE2-840	1			
531000037800	LEDWaterproof-P5-L15-42/48W-840-EM3	1			
531000037600	LEDWaterproof-P5-L15-28/48W-840-PLUS-EM3	1			
531000038800	LEDWaterproof-P5-L15-48W-DALI-840-EM3	1			
531000038400	LEDWaterproof-P5-L15-48W-BLE2-840-EM3	1			
531000044200	LEDWaterproof-P5-L15-42/48W-840-MD	1			
531000038100	LEDWaterproof-P5-L15-42/48W-857	1	LS403101532000		
531000038900	LEDWaterproof-P5-L15-48W-DALI-857	1			
531000038500	LEDWaterproof-P5-L15-48W-BLE2-857	1			
531000038200	LEDWaterproof-P5-L15-42/48W-857-EM3	1			
531000044700	LEDWaterproof-P5-L15-42/48W-857-MD	1			
531000039100	LEDWaterproof-P5-L15-62/72W-840	1	LS403101533000		
531000039300	LEDWaterproof-P5-L15-62/72W-840-PLUS	1			
531000040200	LEDWaterproof-P5-L15-72W-DALI-840	1			
531000039900	LEDWaterproof-P5-L15-72W-BLE2-840	1			
531000039200	LEDWaterproof-P5-L15-62/72W-840-EM3	1			
531000039400	LEDWaterproof-P5-L15-62/72W-840-PLUS-EM3	1			
531000040300	LEDWaterproof-P5-L15-72W-DALI-840-EM3	1			
531000040000	LEDWaterproof-P5-L15-72W-BLE2-840-EM3	1			
531000044300	LEDWaterproof-P5-L15-62/72W-840-MD	1			
531000039700	LEDWaterproof-P5-L15-62/72W-857	1	LS403101534000		
531000040400	LEDWaterproof-P5-L15-72W-DALI-857	1			
531000040100	LEDWaterproof-P5-L15-72W-BLE2-857	1			
531000039800	LEDWaterproof-P5-L15-62/72W-857-EM3	1			
531000044800	LEDWaterproof-P5-L15-62/72W-857-MD	1			
531000040700	LEDWaterproof-P5-L06-11/22W-840/857	1	LS403101535000		
531000040800	LEDWaterproof-P5-L06-11/22W-840/857-EM1	1			
531000041400	LEDWaterproof-P5-L12-22/34W-840/857	1	LS403101536000		
531000035800	LEDWaterproof-P5-L12-22/34W-840/857-EM3	1			
531000037100	LEDWaterproof-P5-L15-28/42W-840/857	1	LS403101537000		
531000037200	LEDWaterproof-P5-L15-28/42W-840/857-EM3	1			

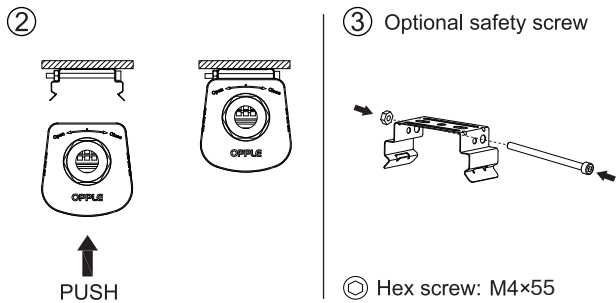
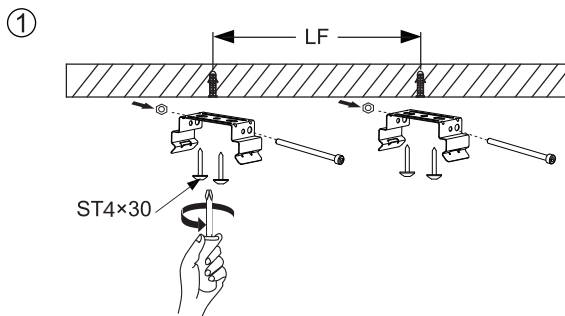
Product Code	Product Description	N	Light Source Code	Energy Label	QR Code
531000036800	LEDWaterproof-P5-L12-34W-DALI-TW	1	LS403101574000		
531000036400	LEDWaterproof-P5-L12-34W-BLE2-TW	1			
531000039000	LEDWaterproof-P5-L15-48W-DALI-TW	1	LS403101575000		
531000038600	LEDWaterproof-P5-L15-48W-BLE2-TW	1			
531000037300	LEDWaterproof-P5-L15-28/42W-857	1	LS403101530000		
531000037400	LEDWaterproof-P5-L15-28/42W-857-EM3	1			
531000044600	LEDWaterproof-P5-L15-28/42W-857-MD	1			
531000037900	LEDWaterproof-P5-L15-42/48W-840/857	1	LS403101538000		
531000038000	LEDWaterproof-P5-L15-42/48W-840/857-EM3	1			
531000039500	LEDWaterproof-P5-L15-62/72W-840/857	1	LS403101539000		
531000039600	LEDWaterproof-P5-L15-62/72W-840/857-EM3	1			
531000036900	LEDWaterproof-P5-L15-28/42W-840	1	LS403101529000		
531000037000	LEDWaterproof-P5-L15-28/42W-840-EM3	1			
531000044100	LEDWaterproof-P5-L15-28/42W-840-MD	1			

*Note: This product contains a light source of energy efficiency class (B).

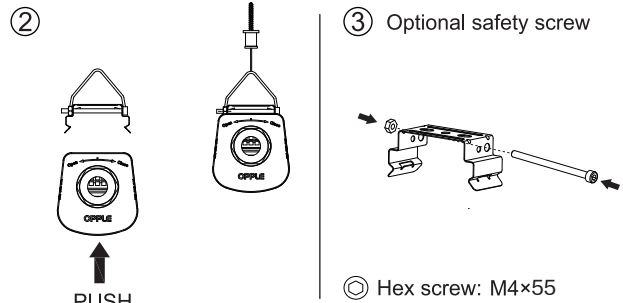
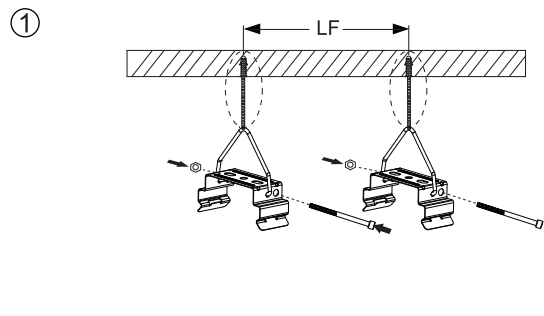
Bluetooth Operating frequency: 2402-2480 MHz, Bluetooth Max Transmission Power: <10dBm

Installation

Surface Mounting



Suspension Mounting



Components



Wiring

①

② For Static/BLE versions

External Wire diameter

- Ø7mm-Ø9.3mm
- Ø10mm-Ø15.5mm

For Plus/Plus-EM versions

External Wire diameter

- Ø7mm-Ø9.3mm
- Ø10mm-Ø15.5mm

For DALI/DALI-EM versions

External Wire diameter

- Ø7mm-Ø9.3mm
- Ø10mm-Ø15.5mm

For Static&BLE-EM versions

External Wire diameter

- Ø7mm-Ø9.3mm
- Ø10mm-Ø15.5mm

For MD versions

External Wire diameter

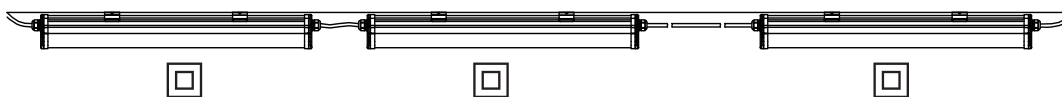
- Ø7mm-Ø9.3mm
- Ø10mm-Ø15.5mm

Rubber Ring	Wire diameter range	Cable Type
	Ø7-Ø9.3	3 × 1.0-3 × 1.5mm ² 4 × 1.0mm ² 5 × 1.0mm ² (except MD version)
	Ø10-Ø15.5	3 × 1.5-3 × 2.5mm ² 4 × 1.0-4 × 2.5mm ² 5 × 1.0-5 × 2.5mm ² (except MD version)

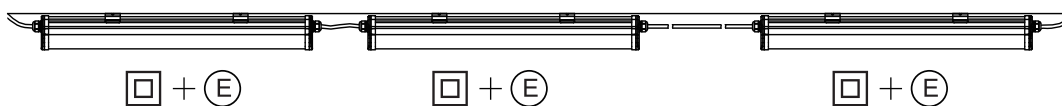
③

IP66 rating can only be guaranteed with properly tightened glands and properly closed endcaps.

LUMINAIRE IS ELECTRICAL PROTECTION CLASS II, GROUND WIRING IS NOT MANDATORY



The luminaire is equipped with an extra through wire that can be used to connect the ground wire to the end of the line





Caution:

Without sensor, central control emergency input: DC+ connected to L, DC- connected to N.

With sensor, central control emergency input: DC+ connected to L, DC- connected to N. If reversed, the luminaire will operate in sensing mode.

Emergency

Item Code	Model	Battery	EM (lm)	EM Power(W)/ Time(H)	Battery Model	Battery Life
531000040600	WP-P5-L06-12W/22W-EM1	3.2V/1500mAh LiFePO4	252lm	2.5/1.5	EEC19M	4 years
531000035500	WP-P5-L12-22/34W-EM3	3.2V/6000mAh LiFePO4	617lm	5/3	EEC110M	4 years
531000037000	WP-P5-L15-28/42W-EM3	3.2V/6000mAh LiFePO4	617lm	5/3	EEC110M	4 years
531000037800	WP-P5-L15-42/48W-EM3	3.2V/6000mAh LiFePO4	617lm	5/3	EEC110M	4 years
531000039200	WP-P5-L15-62/72W-EM3	3.2V/6000mAh LiFePO4	617lm	5/3	EEC110M	4 years
531000035700	WP-P5-L12-22/34W-PLUS-EM3	3.2V/6000mAh LiFePO4	617lm	5/3	EEC110M	4 years
531000037600	WP-P5-L15-28/48W-PLUS-EM3	3.2V/6000mAh LiFePO4	617lm	5/3	EEC110M	4 years
531000039400	WP-P5-L15-62/72W-PLUS-EM3	3.2V/6000mAh LiFePO4	617lm	5/3	EEC110M	4 years
531000036600	WP-P5-L12-34W-DALI-EM3	3.2V/6000mAh LiFePO4	617lm	5/3	EEC110M	4 years
531000038800	WP-P5-L15-48W-DALI-EM3	3.2V/6000mAh LiFePO4	617lm	5/3	EEC110M	4 years
531000040300	WP-P5-L15-72W-DALI-EM3	3.2V/6000mAh LiFePO4	617lm	5/3	EEC110M	4 years
531000036200	WP-P5-L12-34W-BLE2-EM3	3.2V/6000mAh LiFePO4	617lm	5/3	EEC110M	4 years
531000038400	WP-P5-L15-48W-BLE2-EM3	3.2V/6000mAh LiFePO4	617lm	5/3	EEC110M	4 years
531000040000	WP-P5-L15-72W-BLE2-EM3	3.2V/6000mAh LiFePO4	617lm	5/3	EEC110M	4 years
531000040800	WP-P5-L06-12W/22W-EM1-840/857	3.2V/1500mAh LiFePO4	237lm	2.5/1.5	EEC19M	4 years
531000035800	WP-P5-L12-22/34W-EM3-840/857	3.2V/6000mAh LiFePO4	599lm	5/3	EEC110M	4 years
531000037200	WP-P5-L15-28/42W-EM3-840/857	3.2V/6000mAh LiFePO4	599lm	5/3	EEC110M	4 years
531000038000	WP-P5-L15-42/48W-EM3-840/857	3.2V/6000mAh LiFePO4	599lm	5/3	EEC110M	4 years
531000039600	WP-P5-L15-62/72W-EM3-840/857	3.2V/6000mAh LiFePO4	599lm	5/3	EEC110M	4 years
531000036000	WP-P5-L12-22/34W-EM3	3.2V/6000mAh LiFePO4	617lm	5/3	EEC110M	4 years
531000037400	WP-P5-L15-28/42W-EM3	3.2V/6000mAh LiFePO4	617lm	5/3	EEC110M	4 years
531000038200	WP-P5-L15-42/48W-EM3	3.2V/6000mAh LiFePO4	617lm	5/3	EEC110M	4 years
531000039800	WP-P5-L15-62/72W-EM3	3.2V/6000mAh LiFePO4	617lm	5/3	EEC110M	4 years

Testing/Commissioning(self test)

Functionality of the test button

- 1) A short press (>1s) on the button start a function test lasting 5 seconds (The battery's capacity should be more than 5%=charging 30mins)
- 2) Holding down the button(>10s) resets the timer(System-reset)

Function test

The 5 second long, each 7 days' function test serves to check the functionality of the emergency unit, the batteries and LED module.

Duration test

- First test: After 24 hours of AC mains power input, the emergency lighting unit will enter into a 3-hour duration test.
- Half year duration test: Conduct 3-hour duration test every 180-182 days to check the battery capacity.

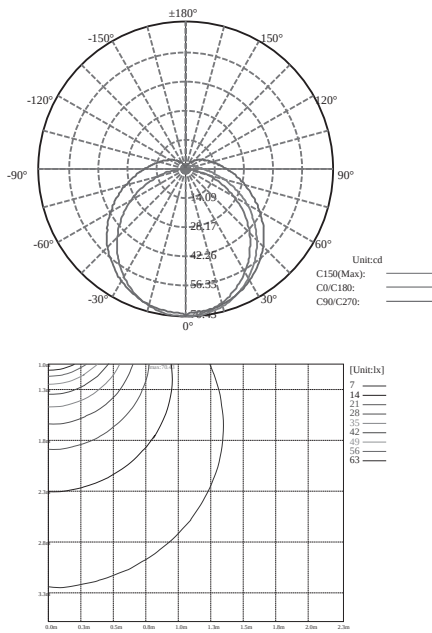
LED Indication	Status	Description
Permanent Green	Standby, SystemOK	Mains Operation, battery is charged
Fast flashing Green (0.25s on 0.25s off)	Function test underway	Function test underway
Slow flashing Green (1s on 1s off)	Duration test underway	Duration test underway
Permanent Red	Lamp failure	Open Circuit or Short circuit or LED failure
Fast flashing Red (0.25s on 0.25s off)	Battery capacity failure	Battery failed duration test
Slow flashing Red (1s on 1s off)	Battery fault	Incorrect battery voltage or Short circuit or Open Circuit
Green and Red off	Battery Operation	Emergency mode: Mains disconnected or Mains failure
Slow flashing Red (1s on 3s off)	Battery temperature error	When power on and battery temperature is above 60(+2) °C or below 0(+2) °C

Battery replacement

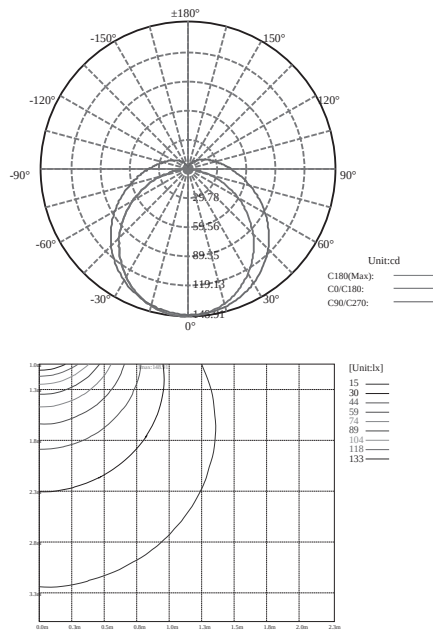
The installation must be carried out by our service agent or a certified electrician

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.

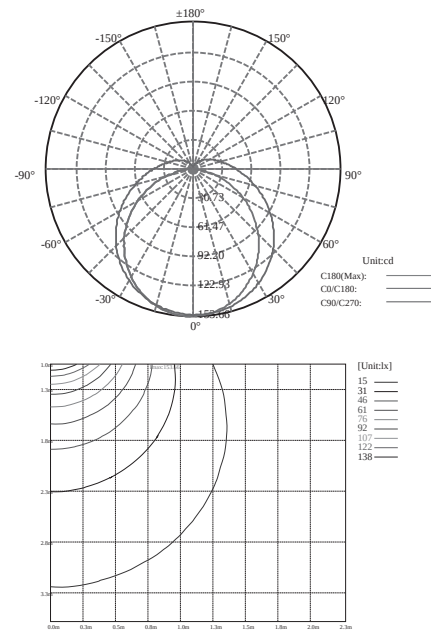
WP-P5-L06



WP-P5-L12



WP-P5-L15

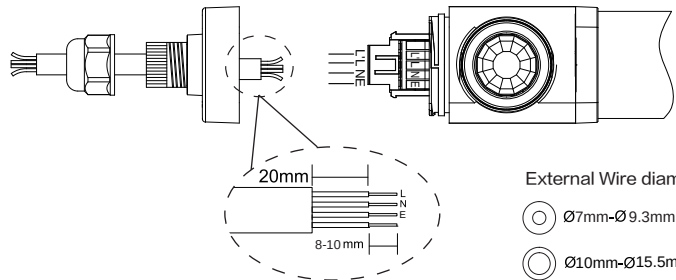
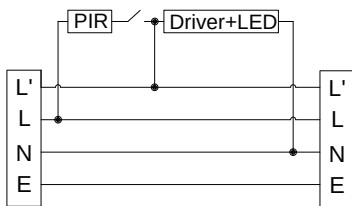


WARNING

- 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 $3 \times 1.0-5 \times 2.5 \text{ mm}^2$, 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.



Wiring for MD

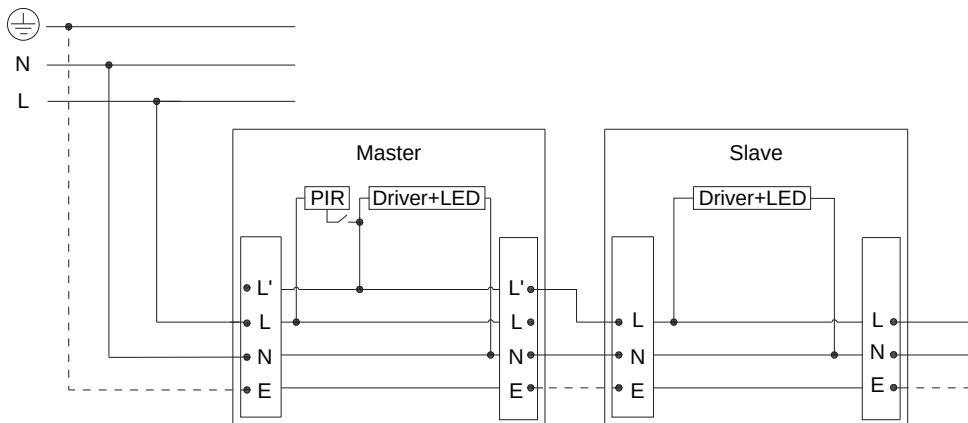


External Wire diameter

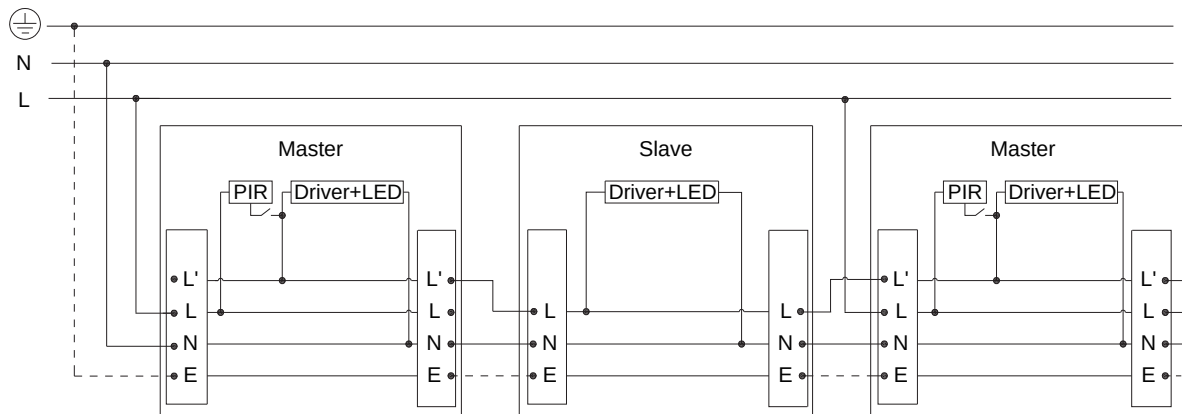
Ø7mm-Ø9.3mm

Ø10mm-Ø15.5mm

Master-Slave



Master-Slave-Master



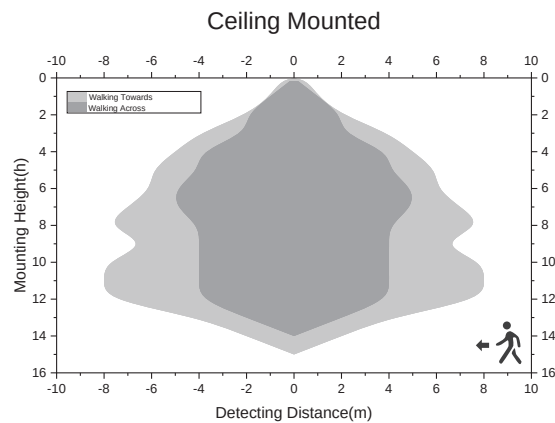
The load of a master luminaire sensor, including the luminaire where the sensor is located, other luminaires without sensors, and other luminaires with sensors, shall not exceed 400W.

Sensor

Detection Patterns



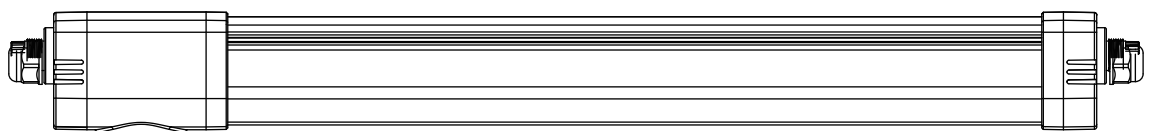
0.5-1.0M/S



This figure indicates the maximum distance at the highest mounting height with 100% sensitivity.

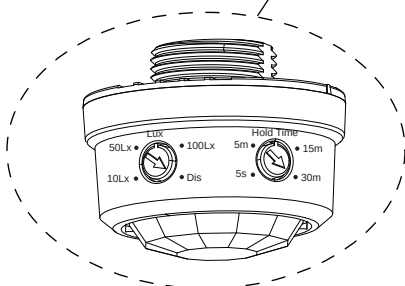
Wall mounted: the install height is 1.5~3m, sensor detection distance is 3~14m.

DIP Switch Setting



Sensor part (IP65 and IK03)

Except sensor part (IP66 and IK08)



Daylight Threshold

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

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

Performance

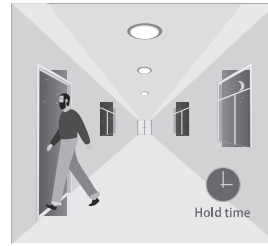
1. Automatic ON/OFF function



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



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



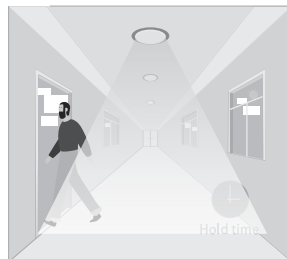
The sensor turns OFF light automatically after the holdtime when there's no motion detected.

2. Daylight Disabled

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.



After the first power-on, the sensor requires a 50-second Power-On Stabilization Time before normal operation. Please do not disconnect the power supply during this stabilization period. If the light blinks once during the process, there is no need to worry—as the sensor will work normally once the 50-second Power-On Stabilization is completed.

Terminals for supply cords, shall be suitable for connection to be made by solid wire only, and with additional safety precautions such as double or reinforced insulation.



Caution: Any operation on LED module is forbidden while power-on.

For type Y attachments:

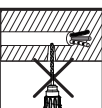
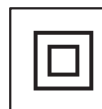
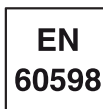
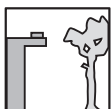
if the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by the manufacturer or his service agent or a similar qualified person in order to avoid a hazard.



The light source in this luminaire is not user-replaceable. It must only be replaced by the manufacturer, an authorized service agent, or a similarly qualified professional.



For use in environments where normal non-conductive/conductive dust accumulation may be expected, not for use in environments with expected high/unusual dust accumulation.



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