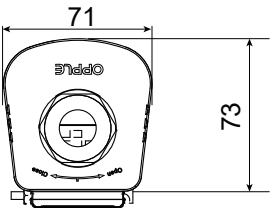
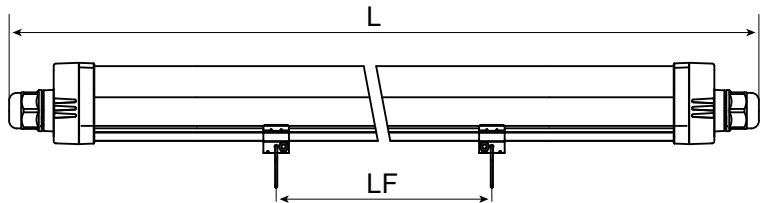
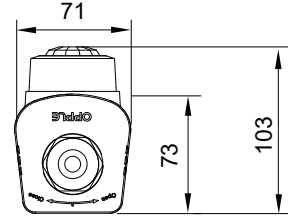
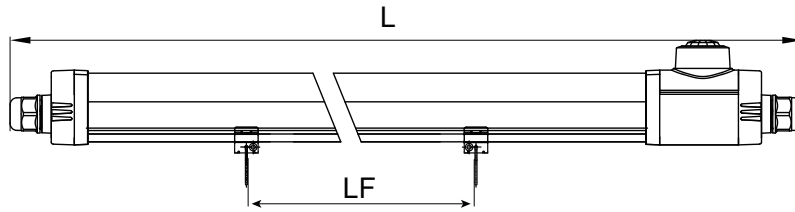


LED Waterproof Performer G5



| Product Code | Model                         | CCT         | lm<br>(with DC input<br>rated voltage:<br>220-240VDC) | Weight(kg) | L(mm) | LF(mm) | Application<br>Temperature<br>(°C) | EOF <sub>I</sub><br>(with DC input<br>rated voltage:<br>220-240VDC) | Max total<br>luminaires<br>using<br>1.5mm <sup>2</sup><br>wire<br>(X/Y)* | Max total<br>luminaires<br>using<br>2.5mm <sup>2</sup><br>wire<br>(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-L06-12W/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-L06-12W-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<br>(with DC input<br>rated voltage:<br>220-240VDC) | Weight(kg) | L(mm) | LF(mm) | Application<br>Temperature<br>(°C) | EOF <sub>i</sub><br>(with DC input<br>rated voltage:<br>220-240VDC) | Max total<br>luminaires<br>using<br>1.5mm <sup>2</sup><br>wire<br>(X/Y)* | Max total<br>luminaires<br>using<br>2.5mm <sup>2</sup><br>wire<br>(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 1.5mm<sup>2</sup> wire and 2.5mm<sup>2</sup> wire, X is for low wattage, Y is for high wattage.

## Light Source

| Product Code | Product Description                      | N | Light Source Code | Energy<br>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 |                   |                                                                                       |                                                                                       |

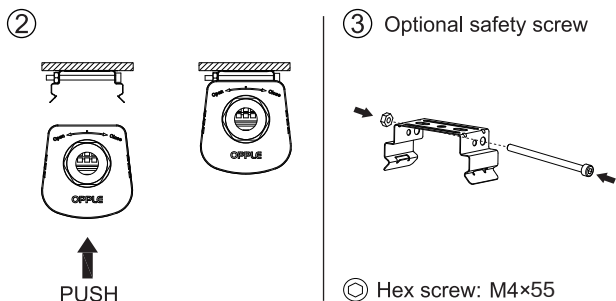
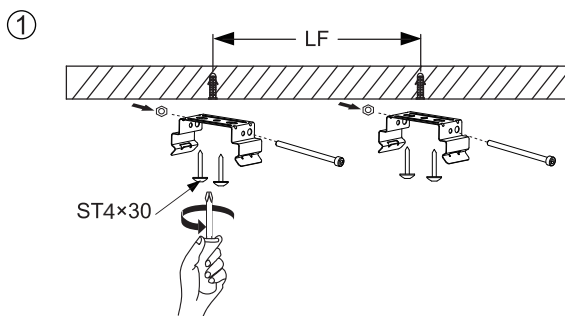
| Product Code | Product Description                     | N | Light Source Code | Energy Label | QR Code |
|--------------|-----------------------------------------|---|-------------------|--------------|---------|
| 531000036800 | LEDWaterproof-P5-L12-34W-DALI-TW        | 1 | LS403101574000    |              |         |
| 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).

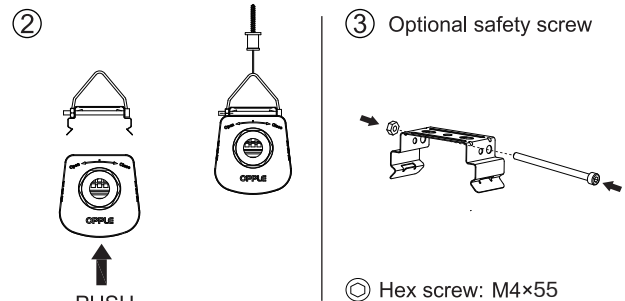
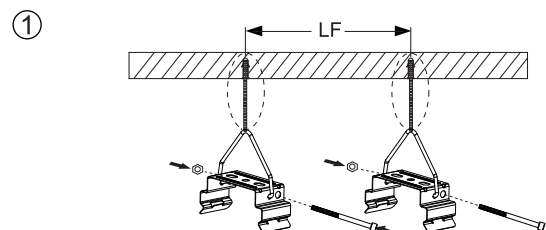
Bluetooth Operating frequency: 2402-2480 MHz, Bluetooth Max Transmission Power: <10dBm

## Installation

### Surface Mounting



### Suspension Mounting



### Components



## Wiring

**①**

**② For Static/BLE versions**

**For Plus/Plus-EM versions**

**For DALI/DALI-EM versions**

**For Static&BLE-EM versions**

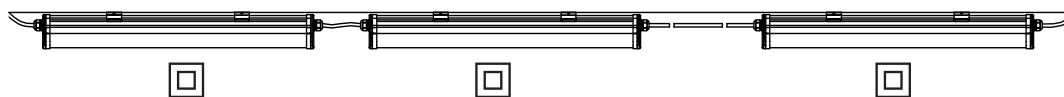
**For MD versions**

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

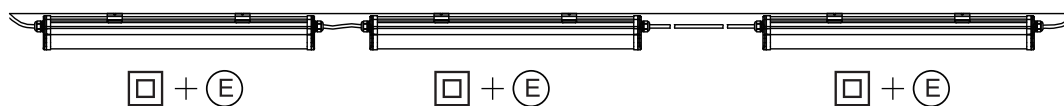
**③**

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.

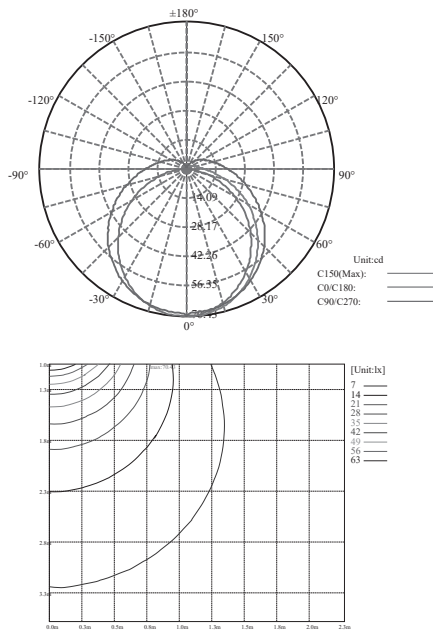
| LED Indication                           | Status                    | Description                                                                |
|------------------------------------------|---------------------------|----------------------------------------------------------------------------|
| Permanent Green                          | Standby, System OK        | 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

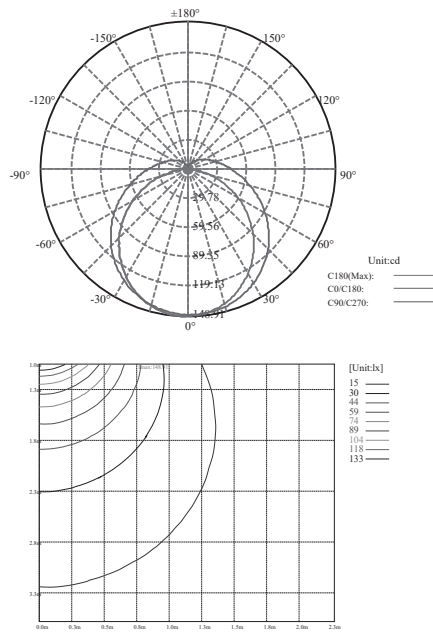
The installation must be carried out by our service agent or a certified electrician

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.

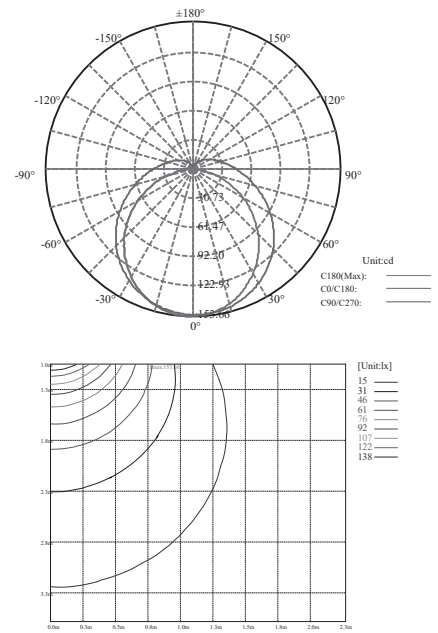
## WP-P5-L06



## WP-P5-L12



## WP-P5-L15

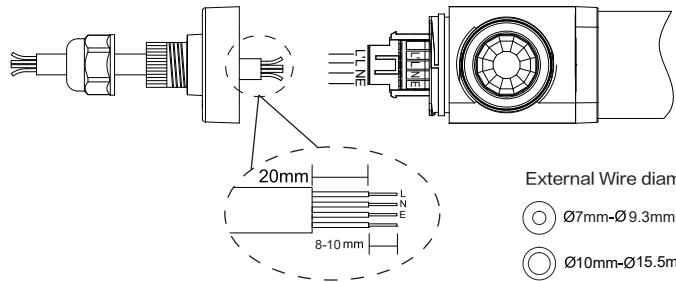
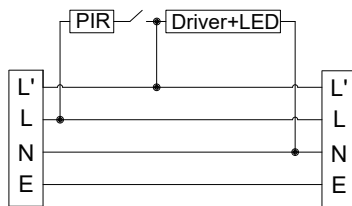


### WARNING

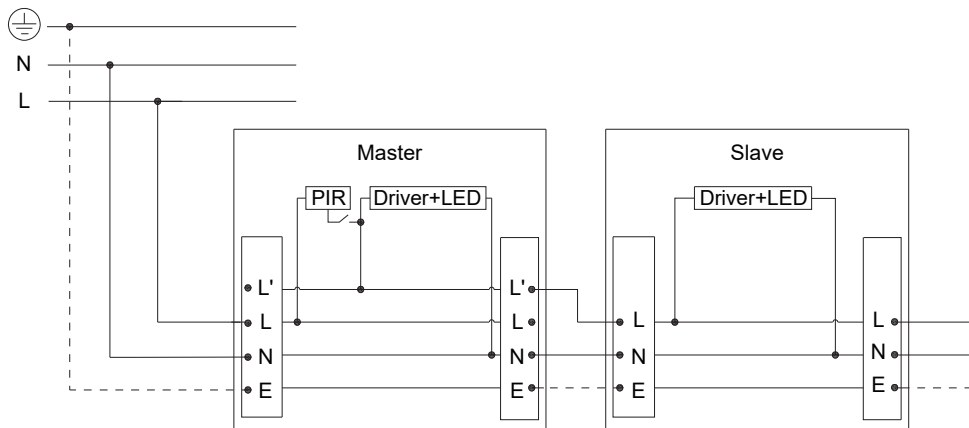
- 1.L terminal should be permanently connected to the supply, otherwise the battery cannot be charged and the product will be unable to change to emergency mode.
- 2.L1 can be disconnected if maintained function is unexpected.
- 3.The input cable should be  $3 \times 1.0-5 \times 2.5 \text{ mm}^2$ , 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.



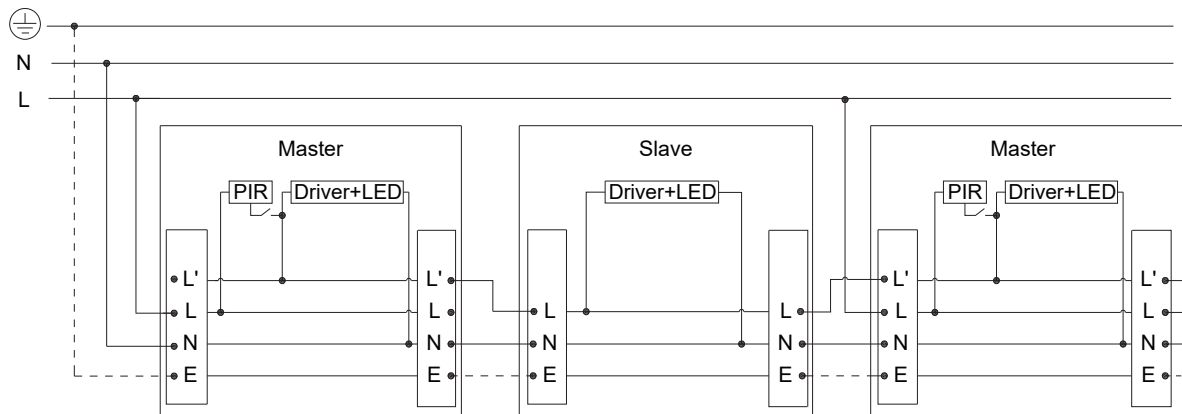
## Wiring for MD



## Master-Slave



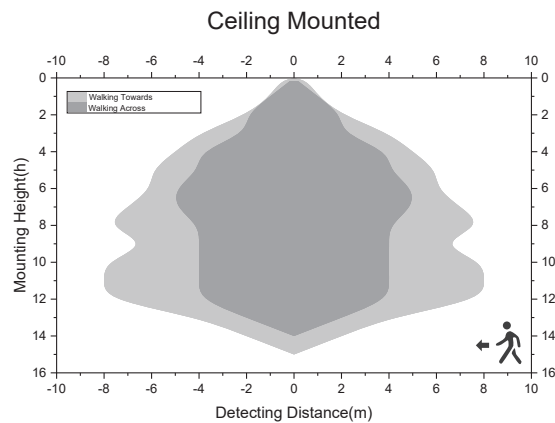
## Master-Slave-Master



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

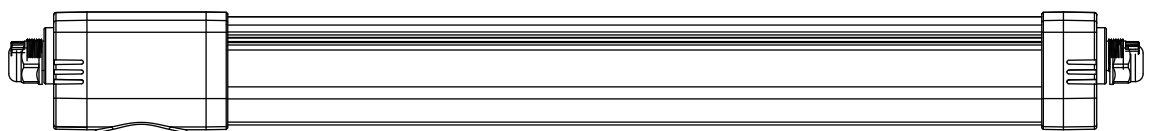
### Detection Patterns



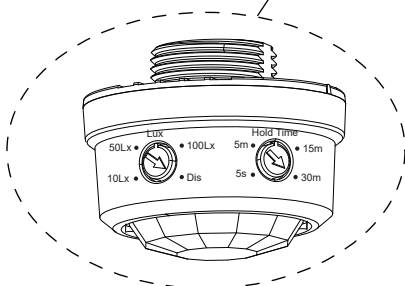
This figure indicates the maximum distance at the highest mounting height with 100% sensitivity.

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

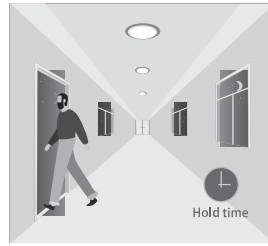
### 1. Automatic ON/OFF function



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:

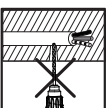
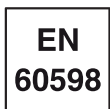
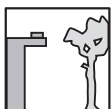
if the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by the manufacturer or his service agent or a similar qualified person in order to avoid a hazard.



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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