# PHILIPS

## Ledinaire
## Wall mounted

### WL070V

3X
ST3.9 x 25

6X
Screw cover

P1

CE | D | indoor | outdoor | □ | IP65 | IK08 | Ta 25 °C | Max. 40°C Min. -20°C | GLOW WIRE 850 °C
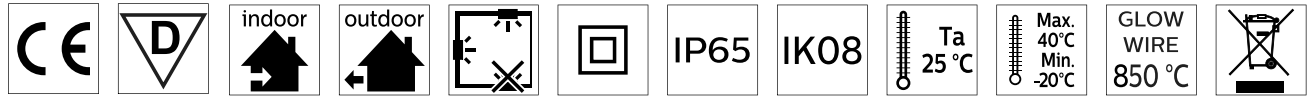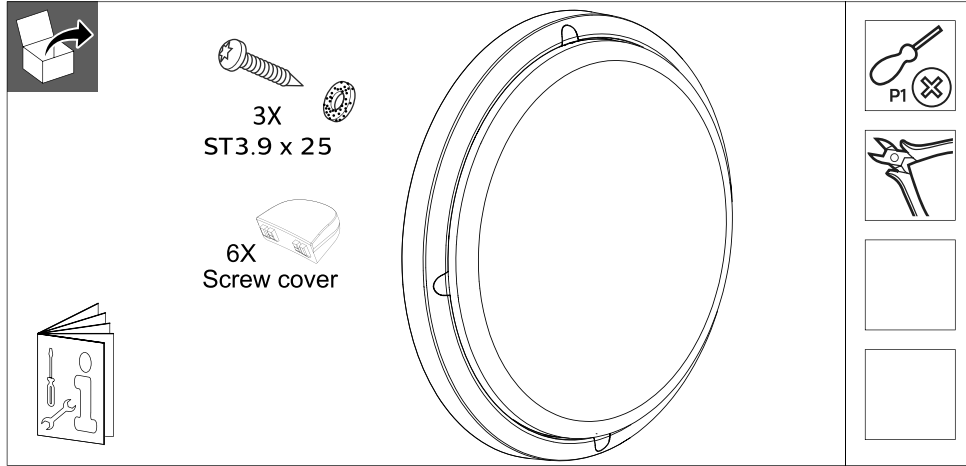
| | CCT(K) | Lumen (lm) | Light source of energy efficiency class | P(W) | Driver | Options | 220V 240V | 50Hz 60Hz | kg |
|---|---|---|---|---|---|---|---|---|---|
| WL070V LED11S | 3000/4000 | 1100 | D | 11 | PSU | NA | | | 0.58 |
| WL070V LED17S | | 1700 | E | 17 | | NA | • | • | |
| | | 1700 | E | 19 | | MDU | | | 0.61 |

### Dimensions in mm

64

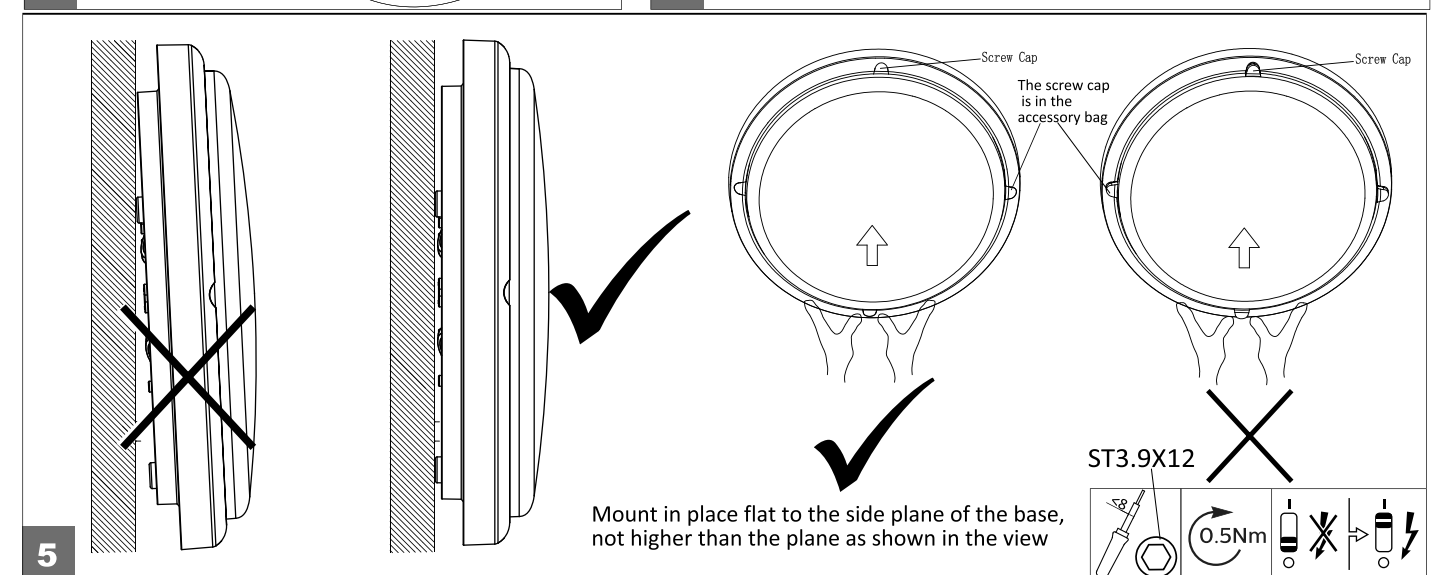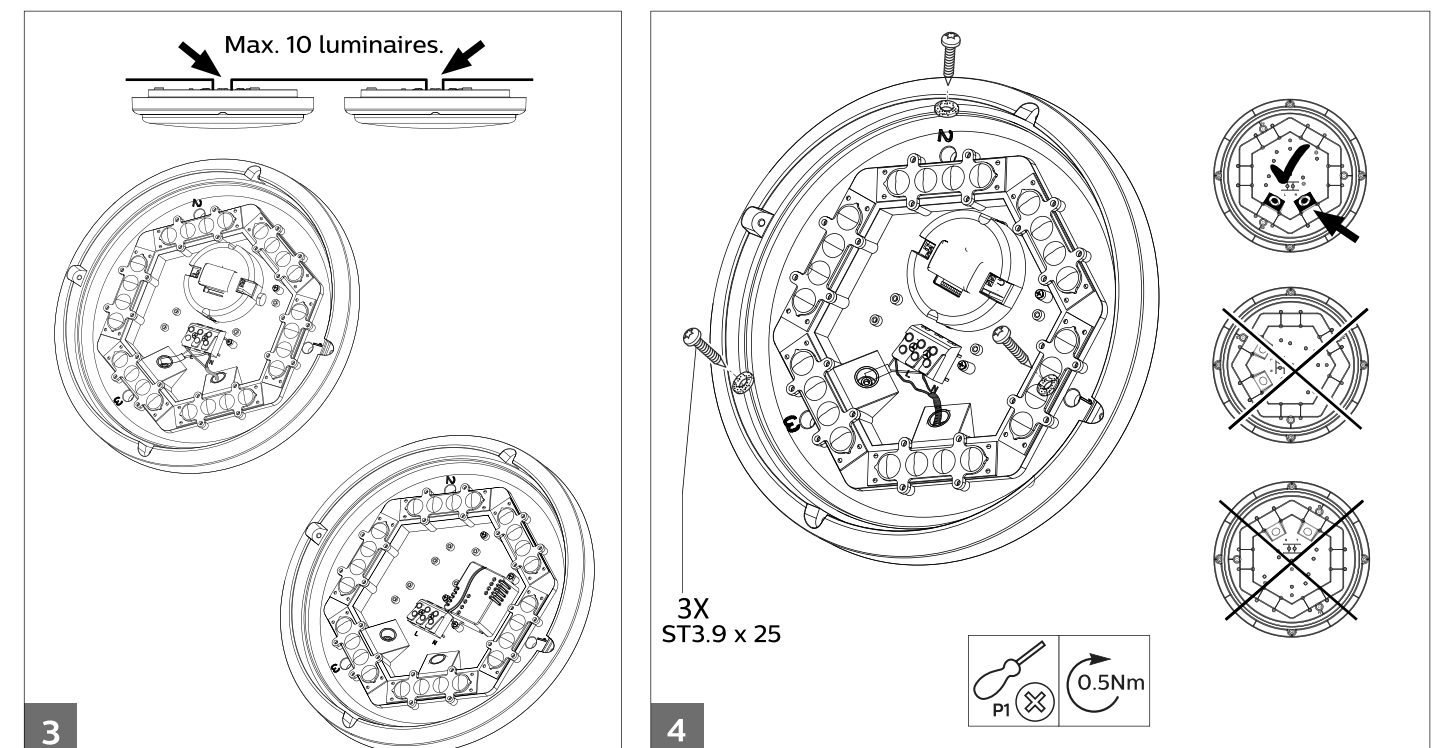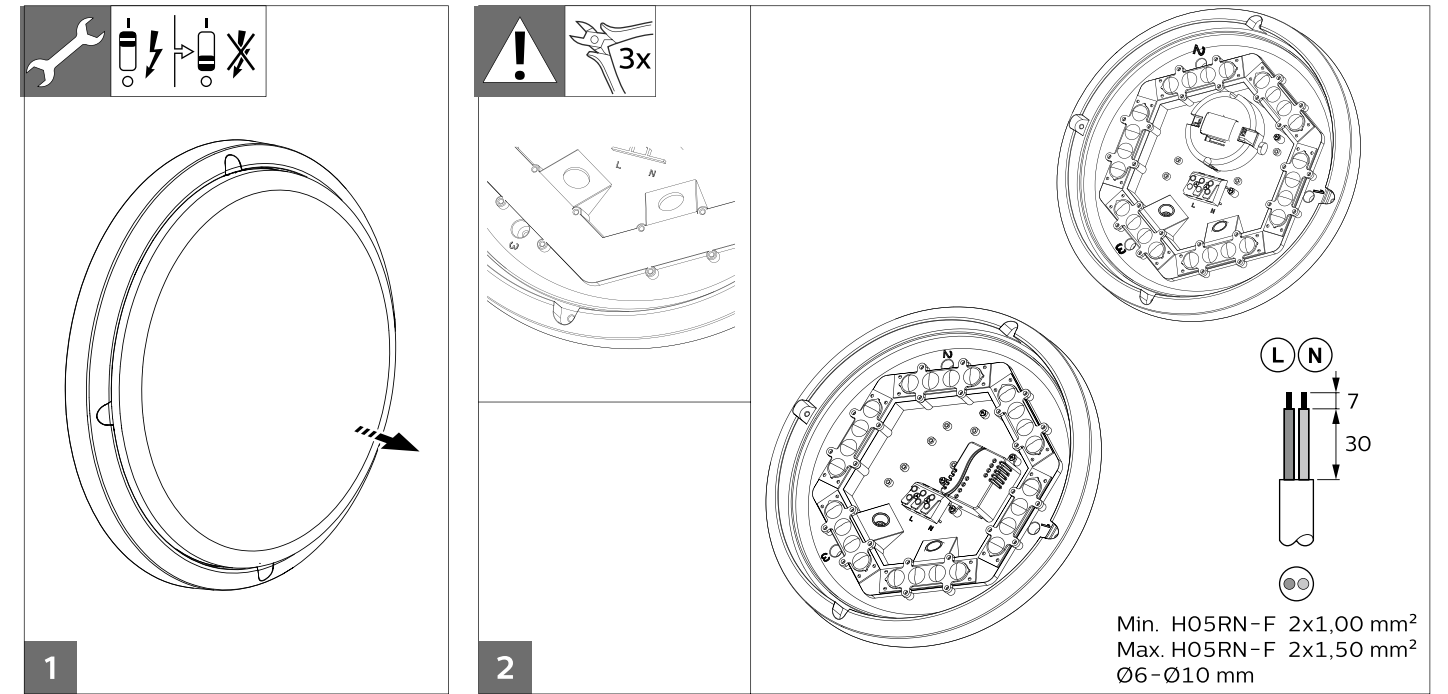285

173

21    35

87

150
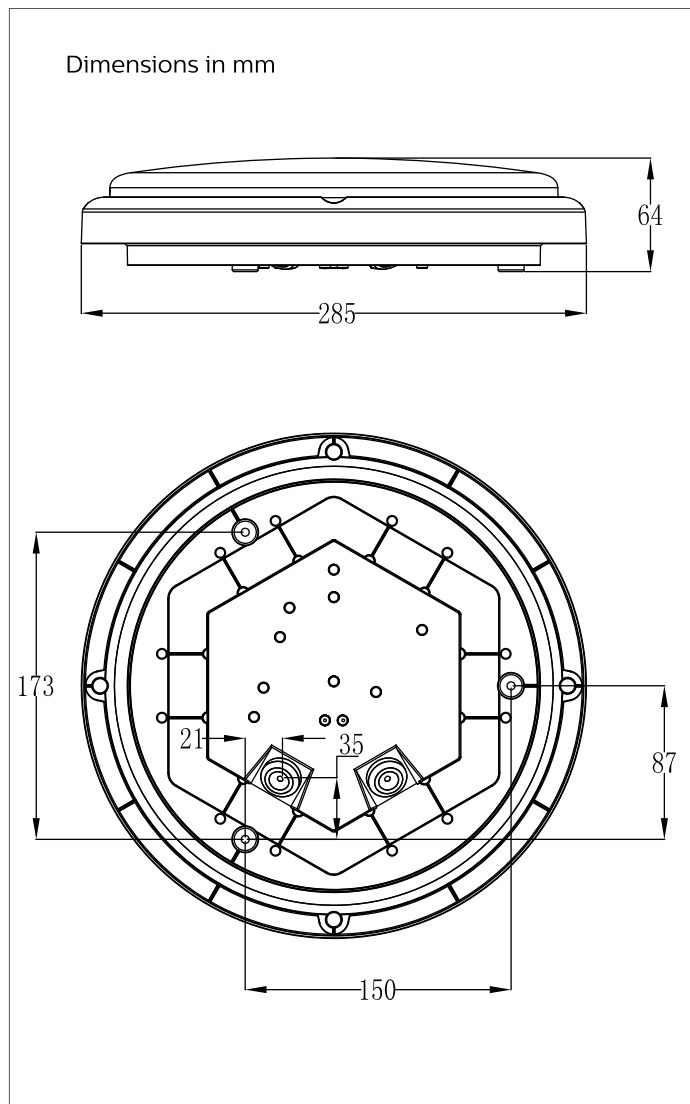
### ⚠ ATTENTION

OBSERVE PRECAUTIONS FOR HANDLING
**ELECTROSTATIC SENSITIVE DEVICES**

- The luminaire shall be installed by a qualified electrician and wired in accordance with the latest IEE electrical regulations or the national requirements.
- This luminaire is not suitable for use as emergency lighting. The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person.
- For use in environments where an accumulation of conductive dust on the luminaire may be expected.
- For outdoor operation at a building: only when all its cables run indoor ,with a maximum distance of 10 meter

### Inrush current

| | LED11S | LED17S |
|---|---|---|
| | Electrical characteristics | |
| Imax (A) | 10 | 13 |
| Tref (μs) | 1.9 | 2.2 |
| MCB | Luminaires Max. | |
| B-10 A | 22 | 22 |
| B-13 A | 28 | 28 |
| B-16 A | 35 | 35 |
| C-10 A | 36 | 36 |
| C-13 A | 46 | 46 |
| C-16 A | 57 | 57 |

I mains (A)

I max

max/2

I nom.

Time (us)

Tref

---

**1**

**2**

3x

L | N

7

30

Min.  H05RN–F  2x1,00 mm²
Max. H05RN–F  2x1,50 mm²
Ø6–Ø10 mm

**3**

Max. 10 luminaires.

**4**

3X
ST3.9 x 25

P1    0.5Nm

**5**

Screw Cap

The screw cap is in the accessory bag

Screw Cap

ST3.9X12    0.5Nm

Mount in place flat to the side plane of the base, not higher than the plane as shown in the view

## HF Motion Sensor (For WL070V LED17S MDU only)

By selecting the combination on the DIP switch, sensor data can be precisely set for each specific application.

HF Motion Sensor
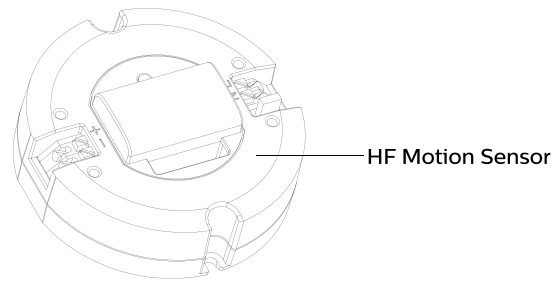
| | 1 | |
|---|---|---|
| I | ON | 100% |
| II | - | 50% |

**Detection area**. (default 100%) show patterns.

Detection area can be reduced by selecting the combination on the DIP switches to fit precisely each application.

| | 2 | 3 | |
|---|---|---|---|
| I | ON | ON | 5S |
| II | ON | - | 1min |
| III | - | ON | 5min |
| IV | - | - | 10min |

**Hold time**. (default 5 min.)

Refers to the time period the lamp remains at 100% illumination after no motion detected

| | 4 | 5 | |
|---|---|---|---|
| I | ON | ON | 5Lux |
| II | ON | - | 25Lux |
| III | - | ON | 50Lux |
| IV | - | - | Disable* |

**Daylight sensor**. (default 25 lux.)

The sensor can be set to only allow the lamp to illuminate below a defined ambient brightness threshold
When set to Disable mode, the daylight sensor will switch on the lamp when motion is detected regardless of ambient light level.
50 lux: twilight operation, 5 lux: darkness operation only.

| | 8 | |
|---|---|---|
| I | ON | 10% |
| II | - | 25% |

**Stand-by dimming level**. (default 25%)

The low light level you would like to have after the hold time in the long absence of people.

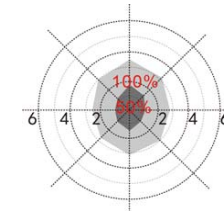| | 6 | 7 | |
|---|---|---|---|
| I | ON | ON | 0S |
| II | ON | - | 1min |
| III | - | ON | 10min |
| IV | - | - | +∞ |

**Stand-by period**. (default 10 min.)

Refers to the time period the lamp remains at a low light level before it completely switches off in the long absence of people.
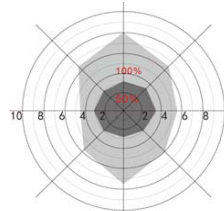When set to'∞'mode, the low light is maintained until motion is detected.

## Detection area(radiaion pattern)

Ceiling mounting
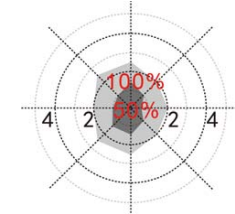
Ceiling mounted height: 3m
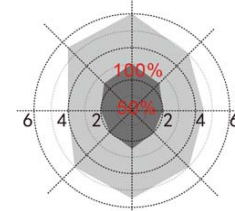Sensitivity: 100%/50%



Normal moving (Speed:1m/s)

Ceiling mounted height: 6m
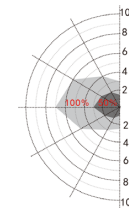Sensitivity:100%/50%



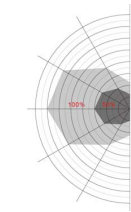Normal moving (Speed:1m/s)



Slow moving (Speed 0.3m/s)



Slow moving (Speed: 0.3m/s)

Wall mounting:

Horizon mounted height: 2m
Sensitivity: 100%/50%



Normal moving (Speed: 1m/s)



Slow moving (Speed 0.3m/s)

**Notes:**
1. The Ledinaire Wall-mounted needs to be installed side-by-side in the same direction. The distance between each of the luminaires should be kept at least 3m to avoid mutual interference.
2. Please pay attention to the installation environment:
2.1. Avoid high-density objects such as: metal, glass, concrete walls, etc., within the sensor detection area.
2.2. Avoid moving signals within the sensor detection area such as: fan, DC motor, sewer pipe, air outlet, heavy rainfall, motion behind a thin wall etc. This to avoid false triggers of the sensor.
2.3 Avoid shock & vibration in the environment of the application.
3. In order to reach the common sensor distance the object move speed should be less than 1m/S . If an object moves with speed higher than 1m/s the detection distance will decrease.
4. It is advised not to install a luminaire on a wooden surface. In case it must be installed on a wooden surface, the wood thickness must be more than 15cm.
5. To avoid smaller detection range or abnormal operation, the Ledinaire Wall-mounted should not be installed in close distance to large areas of metal and glass (separation distance at least 1 m).
Please reduce detection area setting or contact Signify to confirm the situation once the Ledinaire Wall-mounted works fails.

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