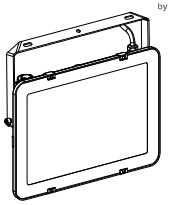
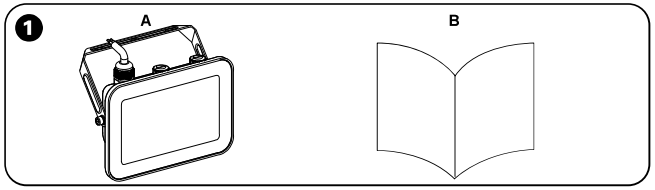
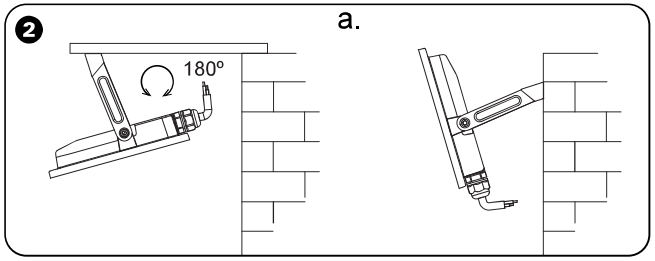
en

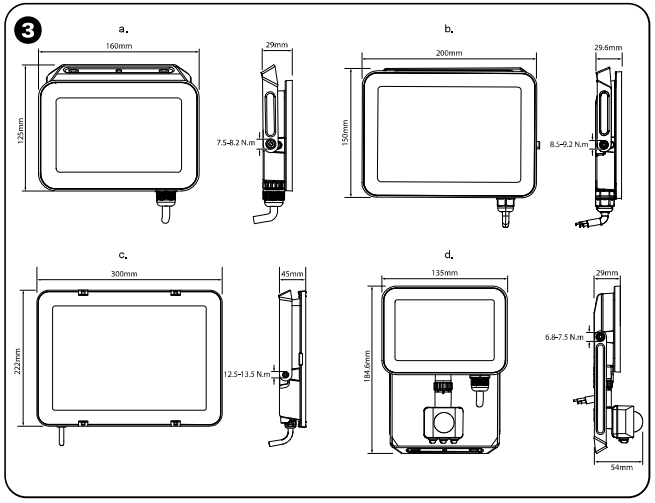
CLIPSAL by Schneider Electric

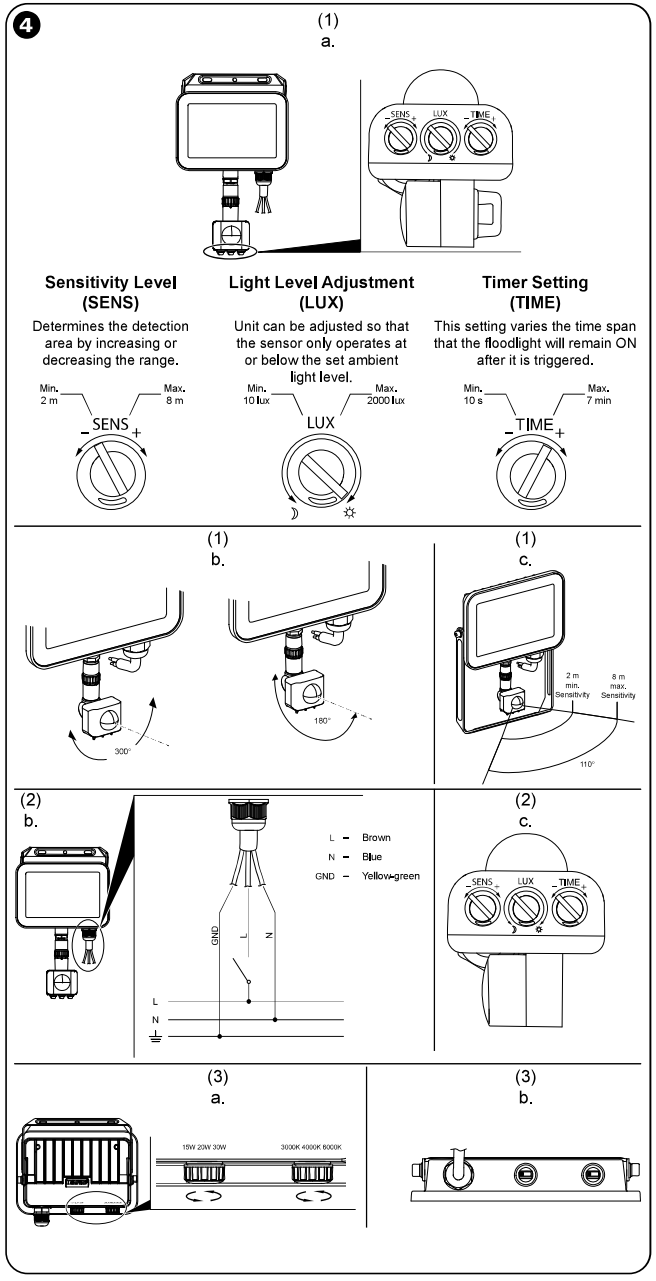


TPFLT Series




## en LED Floodlight

### Product Range

| Cat No. | Configuration |
|---|---|
| TPFLT30PSC | LED Floodlight, Power Selectable 30W/20W/15W, Colour Selectable (3000K-4000K-6000K), IP65 |
| TPFLT50 | LED Floodlight, 50W, 4000K,IP65 |
| TPFLT100 | LED Floodlight, 100W, 4000K, IP65 |
| TPFLT20SEN | LED Floodlight, 20W, 4000K, IP65, with PIR sensor |

### Available accessories

| | |
|---|---|
| TPFLTSENMOD | Replaceable PIR sensor module |

### 1 Package contents

**A** LED Floodlight
**B** Installation guide

### 2 Mounting and installation

**⚠⚠ DANGER**

**HAZARD OF ELECTRIC SHOCK**

- This product must be installed and serviced by appropriately qualified and/or licenced electrical personnel.
- Isolate the electrical supply before doing any work on this product.
- Ensure that the product has been correctly installed and tested for safe operation before reconnecting the electrical supply.
- To comply with all safety standards, the product must be used only for the purpose described in this instruction and must be installed in accordance with the wiring rules and regulations in the location where it is installed.
- The external flexible cable or cord of this luminaire cannot be replaced; if the cord is damaged, the luminaire shall be destroyed.

**Failure to follow these instructions will result in death or serious injury.**

**⚠ CAUTION**

**RISK OF BURN INJURIES**

During and after use, the product may be hot. Do not touch the product before it has completely cooled down.

These device could withstand the wind at the speed of below 150km/h on the projected surface according the clause 5.6.5 of AS/NZS 60598.2.5

**Failure to follow these instructions can result in minor injuries or equipment damage.**

**⚠ WARNING**

**SERIOUS EYE INJURY**

- Do not operate with wet hands, and never look directly into the LED light source while it's lighting to avoid damage to the eyes.
- The light source of this luminaire is not replaceable; when the light source reaches its end of life the whole luminaire shall be replaced.
- This luminaire may be installed higher than 5m, constituted with a glass that fractures into small pieces.

**Failure to follow these instructions can result in death, serious injury, or equipment damage.**

### Installation requirements

- Check whether the product has been damaged during transport. Do not operate/install any product which appears damaged in any way. Return the complete downlight to place of purchase for inspection, repair or replacement.
- Take care not to pull any electrical wires during unpacking, as this may damage the connection.
- Isolate the electrical supply before commencing any installation.
- There are no user serviceable parts inside.

### Installation Instruction

- Remove all packaging material from the product
- Use mounting bracket to mark hole centres for fixing.
- Secure mounting bracket using appropriate fasteners. Safely terminate wiring, paying particular attention to all markings

**a. Mounting options - TPFLT Series**

### 3 Dimensions

**a. TPFLT30PSC**
**b. TPFLT50**
**c. TPFLT100**
**d. TPFLT20SEN**

### 4 Sensor adjustment procedure

**(1) TPFLT20SEN only**

**a.** When the power is on, the unit will be able to detect movement within the adjustable sensor range. There are 3 adjustment settings on the bottom of the sensor unit for Light Level Adjustment (LUX), Timer Setting (TIME), and Sensitivity Level (SENS).

**b.** Sensor alignment

**c.** Sensor detection area

**(2) Commissioning procedure**

**TPFLT20SEN only**

**a. MANUAL OVERRIDE FUNCTION:**

- The light can stay ON for longer time periods by using the manual override function.
- Under PIR Mode,simply turn off/on/off/on the power within 3 seconds, then the unit will be in Override Mode and the light will stay ON.
- To switch back to PIR Mode, turn off the power, and 10 seconds later, turn it back on.

**b. INSTALLATION:**

- Switch off the power.
- Screw off the nail on the front cover. Open the wire hole. The power wire and the load wire are bored in the bottom.
- Connect the power and the load with the connection-wire column according to the connect-wire figure as following part.
- Fix the front cover of sensor, please screw the nail and switch on the power. So you can test it.

**c. TEST :**

- Turn the SENS knob clockwise on the maximum, turn the TIME knob anti-clockwise on the minimum, turn the LUX knob clockwise on the maximum(SUN).
- When you switch on the power, the controlled load is not working. Preheat 30 seconds later, when the sensor gets the induction signal, the load will be turned on. After the load is turned off, it will be turned on again when the sensor gets induction signal within 10±3 sec.
- After the first is out, make it sense again after 10±3 sec. The load should work.
- When there is no induction signals in the sensor, the load should be stopped working.
- Turn LUX knob anti-clockwise on the minimum. If it is adjusted in the less than 10 LUX (dark), the load and sensor should not work when testing in daylight. If you cover the detection window with the op aque objects (towel etc), the load work. Under no induction signal condition, the load should stop working within 10±3 sec.

**NOTE:** when testing in daylight, please turn LUX knob to ☼ (SUN) position, otherwise the sensor lamp could not work!

**(3) Commissioning procedure**

**TPFLT30PSC only**

**a.** Rotate anti-clockwise to remove the cap

**b.** Switches:
Left one is for power selection:15W/20W/30W, right is for color temperature selection:3000K/4000K/6000K

PKR5452100-01 05/23

## Dimming

The product series is not dimmable.

## Troubleshooting

Problem: Lights turn on for no apparent reason

| Possible cause | Possible resolution |
|---|---|
| Momentary power failure | None, unit will reset after a time-out |
| Unseen target | Check for dogs, cats or pests |
| Extreme draughts of hot or cold | None, unit will reset after a time-out |
| Tree branches or bushes moved by wind | None, unit will reset after a time-out |
| Vehicle or pedestrian traffic on edge of field of view | None, unit will reset after a time-out |

Problem: Light turns on during daylight

| Possible cause | Possible resolution |
|---|---|
| Wrong setting on LUX | Reset according to Commissioning Procedure |

Problem: Light does not turn on in dim / dark conditions

| Possible cause | Possible resolution |
|---|---|
| Wrong setting on LUX | Reset according to Commissioning Procedure |

Problem: Light remains permanently on

| Possible cause | Possible resolution |
|---|---|
| Moving source being detected | Remove unwanted source. If unable to resolve, reposition the sensor head (horizontally and vertically). The light should turn off after a time out. If the light remains on, call the Installer. |

**NOTE:** Do not mount too close to air conditioner vents, flues, water fountains, sprinklers or pet doors.

## Technical data

For models: TPFLT30PSC, TPFLT50, TPFLT100, TPFLT20SEN
The product is class I

| Parameter | Rating |
|---|---|
| Voltage Rating | 220 VAC to 240 VAC, 50 Hz |
| IP Rating | IP65 |
| Beam Angle | 110 degrees |
| Colour Rending Index | > 80 |
| Lifespan | 50,000 hrs |
| Cord length | 900 mm |
| Operating Temperature | -20 ˚C to + 40 ˚C |
| Operating Humidity | 10% to 95% RH, non-condensing |
| Storage Temperature | 0 ˚C to + 60 ˚C |
| Storage Humidity | 10% to 95% RH, non-condensing |

For model: TPFLT30PSC

| Parameter | Rating |
|---|---|
| Colour Temperature | Selectable 3000K-4000K-6000K |
| Power Consumption | Selectable 30W-20W-15W |
| Power factor | > 0.9 |
| Current | 125mA@240V |
| Max projected Area (mm²) | 20000 |
| Weight (g) | 530 |
| Lumen Output | 3000lm - 2000lm - 1500lm |
| Dimensions (LxWxH) | 160mm X 125.4mm x 29mm |

For model: TPFLT50

| Parameter | Rating |
|---|---|
| Colour Temperature | 4000K |
| Power Consumption | 50W |
| Power factor | > 0.9 |
| Current | 210mA@240V |
| Max projected Area (mm²) | 30000 |
| Weight (g) | 750 |
| Lumen Output | 5250lm |
| Dimensions (LxWxH) | 200mm X 145.5mm x 29.6mm |

For model: TPFLT100

| Parameter | Rating |
|---|---|
| Colour Temperature | 4000K |
| Power Consumption | 100W |
| Power factor | > 0.9 |
| Current | 420mA@240V |
| Max projected Area (mm²) | 66000 |
| Weight (g) | 1818 |
| Lumen Output | 10500lm |
| Dimensions (LxWxH) | 300mm X 222.1mm x 45mm |

For model: TPFLT20SEN

| Parameter | Rating |
|---|---|
| Colour Temperature | 4000 K |
| Power Consumption | 20W |
| Power factor | > 0.7 |
| Current | 112mA@240V |
| Max projected Area (mm²) | 12825 |
| Weight (g) | 470 |
| Lumen Output | 2100lm |
| Dimensions (LxWxH) | 135mm X 184.6mm x 54mm |
| Sensor Detection Angle | 110˚ |
| Sensor Time Span | 10s to 7min |
| Sensor Lux Level Range | 10 lux to 2000 lux |
| Sensor Sensitivity Range | 2m to 8m |

## Warranty Information (Australia)

We warrant this product for 3 years—visit **https://www.schneider-electric.com.au/en/about-us/legal/terms-and-conditions.jsp** for details.

Our goods also come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

## Warranty information (New Zealand)

We warrant this product for 3 years—visit **https://www.schneider-electric.co.nz/en/about-us/legal/terms-and-conditions.jsp** for details.

**Schneider Electric (Australia) Pty Ltd**
Customer Care: 13 73 28
33-37 Port Wakefield Road, Gepps Cross SA 5094
Email: customercare.au@schneider-electric.com
**www.schneider-electric.com.au**

**Schneider Electric (NZ) Ltd**
Customer Care: 0800 652 999
Building 6, 60 Highbrook Drive, East Tamaki, 2013, New Zealand
Email: sales@nz.schneider-electric.com
**www.schneider-electric.com**



PKR5452100-01 05/23