

FORO II STEP LIGHT WITH MOTION SENSOR

SKU# 300915

Rated Voltage 220-240V~ 50-60Hz

To ensure correct function and safety, please read and follow all instructions carefully before assembly, installation and use. Please keep instructions for future reference.

Warranty

- This luminaire is covered by a 3-year warranty. The warranty is from date of purchase, not the date of installation.
- If the luminaire is not assembled and installed by a licensed electrician, the warranty will be void.
- Please retain the proof of purchase and evidence of installation by a licensed electrician for any warranty enquiries.
- Warranty will be void if there is any damage due to improper usage or modification to the luminaire.
- This luminaire is not suitable for use with dimmer switches. Warranty will be void if the luminaire is used on the same circuit, which has a dimmer switch.
- Failure to comply with the instructions in this manual may increase the risk of damage or injury and will void the warranty.

Installation Requirements

- This luminaire must be assembled and installed by a licensed electrician.
- All wiring and installation of the luminaire must adhere to the latest local and national wiring rules.
e.g. AS/NZS 3000 Electrical Installations Do not exceed the maximum wattage rating.
- This luminaire is a Class II product and must be maintained during wiring and installation.
- Select a suitable location for installation.
 - This product is suitable for indoor use only.
 - The mounting point must support 2 times the weight of the luminaire.
 - This luminaire is suitable for wall mount only not suitable for ceiling mount.
 - If installing a luminaire in an area prone to moisture, ensure that the area is well ventilated, and an appropriately rated exhaust fan is used if required. Damage or corrosion caused by moisture is not a product fault, and as such is not covered under warranty.
 - If loose fill insulation or thermal insulation is not fixed into position or if there are loose combustible materials (e.g. leaves or combustible materials stored in the roof space), a barrier or guard is required as per the Clearance Information section in this instruction manual.
 - Take note of the clearance values. Do not remove any structural members for the installation of this luminaire.
 - It is recommended the luminaire is installed on its own switch and not interconnected with other luminaires on the same switch, as it may cause the luminaire to switch on unintentionally.
 - Avoid installing the luminaire in close proximity or on the same circuit to any fluorescent luminaires or ceiling fans. RFI interference may cause the luminaire to switch on unintentionally.
 - See the **Sensor Information** section in this instruction manual for additional information about the sensor detection range and sensitivity, to select a suitable installation location.
- This luminaire is not suitable for use with dimmer switches and should not be used with a circuit which has a dimmer.
- If the diffuser is damaged or cracked. For your safety, discontinue use and replace the diffuser.
- Take care not to pull any electrical wires during unpacking as this may damage the connection.
- Lay out all the components on a smooth surface and make sure there are no components missing before assembling. If parts are missing, return the complete product to the place of purchase for inspection or replacement.
- Check whether the luminaire has been damaged during transport. Do not operate/install any product which appears damaged in any way. Return the complete product to the place of purchase for inspection, repair or replacement.
- Ensure power to the circuit you are working on has been switched OFF before commencing any electrical work.

Sensor Information

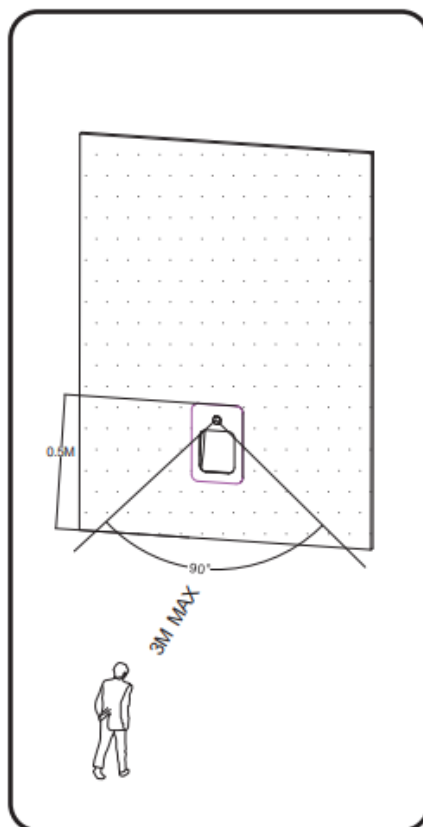
PIR (PASSIVE INFRA-RED) SENSOR:

The luminaire has a PIR (Passive Infra-Red) sensing device which continuously scans the operating zone and immediately switches the luminaire on when it detects any movement in that area. Whenever movement is detected within the sensor range, the luminaire will switch on automatically to illuminate the area.

NOTE: The luminaire will remain on, while there is movement within the sensor range.

SENSOR LOCATION & DETECTION:

- The ideal mounting height is between 0.5m
- The maximum detection area is approximately 3m away with an angle of 90°. The detection area will vary depending on the mounting height and items in the detection area.
- The sensor has increased sensitivity with movement across the detection area.
- The sensor has reduced sensitivity with movement towards and away from the detection area.
- If movement is made walking directly towards or away from the sensor and not across its detection area, the detection range will be substantially reduced.
- The detection area may also alter at different temperatures.
- To avoid damage to the sensor, do not aim the sensor towards the sun.
- To avoid false triggering:
 - The sensor should be directed away from potential heat sources such as air conditioners, exhaust vents etc.
 - Avoid areas with strong electromagnetic disturbance, outside lighting, moving cars, trees, pets etc.
 - Do not aim towards reflective surfaces, such as smooth white walls, swimming pools, ponds etc.
 - It is recommended the luminaire is installed on its own switch and not interconnected with other luminaires on the same switch.
 - Avoid installing the luminaire in close proximity or on the same circuit to any fluorescent luminaires or ceiling fans. RFI interference may cause the luminaire to switch on unintentionally.



Installation Directions

1. Remove all packaging material from the product and be careful not to throw away accessories that may be hidden within the packaging.
2. Select a suitable place for installation. See the installation requirements on page 1.
3. Cut out a rectangle installation hole:
 - 65mm x 110mm and a mounting depth of 55mm (Without mounting box)
 - 70mm x 119mm and a mounting depth of 62mm (With mounting box - Sold separately)
4. Remove the cover from the LED driver.
5. Connect the mains supply wire to the primary/input side of the LED driver.
6. Ensure that the wires are secure, and no bare wires are exposed.

Mains Supply Wire

Neutral – Blue or Black

Live – Brown or Red

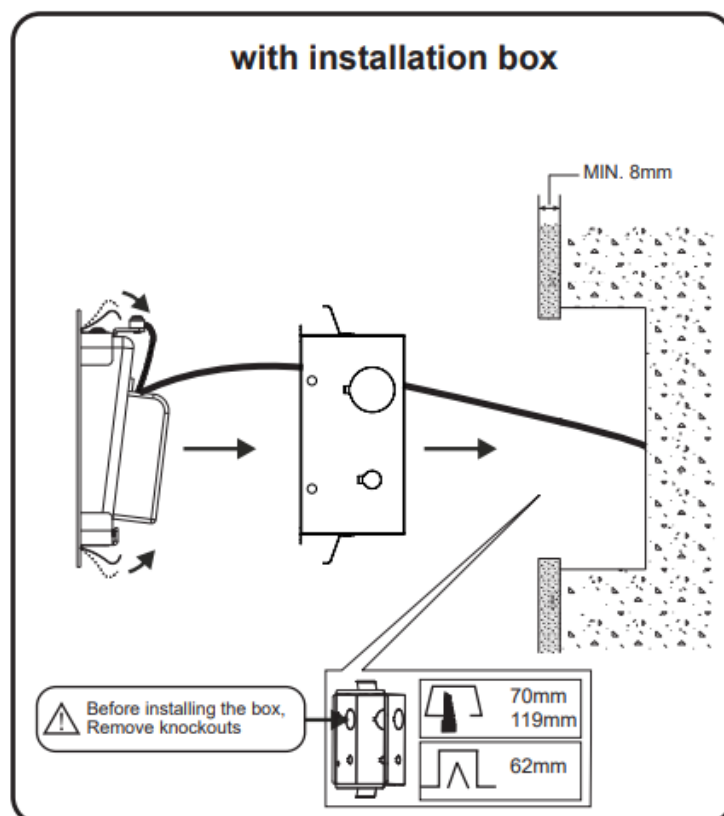
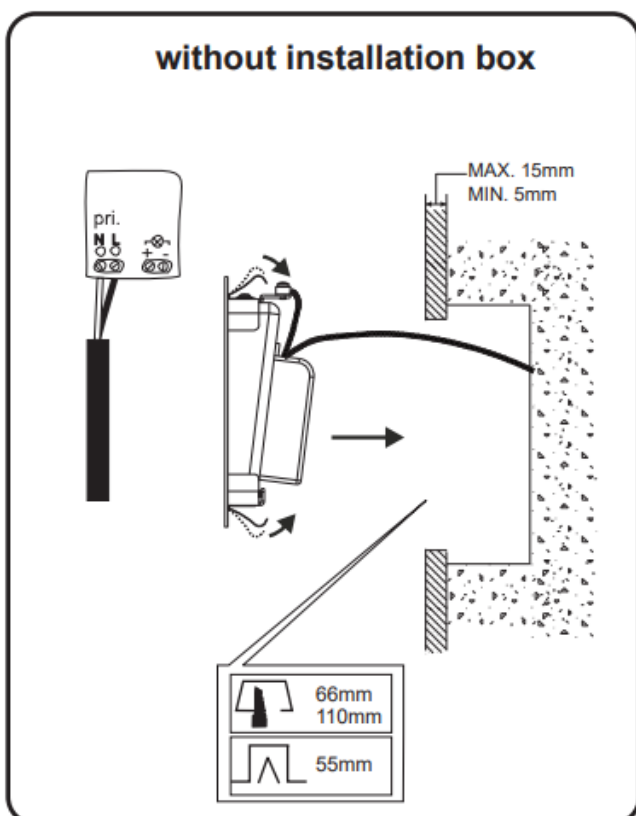
Primary/Input side of LED driver

N (Neutral)

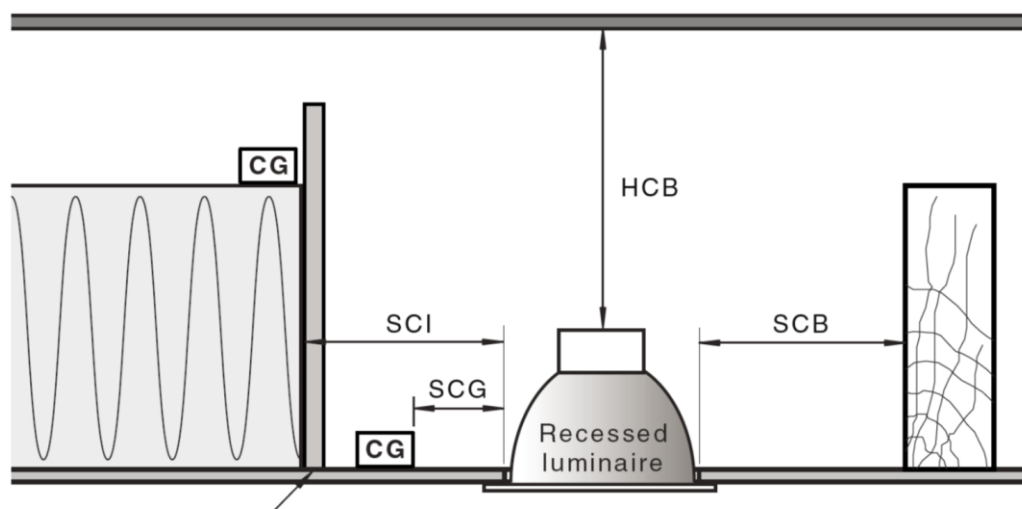
L (Live)

NOTE: This luminaire is a Class II product and must be maintained during the wiring and installation.

7. Push the clips in and insert the luminaire into the cut-out hole.
8. Ensure all the clearance values are maintained during and after installation of the luminaire.
Please refer to the Clearance Information section and the Do not cover rating section in this instructions for further details.
9. After the installation, switch on the luminaire to test all the lighting functions and enjoy your new luminaire.



Clearance Information – AS/NZS 3000 Wiring Rules

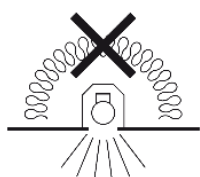


FIXED GUARD REQUIRED WHERE:-

- insulation materials are not secured in position;
- loose materials are present.

LOCATION	DISTANCE	DESCRIPTION
HCB	10 mm (Minimum)	Clearance between the top of the recessed luminaire and any combustible materials, building elements or objects above it.
SCB	10 mm (Minimum)	Clearance between the side of the recessed luminaire and any combustible materials, building elements or objects.
SCI	10 mm (Minimum)	Clearance between the side of the recessed luminaire and any insulation.
SCG	N/A	Luminaire with built-in CG (Control Gear)

Do Not Cover Rating – AS/NZS 60598.2.2 : 2016 (Recessed Luminaire)



A recessed luminaire that can be used where normally flammable materials, including building insulation, are or may be present, but cannot be abutted against any material and cannot be covered in normal use.

- The declared Do Not Cover rating is based on the default testing ambient temperatures 25°C according to the standard.

Building insulation and building elements do not cover or do not abut to the top and sides of the luminaire. See the minimum clearance values required.

Safety Tips

- Always ensure the power is OFF and the luminaire has cooled down before performing any maintenance, cleaning or adjustment to the luminaire.
- To avoid injury or damage to the luminaire, ensure that power leads and screws are secure before connecting the power.
- Select a suitable location away from liquids and hazards.
- The light source of this luminaire is not replaceable; when the light source reaches its end of life, the whole luminaire shall be replaced. There are no serviceable parts, do not attempt to dismantle or open the luminaire.
- If the diffuser is damaged or cracked. For your safety, discontinue use and replace the diffuser.
- Ensure that the luminaire does not come in contact with corrosive chemicals, etc.
- To clean, wipe with a damp clean cloth. Never soak the luminaire with water.

Specifications

SKU #	300915
Rated Voltage	220-240V~ 50-60Hz
Rated Wattage	4.4W (including driver)
LED Specs	190 lumens, 3000K Warm White, CRI>90, Non-dimmable
Cut Out Size	110mm x 66mm (without mounting box) 119mm x 70mm (with mounting box SKU#: 300916 - Sold separately)
Recessed Luminaire Classification	Do Not Cover
Weight	0.2kg
Dimensions	H:130mm W:80mm D:47mm