

## STARLIGHT FIXED LED DOWNLIGHT

SKU# 170744, 170745, 170746, 170747

Rated Voltage 200-240V~ 50/60Hz

Thank you for purchasing this quality Lucci product. To ensure correct function and safety, please read and follow all instructions carefully before assembly, installation and use of this luminaire. Please keep instructions for future reference.

### Warranty

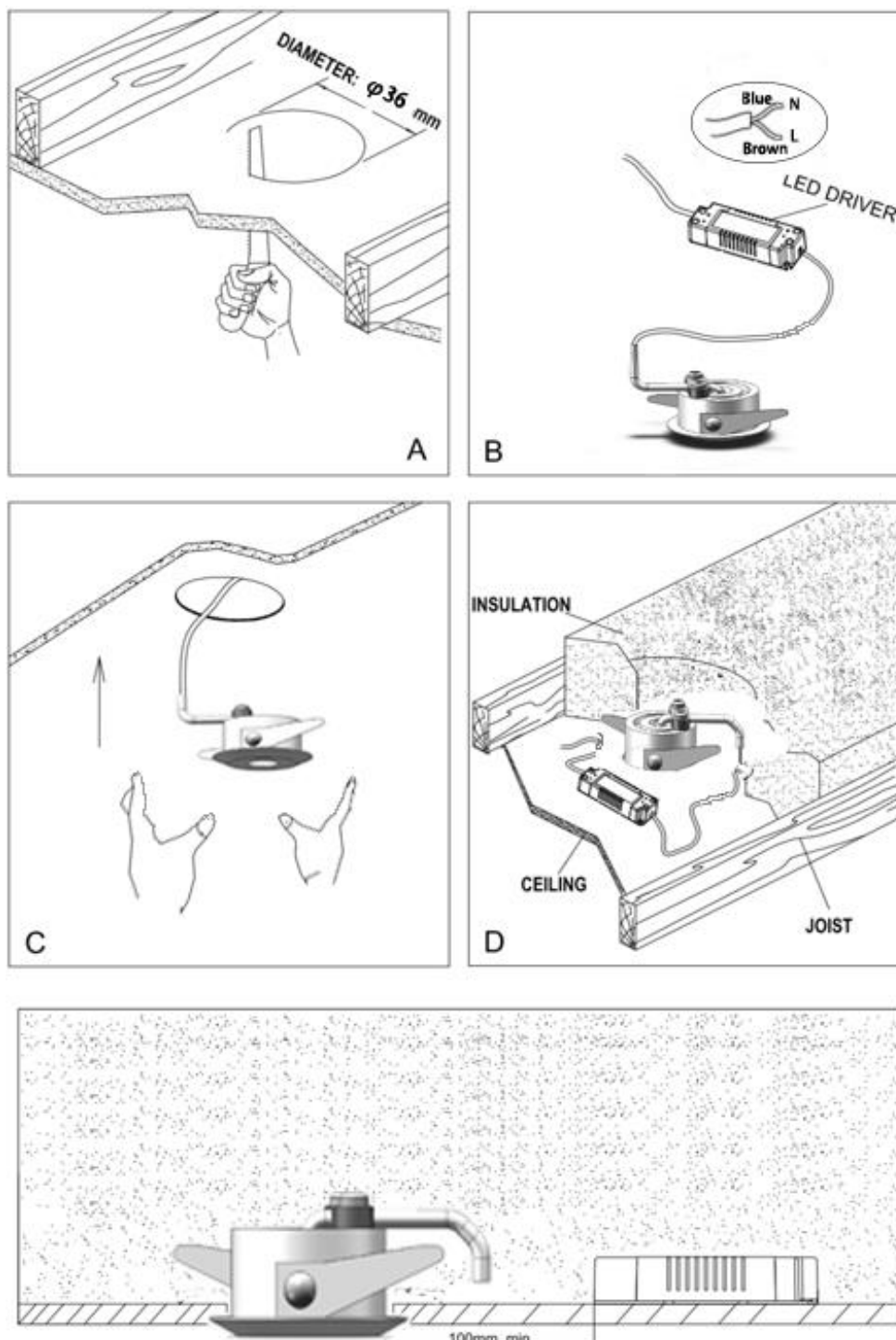
- This luminaire is covered by a 5 year warranty. The warranty is from date of purchase, not the date of installation.
- If the luminaire is not assembled and installed by a licensed electrician the warranty will be void.
- Please retain proof of purchase and evidence of installation by a licensed electrician for any warranty enquiries.
- Warranty will be void if there is any damage due to improper usage or modification to the luminaire.
- Failure to comply with the instructions in this manual may increase the risk of damage or injury and will void warranty.
- 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.

### Installation Requirements

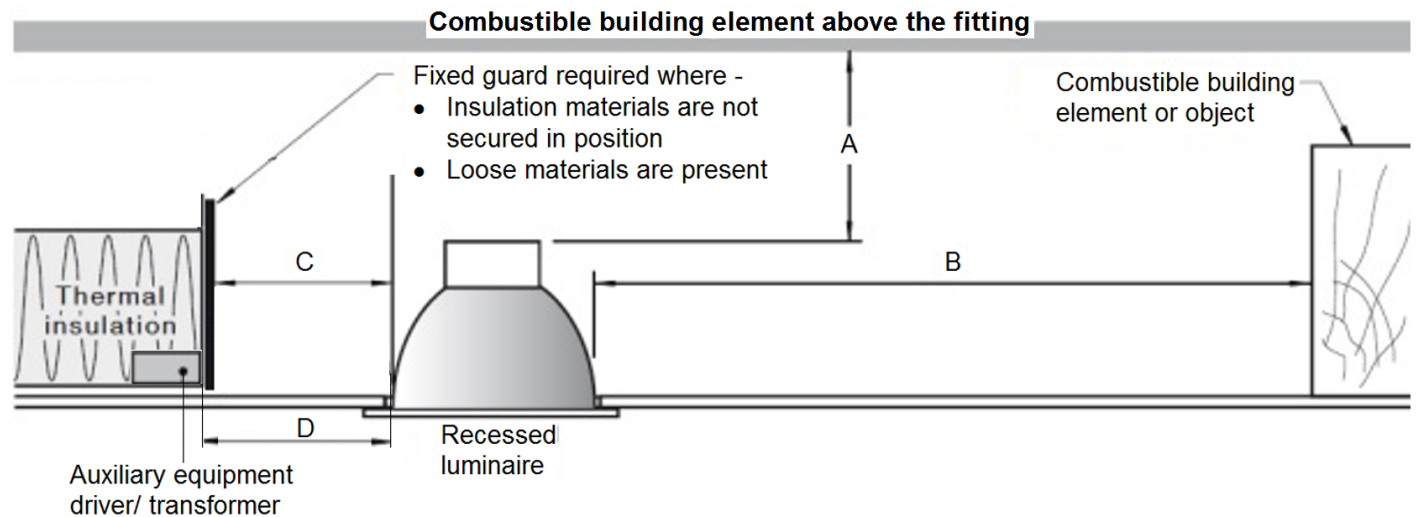
- Must be installed by a licensed electrician.
- All wiring and installation of the luminaire must adhere to the latest local and national wiring rules.  
eg. AS/NZS 3000 Electrical Installations.
- This is a Class II luminaire. This must be maintained during wiring and installation.
- Select a suitable location for installation:
  - This luminaire is suitable for indoor use only.
  - The mounting point must support 2 times the weight of the luminaire.
  - This luminaire is not suitable for dimming and should not be used with a circuit which has a dimmer.  
Warranty will be void if the luminaire is used on the same circuit which has a dimmer switch.
  - This recessed luminaire has an insulating ceiling type IC-4 rating. Building insulation material can safely be exposed continuously to temperatures up to 90°C may abut and cover the luminaire. (Please refer to the Clearance Information section and the IC-4 Rating section in this instruction manual for further details)
  - 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.
- The LED driver must be placed at least 100mm away from the LED downlight module to allow for cooling.
- The LED driver can be placed under the insulation. (Please refer to the Clearance Information section in this instruction manual for further details)
- 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.

## Installation Directions

1. Remove all packaging material from the luminaire and be careful not to throw away accessories that may be hidden within the packaging material.
2. Cut a hole of  $\varnothing 36\text{mm}$  into the installation location. (Fig A)
3. Remove the cover from the 240V side of the LED driver and connect the mains supply wire. (Fig B)
4. Ensure the wires are secure and no bare wires are exposed. Install the cover back over the LED driver. (Fig B)
5. Push the springs in and install the LED downlight module through the cut-out hole. (Fig C)
6. Ensure all the clearance values are maintained during and after installation of the LED downlight module, LED driver, thermal insulation, loose fill insulation, loose combustible materials and any structural members. (Fig D)  
Please refer to the Clearance Information section and the IC Rating section in this instructions for further details.
7. Press the lamp body to tilt at your preferred lighting angle.
8. After the installation, switch on the luminaire to test all the lighting functions and enjoy your new luminaire.

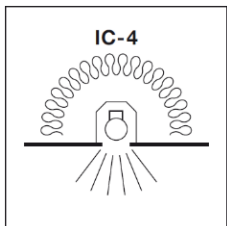


## Clearance Information – AS/NZS 3000 Wiring Rules



LOCATION	DISTANCE	DESCRIPTION
A	50 mm (Minimum)	Clearance between the top of the recessed luminaire and any combustible materials, building elements or objects above it.
B	50 mm (Minimum)	Clearance between the side of the recessed luminaire and any combustible materials, building elements or objects.
C	0 mm (Abutted)	Insulation can be abutted against the side of recessed luminaire and covered as per IC Rating. See IC Rating section for more details.
D	100mm	Auxiliary equipment/driver/transformer must be placed 100mm away from the luminaire. It can be placed under the thermal insulation and covered.

## IC Rating – AS/NZS 60598.2.2 : 2016



1. A closed luminaire that allows building insulation to come into contact with its sides and to cover it.
2. Type IC-4 recessed luminaire can be used together with building insulation that can safely be exposed continuously to temperatures up to 90°C may abut and cover the luminaire;
3. The declared IC-4 rating is based on the default testing ambient temperatures 25°C according to the standard.

**RISK OF FIRE** – Required clearance from structural members and building elements  
 SCB = 50 mm                      HCB = 50 mm

## Safety tips

- Always ensure the power is OFF and the luminaire has cooled down before performing any maintenance, cleaning or making any adjustment to the fitting.
- 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.
- To clean, wipe with a soft damp cloth. Do NOT soak or immerse the luminaire in water or other liquids.
- Ensure that the luminaire does not come in contact with corrosive chemicals/solvents or abrasive cleaners etc.
- The light source in this luminaire is not replaceable; when the luminaire reaches its end of life the whole luminaire shall be replaced.

Specifications				
SKU #	170744	170745	170746	170747
Colour	White	Black	White	Black
Rated Voltage	INPUT: 200-240V~ 50/60Hz, OUPUT: 2.5-4.2VDC, 700mA Constant Current			
Rated Wattage	3W			
LED Specs	CREE LED, 3000K, 150 lumens, CRI >80, Non-dimmable		CREE LED, 4000K, 150 lumens, CRI >80, Non-dimmable	
Weight	0.1kg			
Cut-out Size	Ø 36mm			
IP Rating	IP40 (for the LED module after installation) IP20 (for LED driver)			
Recessed Luminaire Rating	IC-4			
Dimensions	H:24mm Dia:41mm			