

**CASPIAN 1LT LED CCT DIM WALL BRACKET**

SKU# 309220,309221,309222

Rated Voltage 220-240V~ 50Hz

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 3-year warranty. The warranty is from the 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.
- The use of non-compatible dimmers may damage your LED luminaire and will void your warranty.
- 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.

**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.
- This luminaire is a Class I product and must be earthed 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.
  - 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.
- The colour shifting function is designed to operate with a mechanical or relay ON/OFF switch, as well as selected semi-conductor ON/OFF switches, such as MFL Artisan or Lucci Power Dimmers with ON/OFF functionality. Please note the colour shifting function may not operate correctly on all semi-conductor switches.
- This luminaire is dimmable and the use of an LED dimmer is strongly recommended. Please see **Highly Recommended Dimmers** Section of the Specifications on Page 5 for a list of SKUs that have been specifically designed & tested for use with this luminaire.

**NOTE:** Dimming may cause buzzing sounds or a slight flicker. There may be slight delays with the LED luminaire start-up or uneven light performance when more than one LED luminaire is linked together, switched ON or dimmed. This is not a product fault and as such is not covered under warranty.

**NOTE:** Some dimmers have a minimum load of 20W. Ensure the dimmer position is on the maximum setting before turning on the LED light and adjust the dimmer down to your desired light level.

**NOTE:** Testing cannot account for installation variables such as variation in mains supply voltage, cable capacitance, electrical noise, transients, surges and ripple control signals (commonly found in NSW & QLD).
- 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 no components are 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.

## Installation Directions

**NOTE: Ensure power to the circuit you are working on has been switched OFF before commencing any electrical work.**

1. Remove all packaging material from the product and be careful not to throw away accessories that may be hidden within the packaging material. If assembly is required, place the luminaire on a smooth non-scratch surface.
2. Remove the mounting bracket (B) from the luminaire (F) by loosening the screws (E).
3. Use the mounting bracket (B) as a template to mark the screw positions on the wall.
4. Install the mounting bracket (B) onto the wall by using appropriately sized mounting screws (C) and anchors (A). Ensure the screws (C) and anchors (A) used are suitable for the mounting surface and the surrounding environment.
5. connect the mains supply wires to the screw terminal block(D) connected to the LED driver input end.

### Mains Supply Wire

Earth – Yellow/Green (⊕)

Neutral – Blue or Black

Live – Brown or Red

### Luminaire Wire / Terminal Block

Yellow/Green (⊕)

Blue or N

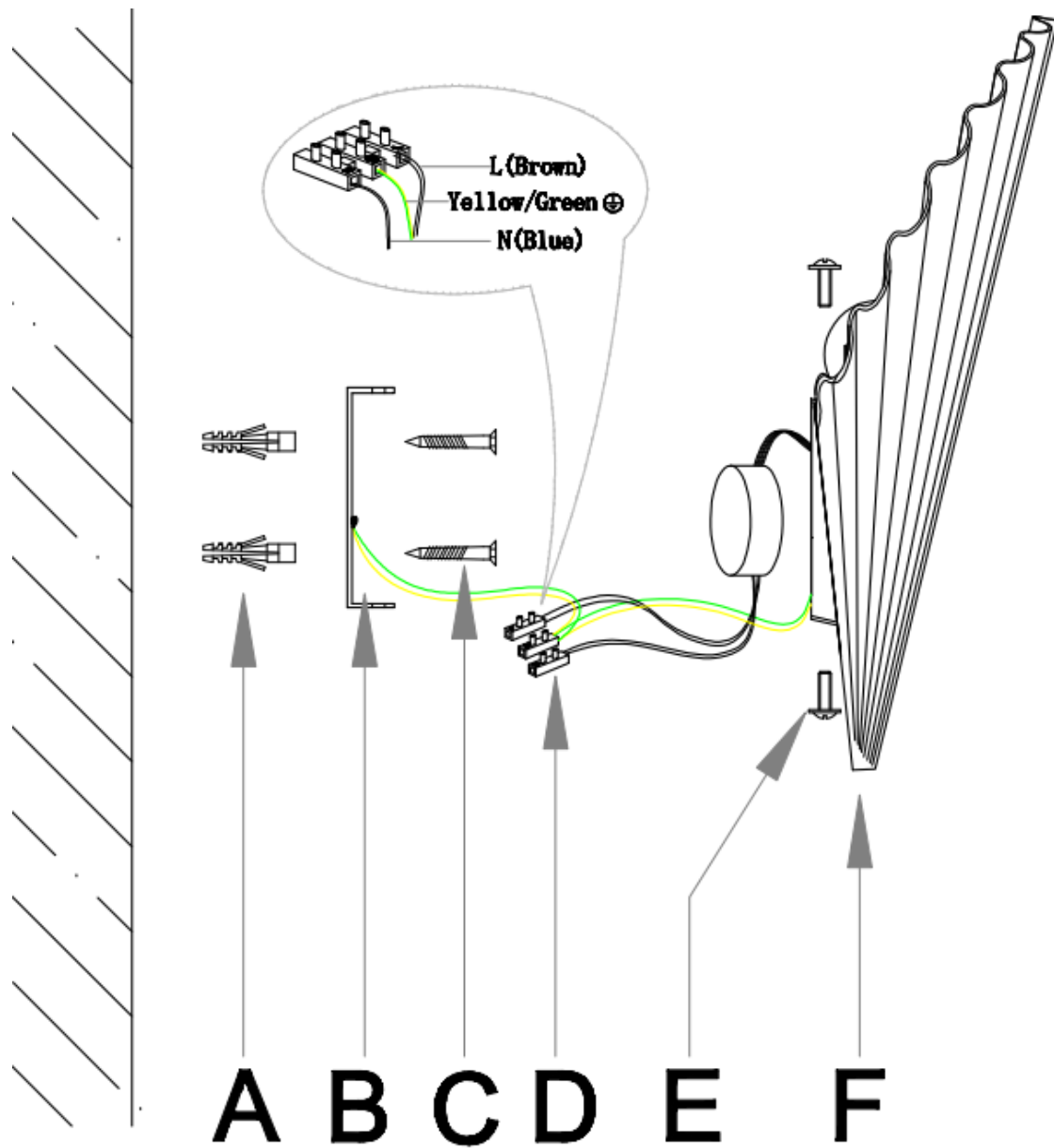
Brown or L

Ensure the wires are secure and no bare wires are exposed.

**NOTE: The luminaire is a Class I product and must be earthed during wiring and installation.**

6. Install the luminaire (F) onto the mounting bracket (B) and secure by tightening the screws (E)
7. After the installation is complete, switch on the luminaire to test and enjoy your new lighting product.
8. To operate the colour shifting function, use the wall switch.
  - While the luminaire is on, toggle the wall switch OFF and ON again within 3 seconds. The colour shifting sequence will jump from 3000K → 5000K → 4000K.
  - For the colour shifting to memorise the colour temperature, leave the wall switch OFF for over 7 seconds.
  - To reset the colour shifting, toggle the wall switch OFF and ON twice within 1 second.

**NOTE: If using an MFL Artisan or Lucci Power Dimmer, please see the Dimmer Installation Manual for instructions on how to operate the colour shifting functions correctly.**



Troubleshooting		
PROBLEM	POSSIBLE CAUSE	SUGGESTED SOLUTION
Does not work. (New installation)	Loose wiring or no power to the luminaire.	Check your circuit breaker/safety switch box and turn on the power to your circuit.
		Contact the installing licensed electrician to check if the luminaire has been installed correctly.
Does not work. (Existing installation)	No power to the luminaire.	Check your circuit breaker/safety switch box and turn on the power to your circuit.
		Contact your nearest Beacon Lighting store.
Flickers when dimming. (New installation)	Non-recommended dimmer used.	Check the dimmer used. Ensure the dimmer used is on the list of recommended dimmers in this manual.
	Some dimmers have a variable loading adjustment function. This may not have been adjusted during the installation of the dimmer.	The variable resistor needs to be adjusted to suit the luminaire load to reduce the flickering.
Flickers when dimming. (Existing installation)	Dimmer position on low.	Ensure the dimmer position is on the maximum setting before turning on the luminaire and adjust the dimmer down to your desired light level.
Buzzing sound.	Non-recommended dimmer used.	Check the dimmer used. Ensure the dimmer used is on the list of recommended dimmers in this manual.
Uneven light on start-up	Dimmer position on low when switched on.	Ensure the dimmer position is on the maximum setting before turning on the luminaire and adjust the dimmer down to your desired light level.

### 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 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.
- 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 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 product.

Specifications			
SKU #	309220	309221	309222
Colour	Aged Brass	Textured White	Rust
Rated Voltage	220-240V~ 50Hz		
Rated Wattage	8W		
LED Specs	Colour shifting LEDs*, Dimmable, CRI>90		
Colour Temperature and Lumens	3000K – 350 lumens 5000K – 420 lumens 4000K – 420 lumens	3000K – 460 lumens 5000K – 550 lumens 4000K – 550 lumens	3000K – 300 lumens 5000K – 350 lumens 4000K – 350 lumens
Highly Recommended Dimmers	MFL Artisan SKU# 197015, 197016, 197017, 197018, Lucci LEDlux SKU# 290989, 290992, 290993, 290994, BUSTER+ PUNCH: DIM-002		
Compatible Dimmers	Lucci LEDlux SKU# 290997, 299043, Clipsal 31E2RUDM, 32E450UDM, DIGINET LED Smart MEDM, HPM Cat. 400T		
Weight	0.55kg		
Luminaire Dimensions	W:180mm E:70mm H:240mm		

\* The colour shifting function is designed to operate with a mechanical or relay ON/OFF switch, as well as selected semi-conductor ON/OFF switches, such as MFL Artisan or Lucci Power Dimmers with ON/OFF functionality outlined above. Please note the colour shifting function may not operate correctly on all semi-conductor switches.