AANYA 490MM LED CRYSTAL FLUSH MOUNT

SKU# 181099.

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 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.
- The use of non-compatible dimmers may damage the 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 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.
- 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 use in indoor environments only.
  - The mounting point must support 2 times the weight of the luminaire.
  - If installing the 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 environmental exposure (including salt air, high humidity, moisture or condensation) is not a product fault, and as such is not covered under warranty
- This luminaire is dimmable, and the use of a LED dimmer is strongly recommended. Please see the **Highly Recommended Dimmers** section of the specifications table on Page 4 for a range of dimmers 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 light start up or slight 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 luminaire 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).

NOTE: The information provided is correct to the best of Beacon Lighting's knowledge at the date of publication.

- 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, or have been damaged during transport, before assembling. Do not operate/install any luminaire which appears damaged in any way. If parts are missing or damaged, return the complete luminaire 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

NOTE: Assembly and installation of this luminaire must be done by a licensed electrician.

WARNING: 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. To help with assembly, place the luminaire on a smooth non-scratch surface. (Fig. 1)
2. Use the mounting back plate (B) as a template to mark the screw positions on the ceiling. (Fig. 2)
3. Depending on the mounting surface, determine if anchors (G) or mounting accessories are required for installation. If they are required, ensure they are suitable for the mounting surface and the surrounding environment. (Fig. 2)
4. Install the mounting back plate (B) onto the ceiling by using appropriately sized mounting screws (F). Ensure the screws (F) used are suitable for the mounting surface and the surrounding environment. (Fig. 3)
5. Remove the cover from the terminal block by loosening the screw nut. (Fig. 4)

NOTE: Keep the cover and screw nut in a safe place, as they MUST be re-installed later.

6. Connect the mains supply wire to the terminal block. (Fig. 5)

Mains Supply Wire	**Luminaire Wire / Terminal Block**
Earth – Yellow/Green ⏚	Yellow/Green ⏚
Neutral – Blue or Black	Blue or N
Live – Brown or Red	Brown or L

NOTE: The terminal cover MUST be re-installed back onto the terminal block and secured using the screw nut. (Fig. 5)

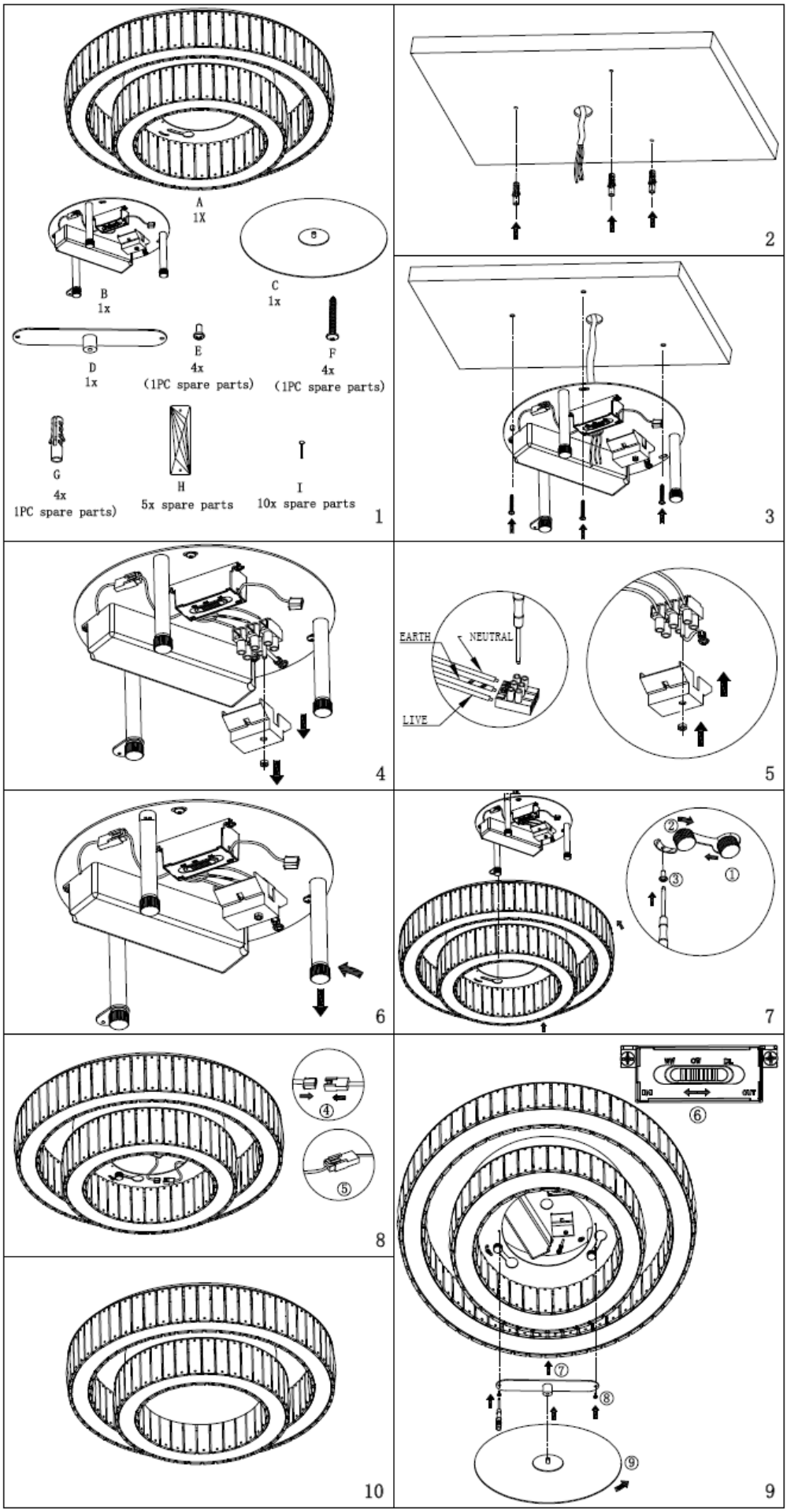
NOTE: The luminaire is a Class I product and must be earthed during wiring and installation.

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

7. Loosen the three nuts on the mounting back plate (B), leaving a small gap so that the luminaire body (A) can be rotated into position and installed. (Fig. 6)
8. Raise the luminaire body (A) and position it against the mounting back plate (B).
   Align the notch on the luminaire body (A) to the screw hole on one arm of the mounting back plate (B). (Fig. 7-1)
   Rotate the luminaire body (A) until it is held in position. (Fig. 7-2)
   Tighten the retaining screw (E) to secure the luminaire body (A) and then tighten the three nuts to fully secure everything together. (Fig. 7-3)
9. Using the quick connector, join the LED driver together with the LEDs on the luminaire body (A). (Fig. 8-4&5)
10. The colour temperature of this luminaire is to be set to the desired colour temperature at the time of installation. Use the toggle switch on the luminaire bracket to select your desired colour temperature (“WW” for 3000K *Warm White*, “CW” for 4000K *Cool White*, or “DL” for 5000K *Daylight*). (Figure 9-6)

NOTE: The luminaire MUST be switched OFF before changing the colour temperature using the CCT toggle switch. Changing the colour temperature while the luminaire is powered ON may damage the LED driver.

11. Install the decorative cover mounting bracket (D) onto the luminaire. (Fig. 9-7)
12. Secure using the two screws (E) on the sides. (Fig. 9-8)
13. Install the decorative cover (C) onto the decorative cover mounting bracket (D). (Fig. 9-9)
14. After the installation, switch on the luminaire to test all the lighting functions and enjoy your new luminaire. (Fig. 10)


A
1X
B
1x
C
1x
D
1x
E
4x
(1PC spare parts)
F
4x
(1PC spare parts)
G
4x
1PC spare parts)
H
5x spare parts
I
10x spare parts
1
2
3
4
EARTH
NEUTRAL
LIVE
5
6
7
8
9
10

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 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.

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 that may not have been set during dimmer installation.	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.	Set the dimmer to maximum before switching on the luminaire, then adjust down to the 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.	Set the dimmer to maximum before switching on the luminaire, then adjust down to the desired light level

Specifications

SKU #	181099
Rated Voltage	220-240V~ 50Hz
Rated Wattage	50W Max.
Rated Lumens	3000K – 2000 lumens; 4000K – 2400 lumens; 5000K – 2300 lumens
LED Specs	Colour switching LEDs*, Dimmable, CRI>90
LED Driver	CA-048-040A1D-1200 (Flicker Free) Spare Part: SKU# P020009
Highly Recommended Dimmers	All **Lucci**, **MFL** and **Buster + Punch** Dimmers
Compatible Dimmers	**Clipsal:** 31E2PUDM, 32E450UDM, 42E350RUD2M-VW; **DETA**: 6032B series 2; **DIGINET:** LED Smart MEDM; **HPM:** Cat. EM400TR; **Zimi:** Powermesh PMPUSWV1G
Weight	9.6kg
Dimensions	H:150mm Dia:490mm

***NOTE:** Select the colour temperature using the toggle switch inside the canopy. Power to the luminaire must be switched OFF before operating the toggle switch, as changing settings while powered may damage the LED driver.