

LUELLA LED PENDANT

SKU# 039278, 039279

New Edition – V3

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 product. 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.
- 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.
- The luminaire is a Class I product and must be earthed during wiring and installation.
- Cables or wires of different voltage systems (e.g. Low Voltage and SELV), must be separated by double insulation.
- 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 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 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 an LED dimmer is strongly recommended. Please see **Highly Recommended Dimmers** Section of the Specifications on Page 5 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 light fitting 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).
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 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.

NOTE: Due to the size/weight/wiring of the luminaire, two people will be required to lift the luminaire during the installation process.

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 canopy (H) by loosening the screws (G) on the sides.
3. Use the mounting bracket (B) as a template to mark the screw positions on the ceiling.
4. Install the mounting bracket (B) onto the ceiling 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. Determine the length of the suspension rod required for your installation location.
Install the required lengths of suspension rod (J, K, L, M, N) onto the body (O) of the luminaire.
Pull the cord out as you install the suspension rods (J, K, L, M, N) to remove any slack.
Take care, not to cross-thread or twist and damage the cord.

6. Install the canopy (H) onto the top suspension rod by attaching the knuckle joints (I), followed by securing the nuts (F) inside the canopy (H) with the spanner provided.
7. Connect the red (+) black (-) and white (-) luminaire wires to the red (+) black (-) and white (-) wires on the output end of the colour selector switch (Q) via the square connectors (P).

NOTE: The luminaire wires are SELV, do not connect directly to 240V.

8. The colour temperature of this luminaire can be set at the time of installation. Use the toggle switch (Q) within the luminaire canopy (H) to select your desired colour temperature ("WW" for 3000K *Warm White*, "CW" for 4000K *Cool White*, or "DL" for 5000K *Daylight*.)

NOTE: Using the colour selector switch (Q) requires removal of the luminaire canopy (H) and must only be carried out by a licensed electrician.

NOTE: The toggle switch (Q) must only be operated when power to the luminaire has been switched off. Changing toggle switch settings while the luminaire is powered may cause damage to the LED driver.

9. Open the terminal box (D) and connect the mains supply wires to the terminal block.

Mains Supply Wire

Neutral – Blue or Black

Live – Brown or Red

Luminaire Wire / Terminal block

Blue or N

Brown or L

10. Ensure that the wires are secure, and no bare wires are exposed. Install the cover back over the terminal box and use the cord anchorage to secure the mains supply wire.
11. Connect the mains earth wire to the floating earth terminal block (E).

Mains Supply Wire

Earth – Yellow/Green 

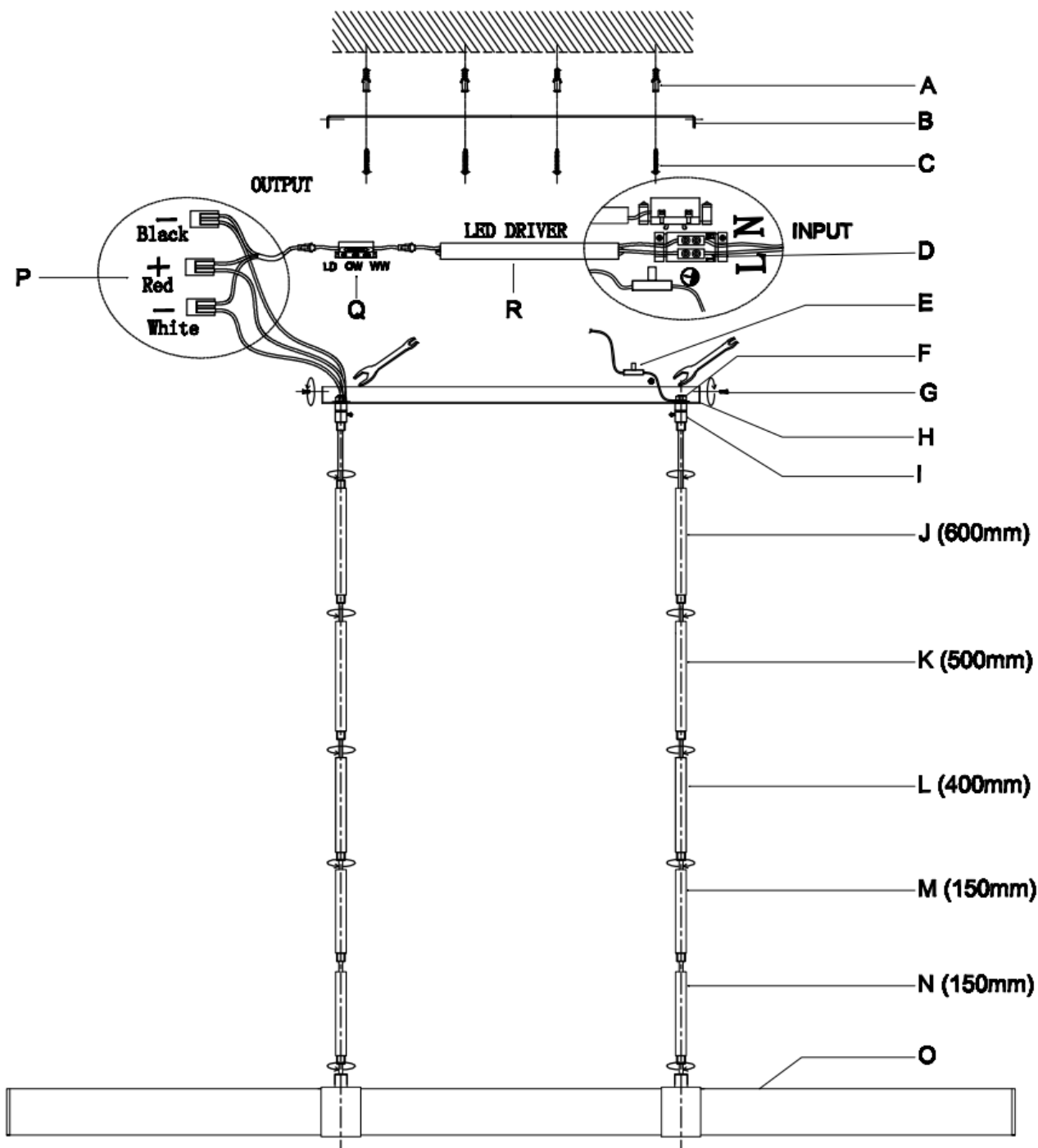
Luminaire Wire / Terminal Block

Yellow/Green 

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

NOTE: Ensure the earth wiring is secure and correct, by performing an earthing continuity test with the mounting bracket (B) and terminal block.

12. Install the canopy (H) back onto the mounting bracket (B) and secure by tightening the screws (G) on the sides.
13. After the installation, switch on the luminaire to test all the lighting functions and enjoy your new lighting product.



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.
- 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.
- The LED Driver (R) in this luminaire is replaceable, and shall only be replaced by the manufacturer, their service agent or a similarly qualified person, such as a licenced electrician.

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 that 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.

Specifications		
SKU #	039278	039279
Colour	Brass	Black
Rated Voltage	220-240V~ 50Hz	
Rated Wattage	39W Max.	
LED Driver	CA-040-040E1F-1000-01 (SKU# P020022)	
LED Specs	Dimmable, Colour Shifting* (3000K-4000K-5000K) LEDs, CRI ≥ 90, Flicker Free	
Colour Temperature	3000K Warm White / 4000K Cool White / 5000K Daylight	
Lumens	2600lm Max.	
Highly Recommended Dimmers	All Lucci , MFL and Buster + Punch Dimmers	
Compatible Dimmers	Clipsal 31E2PUDM, 42E350RUD2M-VW, 32E450UDM. DIGINET LED Smart MEDM, HPM Cat. 400T. DETA:6032B series 2 Zimi Powermesh PMPUSWV1G	
Weight	10.5kg	
Canopy Dimensions	L:575 mm W:45 mm H:35 mm	
Luminaire Dimensions	L:1535mm W:70mm H:85mm Susp:1800mm MAX	

***NOTE:** Use the toggle switch in the canopy of the luminaire to select the colour temperature (“WW” for 3000K *Warm White*, “CW” for 4000K *Cool White*, or “DL” for 5000K *Daylight*). Please note the toggle switch must only be operated when power to the luminaire has been switched off. Changing the toggle switch settings while the luminaire is powered may cause damage to the LED driver.