

CEDAR LED PENDANT

SKU# 020730, 020731, 020732, 020733, 020734, 020735, 020736

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 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 Do not exceed the maximum wattage rating.
- The 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.
- 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 6 for a range of LED 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 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.

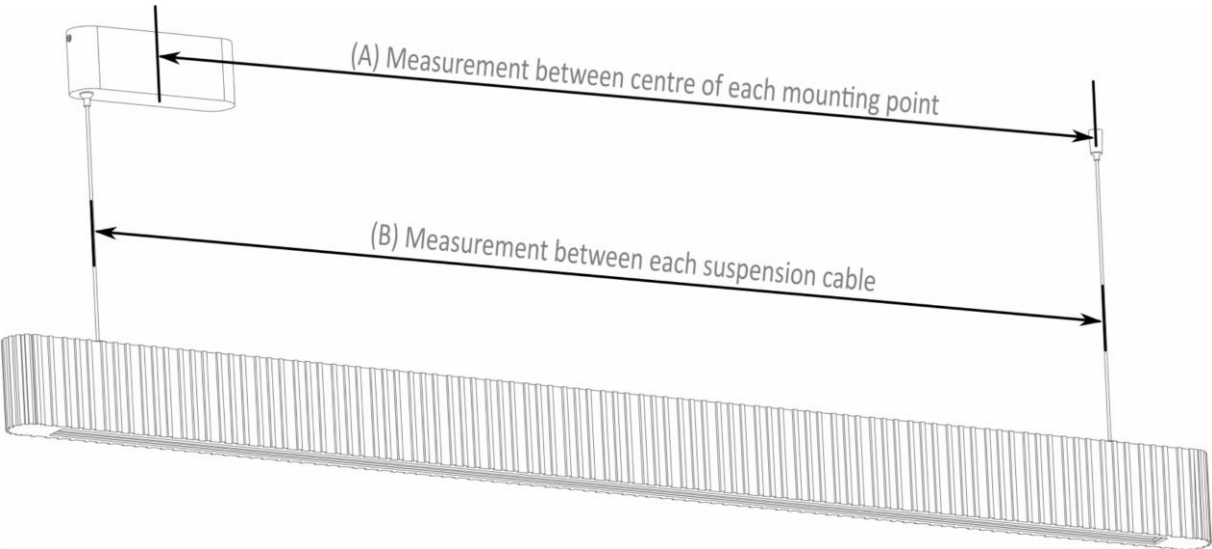
NOTE: Some dimmers have a minimum load of 20W. Ensure the dimmer position is on the maximum setting before turning on the LED light and adjust the dimmer down to your desired light level.

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).

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

Installation Directions

- Ensure power to the circuit you are working on has been switched OFF before commencing any electrical work.
 - Due to the size of the luminaire, two people will be required to lift it 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. Determine the mounting locations for each of the suspension brackets using the below measurements:



SKU #	020730 / 020731 / 020732	020733 / 020734 / 020735	020736
Measurement (A)	1182mm	1476mm	1882mm
Measurement (B)	1264mm	1558mm	1946mm

3. Remove the mounting bracket (D) from the canopy (G) by loosening the screws (A) on the side.
4. Use the mounting bracket (D) as a template to mark the screw positions on the ceiling.
5. Install the mounting bracket (D) onto the ceiling by using appropriately sized mounting screws (E) and anchors (C). Ensure the screws (E) and anchors (C) used are suitable for the mounting surface and the surrounding environment.
6. Remove the hanger bracket (K) from the hanger (M) on the other side of the luminaire.
7. Install the hanger bracket (K) onto the ceiling by using appropriately sized mounting screws (L) and anchors (J). Ensure the screws (L) and anchors (J) used are suitable for the mounting surface and the surrounding environment.
8. The colour temperature of this luminaire is to be set at the time of installation. Use the toggle switch (R) within the luminaire canopy (G) 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 (R) requires removal of the luminaire canopy (G) and must only be carried out by a licensed electrician.

NOTE: The toggle switch (R) 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.

9. Connect the mains supply wire to the terminal block (B). Connect the mains earth to the terminal block (F).

Mains Supply Wire

- Earth – Yellow/Green
- Neutral – Blue or Black
- Live – Brown or Red

Luminaire Wire / Terminal Block

- Yellow/Green or 
- Blue or N
- Brown or L

NOTE: The luminaire is a Class I product and must be earthed during wiring and installation.
Ensure the wires are secure and no bare wires are exposed.

10. Determine the suspension length required for your installation. If the suspension lengths need adjusting complete the following steps:

For Luminaire SKU# 020730, 020731, 020732, 020733, 020734, 020735:

The powered side of the luminaire can be adjusted by completing the following:

- gently pull the excess suspension cord through the cord anchorage (H), and into the canopy.
- Secure the suspension from within the canopy by adjusting the position of the suspension buckle (I) so that it sits against the rear of the cord anchorage (H).
- If the suspension cord needs to be extended, loosen the suspension buckle (I), and then press in and hold the middle cylinder of the cord anchorage (H) and then gently pull the suspension cord back through the cord anchorage, making sure to re-position the suspension buckle (I) after adjusting.

The unpowered side of the luminaire can be adjusted by completing the following:

- Gently pull the excess cable through the hanger (M).
- This can then be secured by adjusting the position of the cable buckle (N) and securing using the set screw (O) and included hex wrench (P).
- The suspension can also be extended by loosening the set screw (O) on the cable buckle (N) and then pressing in the middle cylinder of the hanger (M) and gently pulling the cable back through the hanger, making sure to reposition the cable buckle (N) after adjusting, and tightening the set screw (O).
- Once adjustments have been made to the unpowered side of the luminaire, excess cable can be removed.

For Luminaire SKU# 020736:

The powered side of the luminaire can be adjusted by completing the following:

- Loosen the grub screw (T) on the cord anchorage (H), and then gently pull any excess suspension into the canopy.
- Secure the suspension by tightening the grub screw (T) and adjusting the suspension buckle (I) so that it sits against the rear of the cord anchorage (H).
- If the suspension needs to be extended, loosen the suspension buckle (I) and grub screw (T) and gently pull the suspension cord back through the cord anchorage (H), making sure to re-position the suspension buckle (I) and tightening the grub screw (T) after adjusting.

The unpowered side of the luminaire can be adjusted by completing the following:

- Loosen the grub screw (T) on the cord anchorage (H), and gently pull excess cable through the hanger (M).
- This can then be secured by tightening the grub screw (T) and adjusting the position of the cable buckle (N) and securing using the set screw (O) and included hex wrench (P).
- The suspension can also be extended by loosening the set screw (O) on the cable buckle (N) and the grub screw (T) on the hanger (M) and then gently pulling the cable back through the hanger, making sure to reposition the cable buckle (N) after adjusting, and tightening the set screw (O) and grub screw (T).
- Once adjustments have been made to the unpowered side of the luminaire, excess cable can be removed.

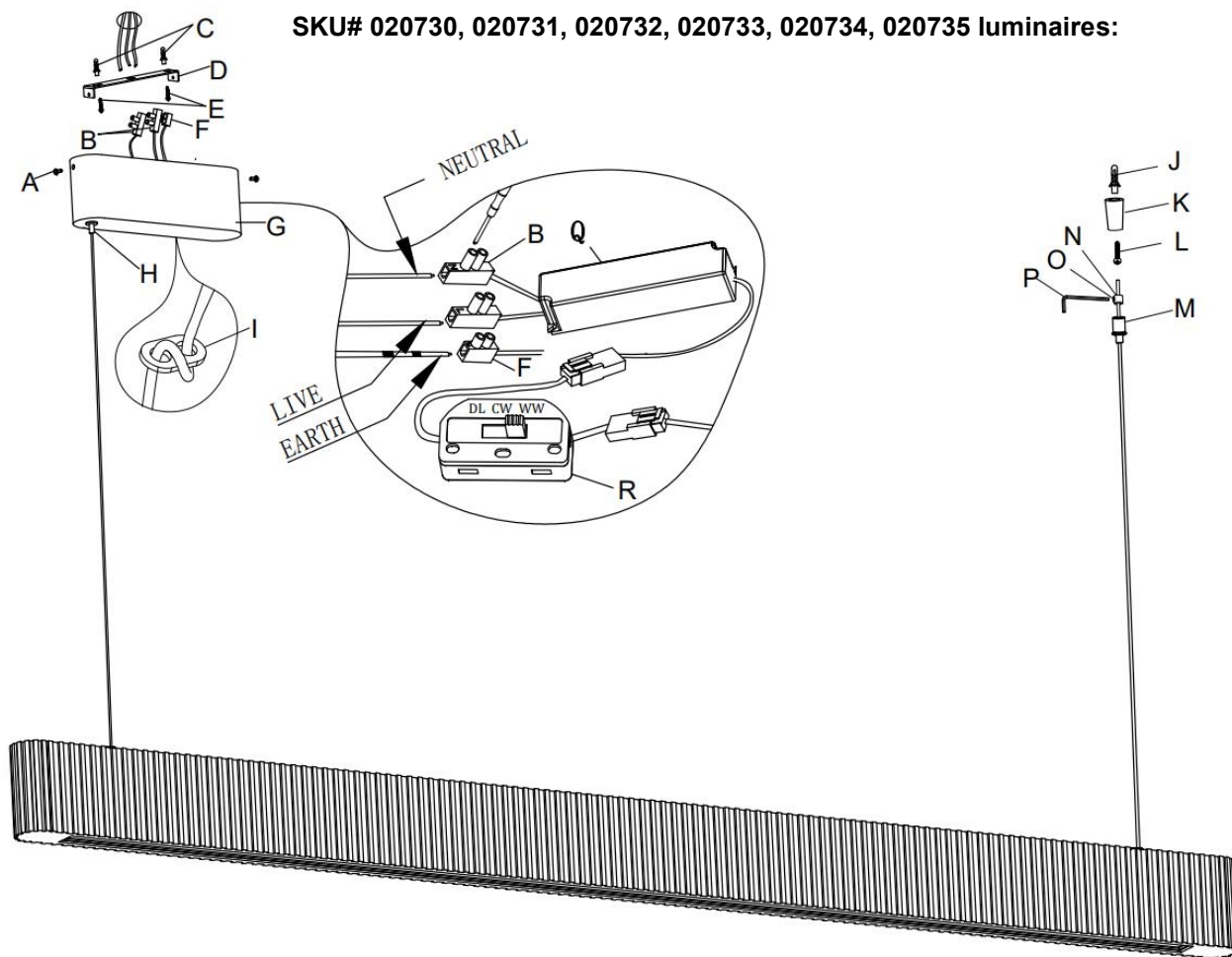
11. Install the canopy (G) onto the mounting bracket (D) and secure by tightening the screws (A) on the sides.

12. Install the hanger (M) onto the hanger bracket (K).

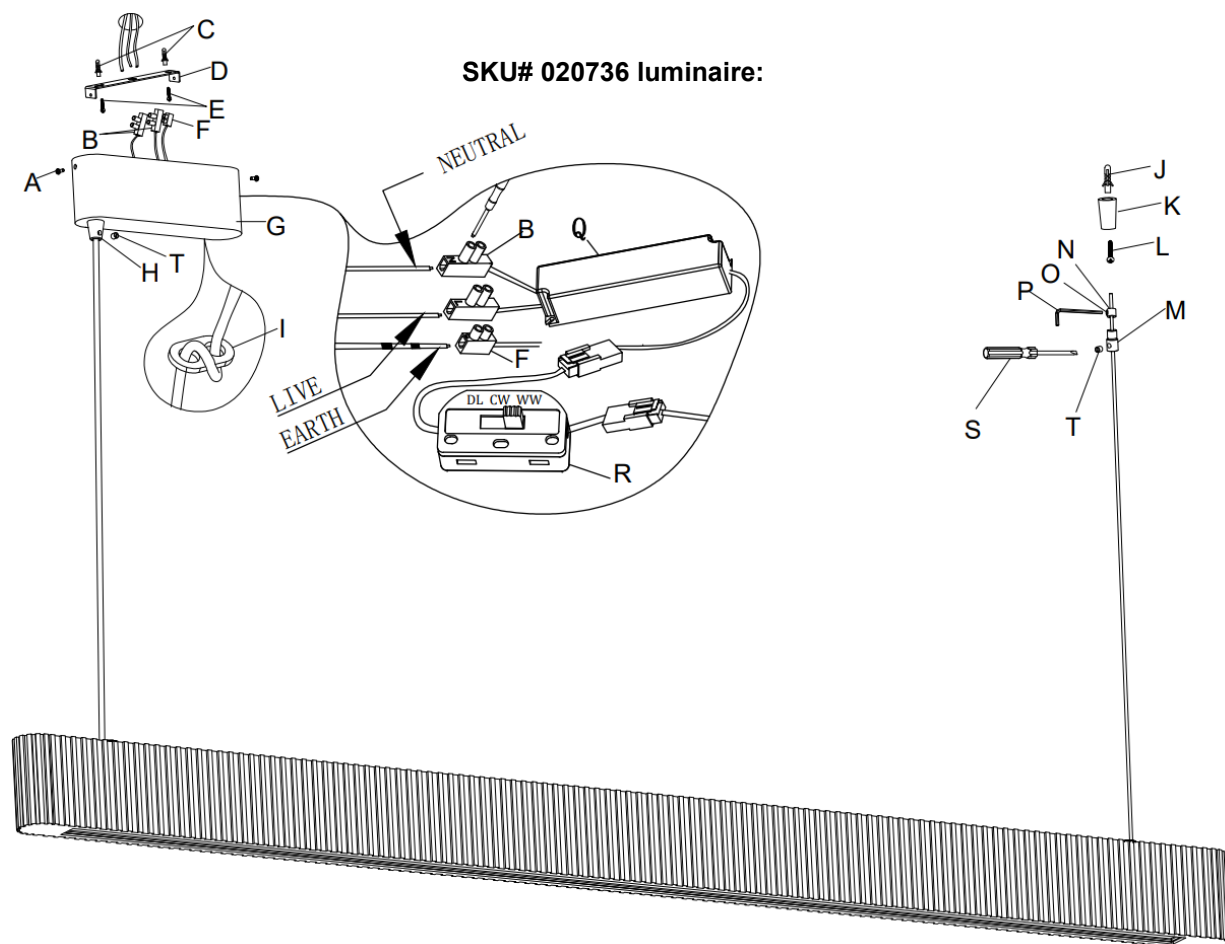
13. Ensure the luminaire is sitting level by making small adjustments to the suspension length of the Powered Side of the Luminaire using the above steps in Step 10.

14. After the installation is complete, switch on the luminaire to test and enjoy your new lighting product.

SKU# 020730, 020731, 020732, 020733, 020734, 020735 luminaires:



SKU# 020736 luminaire:



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.

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 (Q) 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.

Specifications			
SKU #	020730 / 020731 / 020732	020733 / 020734 / 020735	020736
Colour	Walnut / Black /White	Walnut / Black / White	Black
Rated Voltage	220-240V~ 50Hz		
Rated Wattage	40W	60W	65W
LED Driver	CA-040-040A1D-1000 SKU# P020006	CA-060-040A1D-1500 SKU# P020008	
LED Specs	Dimmable, Colour Shifting (3000K-4000K-5000K) LEDs*, CRI ≥ 90, Flicker Free		
Colour Temperature and Lumens	3000K/4000K/5000K; 2200lm	3000K/4000K/5000K; 3300lm	3000K/4000K/5000K; 3500lm
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	4.2kg	5.2kg	6.3kg
Canopy Dimensions	L:200mm W:45mm H:65mm		L:200mm W:45mm H:75mm
Luminaire Dimensions	H:100mm L:1500mm W:50mm Susp:2000mm MAX	H:100mm L:1800mm W:50mm Susp:2000mm MAX	H:100mm L:2200mm W:50mm Susp:2000mm 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.