

BRIDGE 1.5M LINEAR PENDANT

SKU# 028163, 028164

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.
- 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 applications only.
 - The mounting point must support 2 times the weight of the luminaire.
 - If installing 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.
- “**Scene Change at the Wall Switch**” functionality is enabled when the toggle switch in the luminaire canopy is set to the “WC” position. This 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 or Lucci Power Dimmers with ON/OFF functionality. Please note the colour shifting function may not operate correctly on all semi-conductor switches and will not work on any switch that features a ‘soft-start’ function.
- 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 4 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 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 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

WARNING: 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 it up during the installation process.

1. Remove all packaging material from the luminaire and be careful not to throw away accessories that may be hidden within the packaging material. If assembly is required, place the fitting on a smooth non-scratch surface.
2. Remove the canopy (D) from the mounting bracket (B) by loosening the nuts (E) on the bottom.
3. Use the mounting bracket (B) as a template to mark the screw hole positions onto the ceiling.
4. Install the mounting bracket (B) onto the ceiling by using appropriately sized mounting screws (C) and anchors (A). Ensure the mounting screws (C) and anchors (A) used are suitable for the mounting surface and the surrounding environment.
5. Determine the suspension length required for your luminaire at the installation location. To adjust the luminaire suspension cables, follow the below steps:
 - If the suspension needs to be reduced – The excess cable can be pulled through the cable anchorage (I) until the desired length has been reached.
 - If the suspension needs to be extended – Press in and hold the middle cylinder of the cable anchorage (I) and pull the suspension cable back out from the cable anchorage.Once the desired suspension length has been reached, adjust the power cord of the luminaire by gently pulling excess cord through the cable anchorage, so that it hangs loosely around its neighbouring suspension wire. Ensure the excess of the suspension cables are tightened and well placed around the mounting bracket (B).
6. The colour temperature of this luminaire can be pre-set to a desired colour temperature at the time of installation OR operated via the connected wall switch. Use the toggle switch (J) in the luminaire canopy (D) to select your desired colour temperature (“WW” for 3000K *Warm White*, “CW” for 4000K *Cool White*, or “DL” for 5000K *Daylight*) or move the switch to the “WC” (*Wall Control*) setting to enable “Scene Change at the Wall Switch” functionality.

NOTE: The colour temperature mode selection **MUST** be made during the installation, as the toggle switch (J) is located inside the canopy (D) of the luminaire, and can only be accessed by a licensed electrician.

7. Connect the mains supply wire to the terminal block (H). Ensure the earth wire is connected to the earth terminal (G). Ensure that the wires are secure, and no bare wires are exposed.

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

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

8. Install the canopy (D) back onto the mounting bracket (B) and secure by tightening the nuts (E) on the bottom.

NOTE: the nut behind the cord anchorage (I) can be adjusted slightly from side to side to ensure proper alignment during assembly of the mounting bracket (B), canopy (D) and nut (E).
9. After the installation, switch on the luminaire to test all the lighting functions and enjoy your new luminaire.

SCENE CHANGE AT THE WALL SWITCH (3000K – 5000K – 4000K):

- To operate the “Scene Change at the Wall Switch” colour shifting function, use the connected mechanical or relay ON/OFF wall switch.

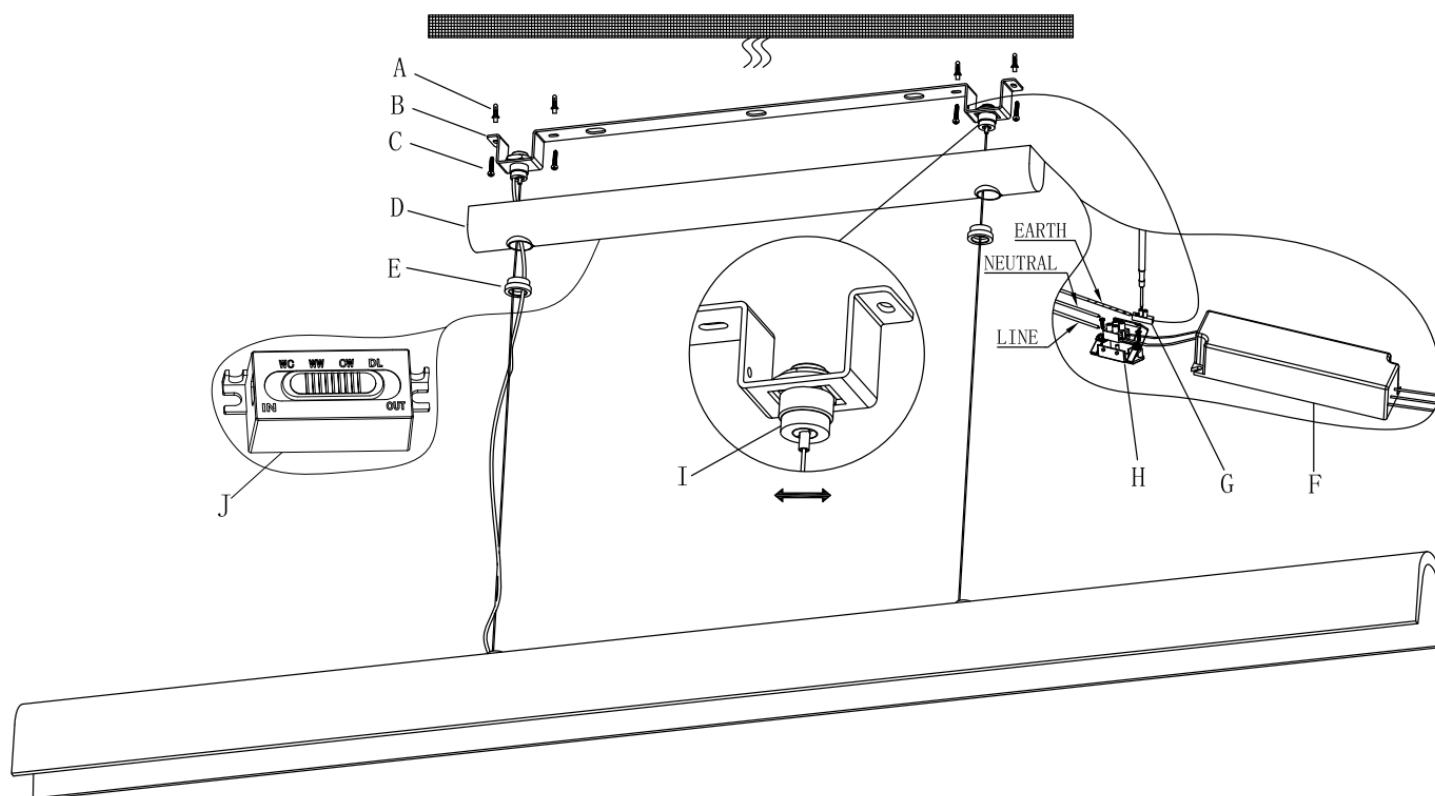
NOTE: The switch inside the canopy of the luminaire must be at the “WC” (Wall Control) position.

NOTE: If the luminaire is installed with dimmer, it is recommended to turn the dimmer to the highest position before adjusting the colour temperature as below.

- 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. Repeat if it doesn't reset.

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

INSTALLATION DIAGRAM:



Safety Tips

- Ensure power is OFF and the luminaire has cooled before maintenance, cleaning or adjustment.
- 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.
- Ensure that the luminaire does not come in contact with corrosive chemicals/solvents or abrasive cleaners etc.
- To clean, wipe with a soft damp cloth. Do NOT soak or immerse the luminaire in water or other liquids.
- The LED light source within this luminaire is not replaceable; when the light source reaches its end of life, the whole luminaire shall be replaced. Do not attempt to dismantle or open the main body of this product.
- The LED Driver (F) 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 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 #	028163	028164
Colour/Finish	Natural Travertine	Lava Stone
Rated Voltage	220-240V~ 50Hz	
Rated Wattage	42W Max.	
LED Driver	CA-040-040E2F-1000 (SKU# P020001)	
LED Specs	Colour shifting (3000K-4000K-5000K) LEDs *, Dimmable, CRI>90	
Rated Lumens	2200 lumens Max.	1700 lumens Max.
Highly Recommended Dimmers	All Lucci , MFL and Buster+Punch Dimmers	
Compatible Dimmers	Clipsal : 31E2PUDM, 31E2RUDM, 32E450UDM; DIGINET : LED Smart MEDM; HPM : Cat. 400T.	
Weight	9.2kg	9.5kg
Canopy Dimensions	L:600mm W:40mm H:50mm	
Luminaire Dimensions	L:1500mm W:65mm H:87mm Susp:1500mm Max.	

***NOTE:** Use the canopy toggle switch to select WW (3000K), CW (4000K), DL (5000K), or WC for “Scene Change at the Wall Switch” functionality. Only change the toggle switch when power to the luminaire is OFF.

***NOTE:** “Scene Change at the Wall Switch” is intended for mechanical or relay ON/OFF switches and selected compatible dimmers listed above. It may not work correctly with all semi-conductor switches or any switch with a soft-start function.