

**COATES 2 LIGHT LINEAR ADJUSTABLE PENDANT**

SKU# 020955, 020957

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.
- 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.
- **“Scene Change at the Wall Switch”** functionality is enabled when the toggle switch on 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 Artisan 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 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 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.

## 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 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 (G) by loosening the screws (F) on the side.
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 surrounding environment.
5. Determine the suspension length required for your installation and connect the different sections of suspension rods (H, J, K, L) required onto the body (M) of the luminaire, and join different rod lengths (if required) with the treaded pipe (I), finishing with a threaded pipe (I) at the top of each suspension rod assembly. Feed the luminaire cords through as you assemble to remove any slack.

**NOTE: Take care not to cross thread the suspension rods, or twist and damage the luminaire cords.**

**NOTE: For a Close-to-Ceiling installation, use 1x 150mm rod (L) for each side of the suspension assembly.**

6. Feed the luminaire cords through one of the holes of the canopy (G), then insert the tops of each of your suspension rod assemblies into the holes of the canopy (G).
7. Install the set of fixing components for the unpowered side of the fitting (D) from the inside of the canopy (G) and onto the top of the non-wired suspension rod assembly, beginning with the flat washer, followed by the star washer, lock washer and the hex nut.

**NOTE: Ensure that the flat washer, star washer and hex nut are installed in the correct sequence.**

8. Install the set of fixing components for the powered side of the fitting (E) from the inside the canopy (G) and onto the top of the wired suspension rod assembly, feeding the luminaire cords through each of the components as they are installed, beginning with the flat washer, followed by a star washer, the earth wire ring, second star washer and the hex nut. **NOTE: Ensure that the flat washer, star washer, earth ring, second star washer and hex nut are installed in the correct sequence.**


**NOTE: Ensure both hex nuts are secured tightly to each of the suspension rod assemblies.**

9. Connect the luminaire cords (N, O, P) into their corresponding terminals (P => C-, O => +, N => W-) of the push wire terminal block (Q) connected to the toggle switch (R) output end.
10. Attach the connector (S) of the toggle switch (R) input end to the connector (T) of the LED driver (U) output end.
11. Connect the mains supply wire to the terminal block (V) of the LED driver (U) input end and the earth wire of the mains supply wire to the terminal block (W) of the earth wire now fixed to the suspension rod assembly within the Canopy (G). Ensure the wires are secure and no bare wires are exposed.

### 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.**

12. Install the canopy (G) onto the mounting bracket (B) and secure by tightening the screws (F) on the sides.
13. Adjust the luminaire shades to you desired angle. **NOTE: Do not adjust the arms shades more than 330° as shown, as this may damage the joint or internal wiring.**

14. The colour temperature of this luminaire can be pre-set to a desired colour temperature OR operated via the connected wall switch. Use the toggle switch (R) on 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*) or move the switch to the “WC” (*Wall Control*) setting to enable “Scene Change at the Wall Switch” functionality.

**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.**

15. 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):**

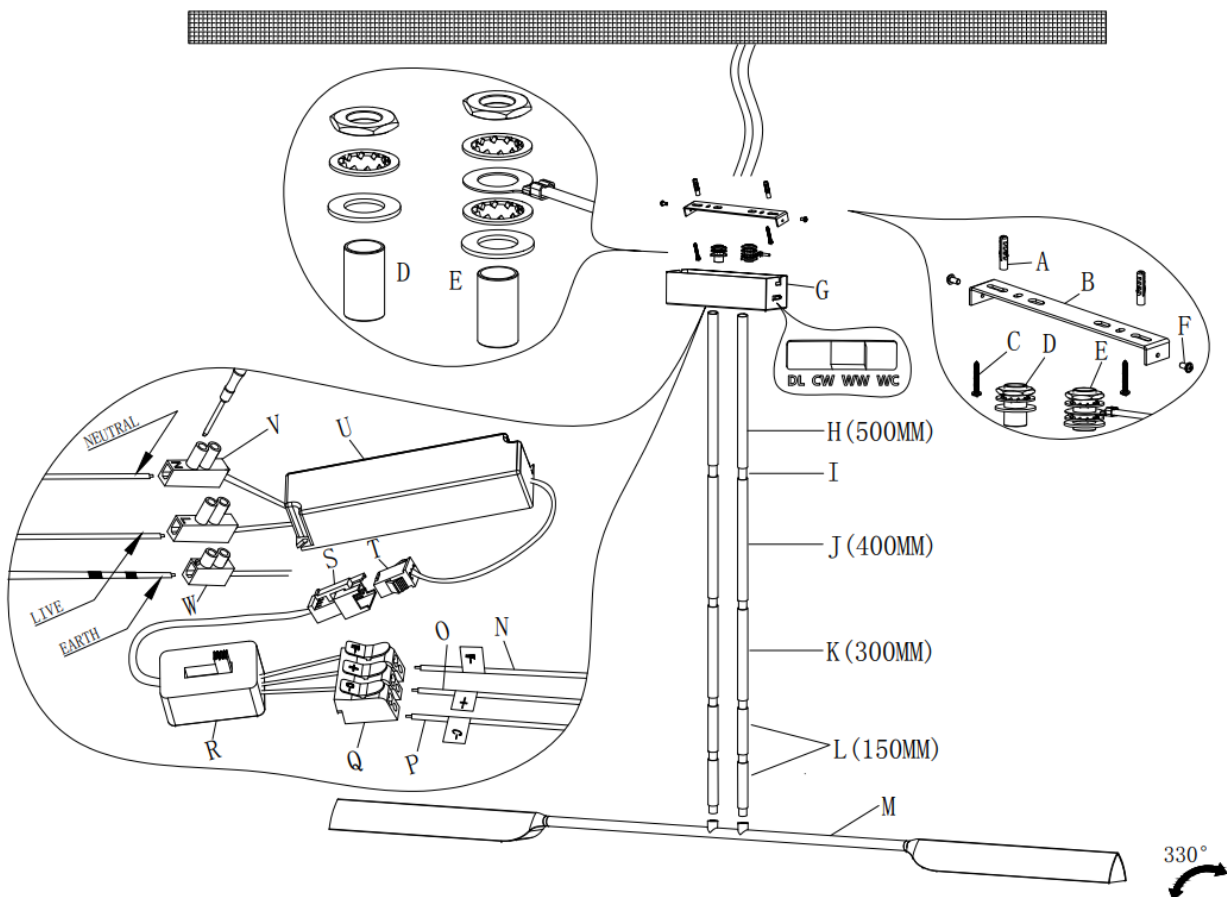
- To operate the “Scene Change at the Wall Switch” colour shifting function, use the connected mechanical or relay ON/OFF wall switch.

**NOTE: The switch on the canopy of the luminaire must be at the “WC” (Wall Control) position. Do not adjust the position of the switch unless power to the luminaire has been switched off.**

**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 Artisan or Lucci Power Dimmer, please see the Dimmer Installation Manual for instructions on how to operate the colour shifting functions correctly.**



**NOTE: When adjusting the angle of the arms shades, do not adjust more than the 330° angle as shown, as this may damage the adjustable joint, the internal wires and will void warranty.**

## 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 power leads and screws are secure before connecting power.
- Select a suitable location away from liquids and hazards.
- To clean, wipe with a damp clean 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 #	020955	020957
Colour	Antique Brass finish	Chrome
Rated Voltage	220-240V~ 50Hz	
Rated Wattage	32W	
LED Specs	Colour shifting (3000K-4000K-5000K) LEDs *, Dimmable, CRI>90	
Rated Lumens	2000 lumens Max.	
Highly Recommended Dimmers	Lucci Power SKU# 290989, 290992, 290993, 290994. MFL Artisan SKU# 197015, 197016, 197017, 197018. Buster + Punch DIM-002	
Compatible Dimmers	Clipsal: 31E2PUDM, 32E450UDM, 42E350RUD2M-VW DIGINET LED Smart MEDM HPM Cat. EM400TR DETA 6032B series 2 TRADER PMPUSHWVD2M-VW (299184)	
Weight	2.9kg	
Canopy Dimensions	H:50mm W:60mm L:184mm	
Luminaire Dimensions	H:60mm L:1495mm W:80mm Susp:1500mm MAX	

**\*NOTE:** Use the toggle switch on 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*) or move the switch to the “WC” (*Wall Control*) setting to enable “Scene Change at the Wall Switch” functionality. 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.

**\*NOTE:** The “Scene Change at the Wall Switch” 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 this 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.