

NEPTUNE 790MM LED CCT PENDANT

SKU# 050627

Rated Voltage 220-240V~ 50Hz

Thank you for purchasing this quality Mayfair product. 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.
- The use of non-compatible dimmers may damage your 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 the 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 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.
- The colour shifting function will only operate with a mechanical or relay ON/OFF switch.
- The colour shifting function will not operate with a semi-conductor ON/OFF switch (e.g. smart switch) or a dimmer with built in ON/OFF switching function (e.g. smart dimmer). An additional mechanical or relay ON/OFF switch is required on the same circuit with the semi-conductor ON/OFF switch or the dimmer with ON/OFF switching function with this luminaire.
- This luminaire is dimmable and was tested with the dimmers listed in the specification section at the date of publication. The use of a LED dimmer such as the Lucci LEDlux SKU# 290998 or SKU# 290997 dimmer is highly recommended.

NOTE: For the best dimming range, use the Lucci LEDlux SKU# 290998 dimmer and adjust the variable resistor at the minimum and maximum dimming positions on the dimmer during the installation.

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).

- 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 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 suspension length required for your installation by loosening the cord anchorage (K) and adjusting the length of the suspension cord (L). Tighten the cord anchorage (K), take care not to overtighten and damage the cord.
3. Remove the mounting bracket (B) from the canopy (I).
4. Use the mounting bracket (B) as a template to mark the screw positions on the ceiling.
5. 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.
6. Connect the luminaire wires (black, red, white) to the push wire terminal block (F) connected to the LED driver (E) output end.
7. Open the cover of the terminal box(D) and connect the mains supply wires to the screw terminal block connected to the LED driver input end.

Connect the mains supply wire to the terminal block.

Mains Supply Wire

Earth – Yellow/Green 

Neutral – Blue or Black

Live – Brown or Red

Luminaire Wire / Terminal Block

Yellow/Green 

Blue or N

Brown or L

Connect the earth wire of mains supply wire (Earth – Yellow/Green) to the single earthing terminal block (G) from Canopy(I).

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

8. Install the cover back onto the terminal box (D) and ensure the cover is firmly fixed.

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

9. Install the canopy (I) onto the mounting bracket (B) and secure by tightening the screws (H)
10. After the installation is complete, switch on the luminaire to test and enjoy your new lighting product.
11. To operate the colour shifting function, use the wall switch.

- While the luminaire is on, toggle the wall switch OFF and ON again within 3 seconds.

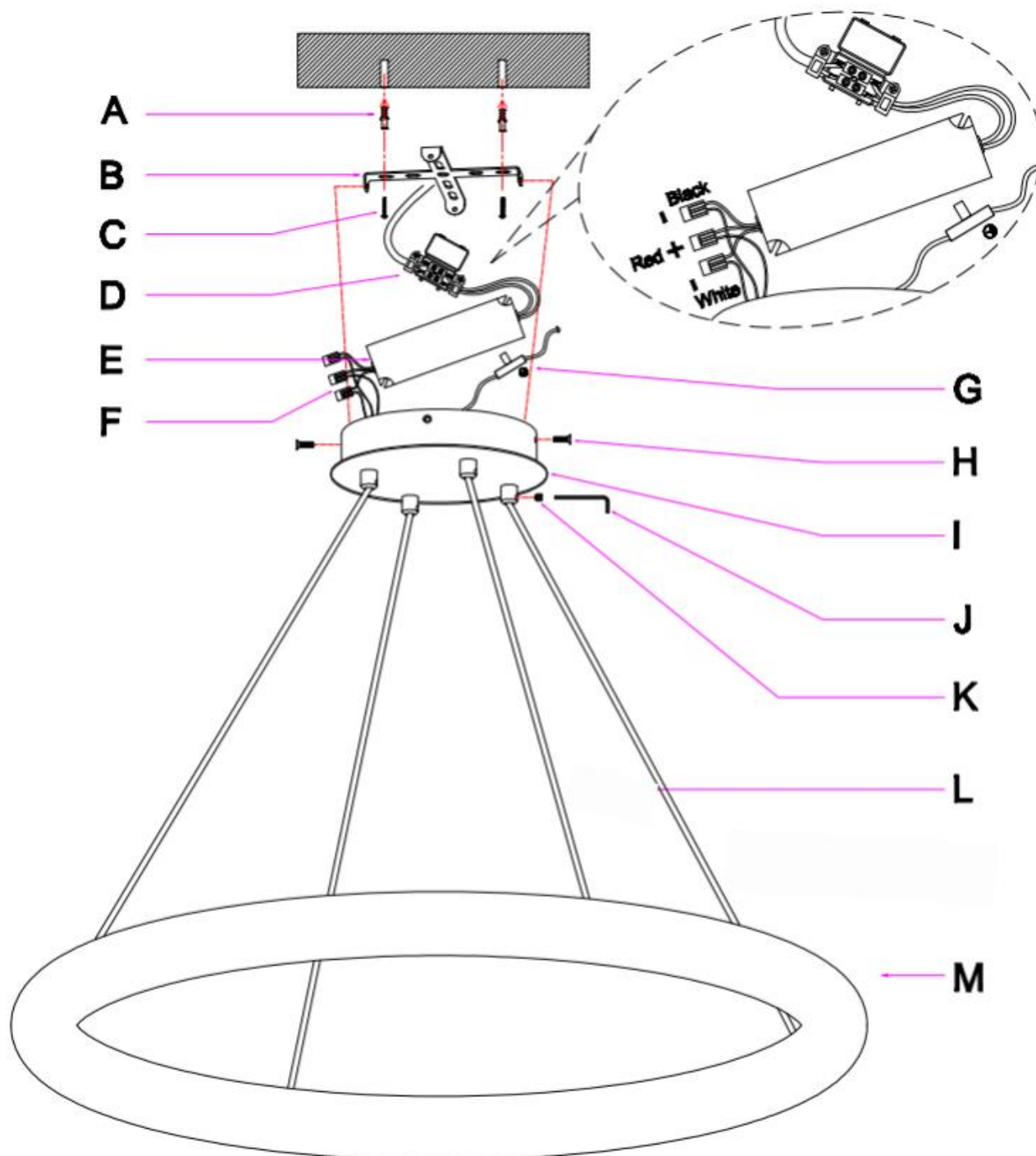
The colour shifting sequence will jump from 2700K → 4500K → 3500K.

- 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.

NOTE: The colour shifting function will only operate with a mechanical or relay ON/OFF switch.

NOTE: The colour shifting function will not operate with a semi-conductor ON/OFF switch.



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 the 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.

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. e.g. Lucci LEDlux SKU# 290998 dimmer. This 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 #	050627
Colour	Real Brass and Alabaster
Rated Voltage	220-240V~ 50Hz
Rated Wattage	40W
LED Specs	Colour switching LEDs, Dimmable, CRI>90
Colour Temperature and Lumens	2700K – 2100 lumens 4500K – 2350 lumens 3500K – 2500 lumens
Highly Recommended Dimmers	Lucci LEDlux SKU# 290998, 290997, 299043, 290989, 290992, 290993, 290994. BUSTER+ PUNCH: DIM-002
Compatible Dimmers	32E450TM, 32E450UDM, 31E2PUDM, 32ELEDM, HPM Cat. 400T. LUMEX Load Smart LT1D450LS
Weight	11.5kg
Canopy Dimensions	D:200mm H:40mm
Luminaire Dimensions	D:790mm H:60mm Susp:2000mm MAX