

MFL BOYD LED CCT LINEAR FLUSH MOUNT

SKU# 181055, 181056, 181057, 18058.

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.
- 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 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.
 - Ensure the luminaire is not installed in direct line of an air vent/system.
 - 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.
- This luminaire is dimmable and was tested with the dimmers listed in the specification table at the date of publication. The use of a 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 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 of the luminaire, two people may 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 from the luminaire by loosening the screws on the side. (Fig. A)
3. Use the mounting bracket to mark the screw hole positions on the ceiling. (Fig. B)
4. Install the mounting bracket onto the ceiling by using appropriately sized mounting screws and anchors. Ensure the mounting screws and anchors used are suitable for the mounting surface and the surrounding environment. (Fig. C)
5. Connect the mains supply wire to the terminal block. (Fig. D)

Mains Supply Wire

Earth – Yellow/Green

Neutral – Blue or Black

Live – Brown or Red

Luminaire Wire / Terminal Block

Yellow/Green or 

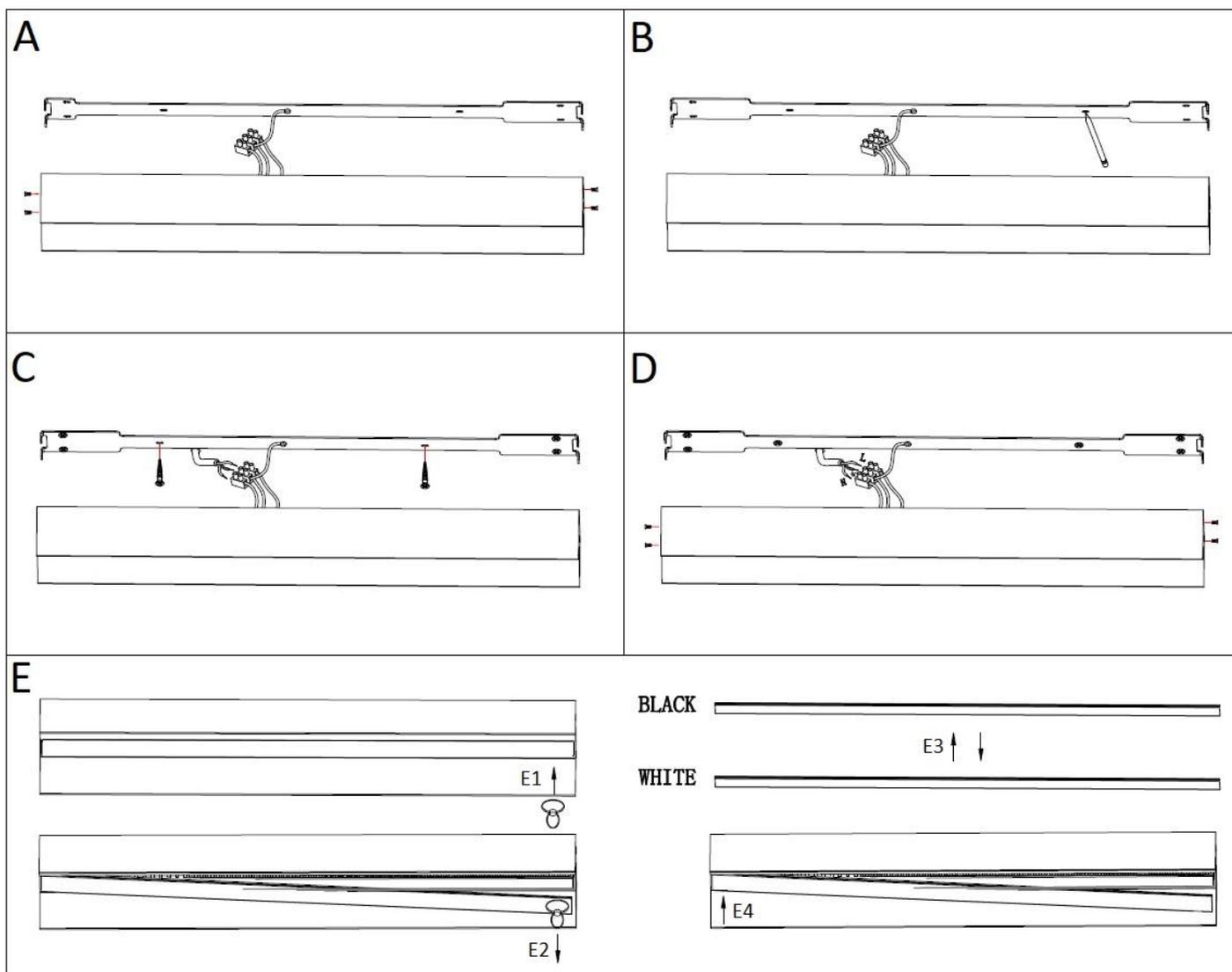
Blue or N

Brown or L

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

NOTE: Ensure the earth wires from the mounting bracket and luminaire body are connected to the earth terminal on the terminal block.

6. Ensure the wires are secure and no bare wires are exposed at the terminal block.
7. Install the luminaire back onto the mounting bracket and secure by tightening the screws on the sides. (Fig. D)
8. To swap between the black or white diffuser, use the supplied suction cup. (Fig. E)
 - Use the black diffuser for reduced glare.
 - Use the white diffuser for maximum light output.
 - Firmly place the suction cup onto the diffuser on the luminaire. (Fig E1)
 - Gently pull the suction cup down to remove the diffuser from the luminaire. (Fig. E2)
 - Select either the black or white diffuser; (Fig. E3)
 - Use the black diffuser for reduced glare.
 - Use the white diffuser for maximum light output.
 - Gently push and install the diffuser back into the luminaire and ensure it clicks and locks into position. (Fig. E4)
9. To operate the colour shifting function, use the connected mechanical or relay ON/OFF 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 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.
10. After the installation is complete, switch on the luminaire to test all functions before the licensed electrician leaves.



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 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.

Specifications				
SKU #	181055	181056	181057	181058
Colour	Textured White	Textured Black	Textured White	Textured Black
Rated Voltage	220-240V~ 50Hz			
Rated Wattage	43W Max.		20W Max.	
LED Specs	Colour shifting LEDs*, Dimmable, CRI>90			
Rated Lumens	<p>BLACK DIFFUSER 3000K – 300 lumens 4000K – 350 lumens 5000K – 300 lumens</p> <p>WHITE DIFFUSER 3000K – 2650 lumens 4000K – 3050 lumens 5000K – 2900 lumens</p>		<p>BLACK DIFFUSER 3000K – 150 lumens 4000K – 150 lumens 5000K – 150 lumens</p> <p>WHITE DIFFUSER 3000K – 1200 lumens 4000K – 1350 lumens 5000K – 1300 lumens</p>	
Highly Recommended Dimmers	Lucci Power: SKU# 290989, 290992, 290993, 290994. MFL Artisan: SKU# 197015, 197016, 197017, 197018. Lucci LEDlux: SKU# 290997. Lucci Connect: SKU# 299043. Buster + Punch: DIM-002.			
Compatible Dimmers	Clipsal: 31E2PUDM, 31E2RUDM, 32E450TM, 32E450UDM. DIGINET: LED Smart MEDM. HPM: Cat. 400T			
Weight	2.5kg		1.4kg	
Dimensions	H:65mm L:1200mm W:100mm		H:65mm L:600mm W:100mm	

* 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.