

LUCCI POWER 50W EMERGENCY PACK

SKU# 178297

Rated Voltage 220-240V~ 50/60Hz

To ensure correct function and safety, please read and follow all instructions carefully before assembly, installation and use of this emergency pack. Please keep instructions for future reference.

Warranty

- This emergency pack is covered by a 5-year warranty valid for in-store replacement or refund only.
- The warranty period starts from the date of purchase, not the date of installation. Please retain the proof of purchase.
- The use of non-compatible dimmers may damage your emergency pack and will void your warranty.
- Warranty will be void if there is any damage due to improper usage or modification to the emergency pack.
- Failure to comply with the instructions in this manual may increase the risk of damage or injury and will void the warranty.

Installation Requirements

- All wiring and installation of the emergency pack must adhere to latest local and national wiring rules. e.g. AS/NZS 3000 Electrical installations. If unsure, please contact a licensed electrician.
- Select a suitable location for installation:
 - The mounting point must support 2 times the weight of the emergency pack.
 - This emergency pack is suitable for indoor use only
 - If installing the emergency pack 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 emergency driver is not intended for use in luminaries for high-risk task area lighting.

- 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 emergency pack.

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.

- The emergency pack must be placed at least 10mm away from any other driver.
- The emergency pack is only suitable for use with Lucci LED downlights specified in the specification chart.
- 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 emergency pack 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

1. Remove all packaging material from the product. Check carefully for accessories that may be concealed within the packaging.
2. Identify the luminaire to be connected to the emergency pack.

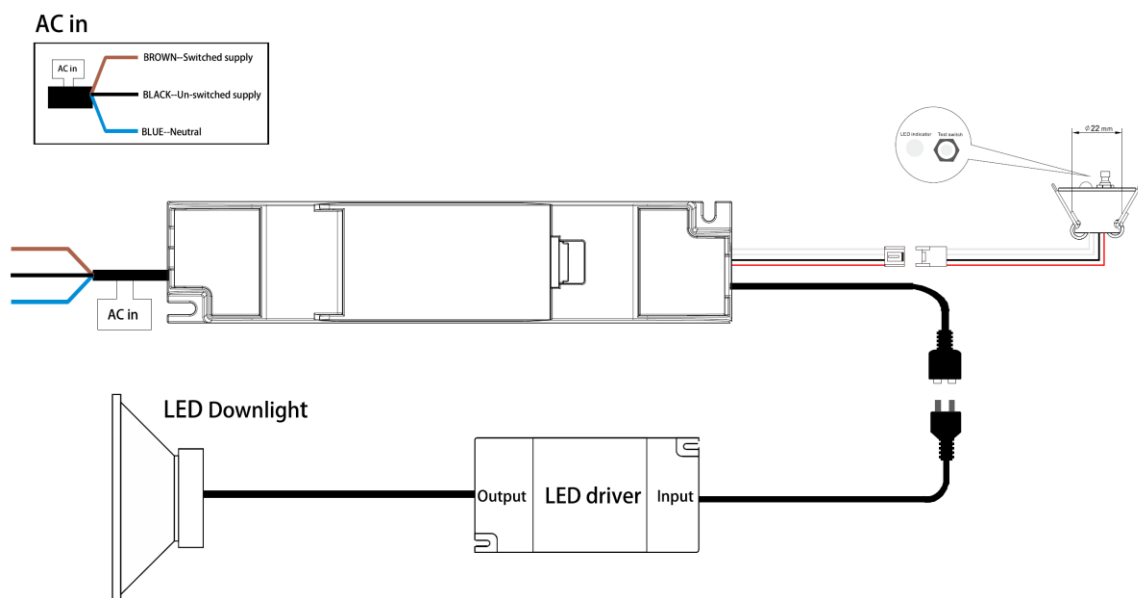
NOTE: This emergency pack is designed to operate one luminaire only. Do not connect multiple luminaires.

3. Remove the luminaire and install the emergency power pack as shown in the diagram below.
4. Connect the wiring as follows:
 - Black – Hard active
 - Brown – Switch wire
 - Blue – Neutral

5. For the test/indicator fitting, cut a hole of Ø 25mm in the ceiling

NOTE: It is recommended to keep the fitting at least 100 mm away from both the luminaire and the emergency pack.

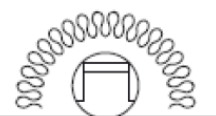
6. Insert the test/indicator fitting into the hole and plug it into the emergency pack.
7. Once installation is complete, switch on the luminaire and confirm all lighting functions operate correctly.



Safety Tips

- Always ensure the power is OFF and the emergency pack has cooled down before performing any maintenance, cleaning or making any adjustment to the emergency pack.
- The external flexible cable or cord of this recessed luminaire cannot be replaced; if the cable or cord is damaged, the emergency pack shall be destroyed.
- To avoid injury or damage to the emergency pack, ensure that power leads and screws are secure before connecting the power.
- To clean, wipe with a soft damp clean cloth. Do NOT soak or immerse the product in water or other liquids.
- Ensure the emergency pack does not come in contact with corrosive chemicals/solvents or abrasive cleaners etc

IC Classification – AS/NZS 61347.1:2016 + A1:2018 (Control Gear)



An independent control gear that can be abutted against normally flammable materials, including building insulation, and can be covered in normal use. Building elements, building insulation or debris have restricted access to the heated parts of the control gear.

Automatic testing and manual test function.

You can select between manual test or self-test mode on the emergency driver. The emergency driver comes set to default on self-test mode.

NOTE: Manual tests can still be carried out while the emergency driver is in self-test mode, by pressing the test button.

NOTE: 16 hours charging time is required to allow the battery to reach full capacity. Prior to performing a duration test.

In self-test mode the driver will conduct 3 tests:

Initial test – This is a quick 3 second test to check if there are any faults with the emergency driver.

- As soon as mains supply is connected, the emergency driver will out the 3 second test automatically.
- If a fault is detected, the indicator LED will turn solid red.
- If no faults are found, the unit will begin normal charging.

Functional test – Checks battery charging, discharging and the emergency output performance.

- The emergency driver will conduct this test every 30 days for 10 seconds.

Duration test – Checks the batteries capacity to ensure it can supply the required duration.

- The emergency driver will conduct this test every 180 days.

Rest mode – Turns off the emergency driver when in emergency mode.

- To activate rest mode press and hold the test button for more then 3 seconds.
- The driver will automatically exit rest mode once AC mains power is restored.

LED indicator status

	Colour	LED Indicator	Status	Comment
	Green	Slow flashing (3 seconds on, 1 second off)	Chargin mode	
	Green	Permanent green	Fully charged	
	Green	Fast flashing (0.1 second on, 0.1 second off)	Function test underway	
	Green	Slow flashing (1 second on, 1 second off)	Duration test underway	
	Red	Permanent red	Load failure	Open circuit/ Short circuit/ LED failure (emergency mode)
	Red	Slow flashing red (1 second on, 1 second off)	Battery failure	Battery failed the duration test or function test/No battery detected
	No colour	Off	DC mode	Battery operating (emergency mode)

Manual test button

- Press the manual test button to test emergency operation.
- Press the manual test button for 15 seconds to clear all faults.

Specifications				
SKU #	178297			
Rated Voltage	220-240V~ 50/60Hz			
Rated Wattage	8W			
Highly Recommended Dimmers	Lucci Power: SKU# 290989, 290992, 290993, 290994. MFL Artisan: SKU# 197015, 197016, 197017, 197018. Buster + Punch DIM-002.			
Compatible Dimmers	Clipsal PDL354RDMLED-VW, 32E450UDM, 31E2PUDM. DIGINET LED Smart MEDM. HPM Cat. 400T.			
Compatible Luminaires	Downlights	Pendants	LED panels	Flush Mounts
	Vivid Infinity City III Accent Custom Eclipse Flare Zesta	Strix	LED panel (180007, 180008, 180009)	Kiyo (189252)
Weight	0.3kg			
Cut-out Size	Ø25mm (Test/indicator fitting)			
IP Rating	IP20			
Control Gear Classification	IC			
Operation	Maintained			
Dimensions	Emergency Pack: L: 280mm W:43mm H:30mm Test/indicator fitting: Ø25mm			
Driver Model #	YH26FT-08WL-3003			
Charge time	16 Hours NOTE: The recharging device is capable of restoring the battery to normal operation after being operated at 1.1 times the rated supply voltage and at the maximum declared ambient temperature, with the batteries removed and replaced by a short-circuit load.			
Battery Model #	YHBL-2-4.4			
Battery specs	LiFePO4 6.4V 4.4Ah cells:18FC-7.4Wh 3.2V 2.2Ah 7.04Wh Supply voltage polarity reversal protection Rated emergency discharge duration (8W load): 2 hours			
Insulation between battery circuit and supply	Double reinforced			