

Important Information

We recommend that luminaires are installed by a qualified electrician ensuring the installation complies with current IEE wiring regulations & local building control.

- On emergency fittings, all tests should be carried out in accordance with current emergency lighting regulations.
- BELL Lighting will not accept responsibility for any claims arising from poor installation.
- Testing microwave sensors first is strongly advised due to their high sensitivity and capability to detect movement through obstacles like walls, glass, and doors. This, combined with their tendency to be overly sensitive at close range (even at lowest settings), makes initial testing crucial to avoid false triggers.
- The distance between any inductive sensors should be greater than 3m.
- Microwave maximum operating height is 3.2m.
- The operating temperature should be between -20 and 35°C, and 0 to 35°C for emergency fittings.
- Ensure that there is adequate free air ventilation around the fitting.
- Always switch off mains supply before installing.
- Upgrading of MCB may be necessary.
- Not suitable for ATEX hazardous zones (explosive atmospheres).
- Not suitable for petrochemical installations.
- To ensure optimum performance, keep the front diffuser clean. Wipe with a soft, damp lint free cloth. Do not use soaps, detergents, solvents or abrasive materials.
- Indoor use only, not suitable for outdoor use or areas of high humidity.
- Not intended for use by children.

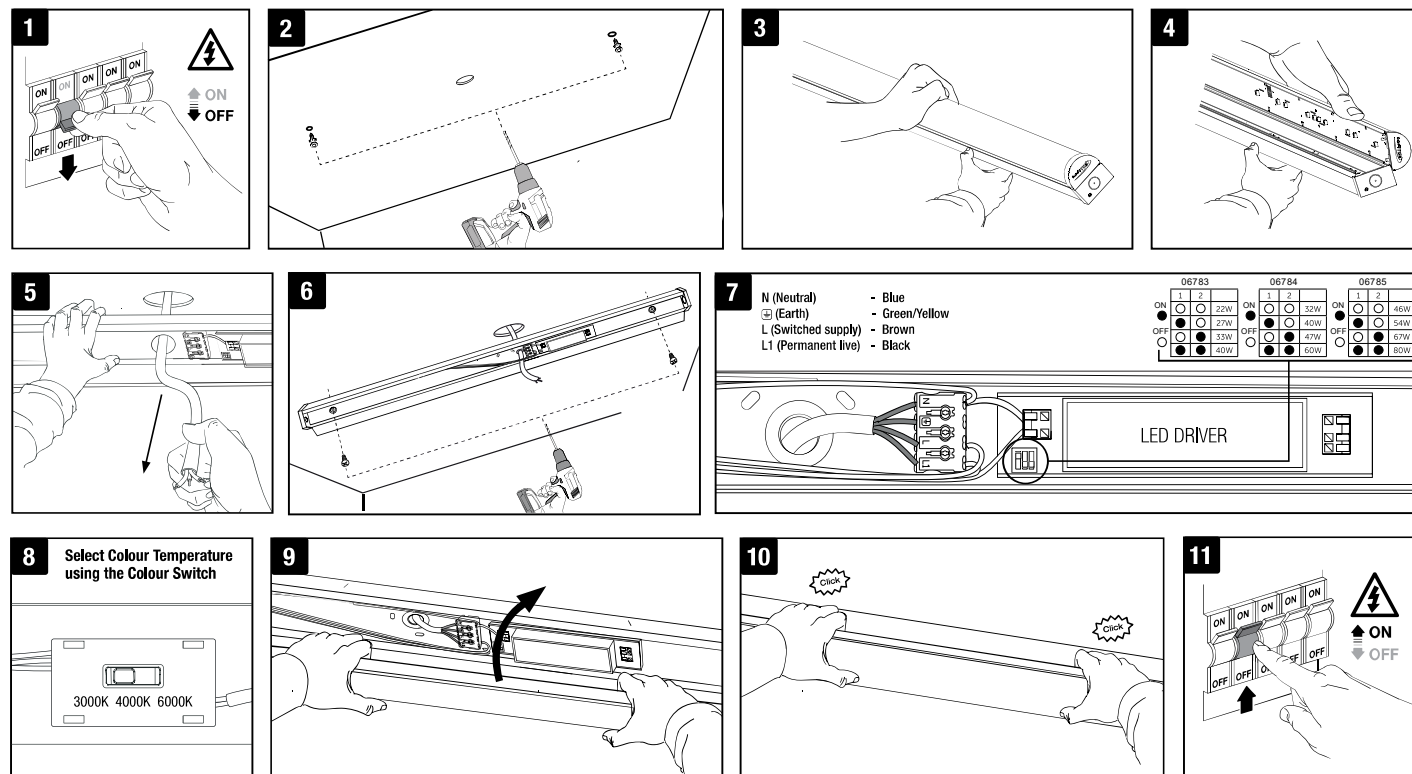
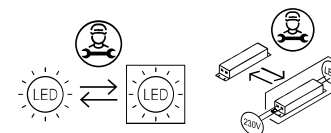
This product may contain substances that can be hazardous to the environment if not disposed of properly. Electrical and electronic equipment should never be disposed of with general household waste but must be separated for its correct treatment and recovery. Where possible recycle your packaging.



Read these instructions before installation and retain for future reference This equipment should be installed by a competent electrician



This luminaire contains a light source with energy rating D



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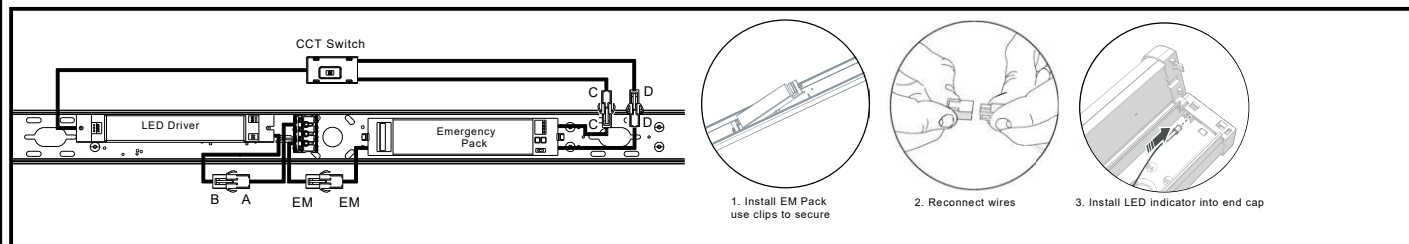
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Installing Emergency Pack / Emergency Self-Test Pack Accessory



1. Sensitivity

Sensitivity can be adjusted by selecting the combination on the DIP switches for different applications.

	1	
I	●	100%
II	○	50%

2. Hold-time

Hold-time refers to the timer period that the light remains 100% on if no more movement is detected.

	2	3	
I	●	●	5s
II	●	○	90s
III	○	●	5min
IV	○	○	15min

3. Daylight threshold

Different daylight threshold can be present on DIP switches. Light will always turn on upon movement if daylight sensor is disabled.

	4	5	
I	●	●	Disable
II	●	○	50Lux
III	○	●	20Lux
IV	○	○	5Lux

4. Stand-by time

This is the time period that the light remains at a low level before it is completely turned off

	6	7	
I	●	●	0s
II	●	○	10s
III	○	●	10min
IV	○	○	∞

5. Stand-by dimming level

Light can be dimmed to different levels after hold-time.

	8	
I	●	10%
II	○	30%

SELF TEST INFORMATION FOR EMERGENCY ACCESSORY AU-EM2ST:

PRODUCT MUST BE CHARGED FOR 24 HOURS UNINTERRUPTED AFTER INSTALLATION

LED INDICATOR STATUS			
Green		Red	
Green	Flash 1 x per second	Red	Flash 2 x per second
Green	Flash 2 x per second	Red	Flash 4 x per second
Green	Flash 4 x per second		
System Healthy		Battery Charging Fault	
Duration Test Pending		Battery Duration fault	
Duration Test Running		Lamp or Luminaire Fault	
Functional Test Running			

DURATION TESTING (3 HOURS)

- An automatic duration test will occur at a random point between 24 - 48 hours after commissioning to allow for battery charging
- An automatic duration test will occur annually at a random point in the 52nd week of each year
- A duration test that has been delayed by events such as a power cut or interruption or insufficient charging will be automatically rescheduled.
- The Green LED will flash 1 x per second to indicate there is a pending duration test.
- Any faults found during duration testing will be reported via the LED indicator as detailed above. Re-commissioning is required to clear any faults.

FUNCTIONAL TESTING (<2 MINUTES)

- An automatic duration test will occur every 7 days.
- Any faults found during duration testing will be reported via the LED indicator as detailed above. Re-commissioning is required to clear any faults.

LAMP OR LUMINAIRE FAULT

- Turn off the supply and replace or correct any fault with the lamp or luminaire then reconnect the supply.
- If the battery and power have been disconnected, the module will re-commission and automatically test the replacement.
- A successful functional test will override any faults reported by a duration test. A full duration test or re-commissioning is required to clear fault reports.

BATTERY FAULT

- Turn off the un-switched supply to the emergency module and replace the battery, then reconnect the supply.
- If the fault was due to the battery not being connected, the un-switched supply must still be turned off when connecting the battery to clear the battery fault.
- After reconnecting the supply, the emergency module will then re-commission and so automatically test the replacement at a random point between 24 - 48 hours after commissioning to allow for the battery to charge fully.

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Emergency Installation and Inspection

Installation / Test Record	Serial / Luminaire Number:							
	Installed By:				Date:			
	Commissioned By:				Date:			

	Year 1		Year 2		Year 3		Year 4*	
Monthly test	Signed	Date	Signed	Date	Signed	Date	Signed	Date
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

*The battery must be replaced

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