

LEDEM01

Installation instructions

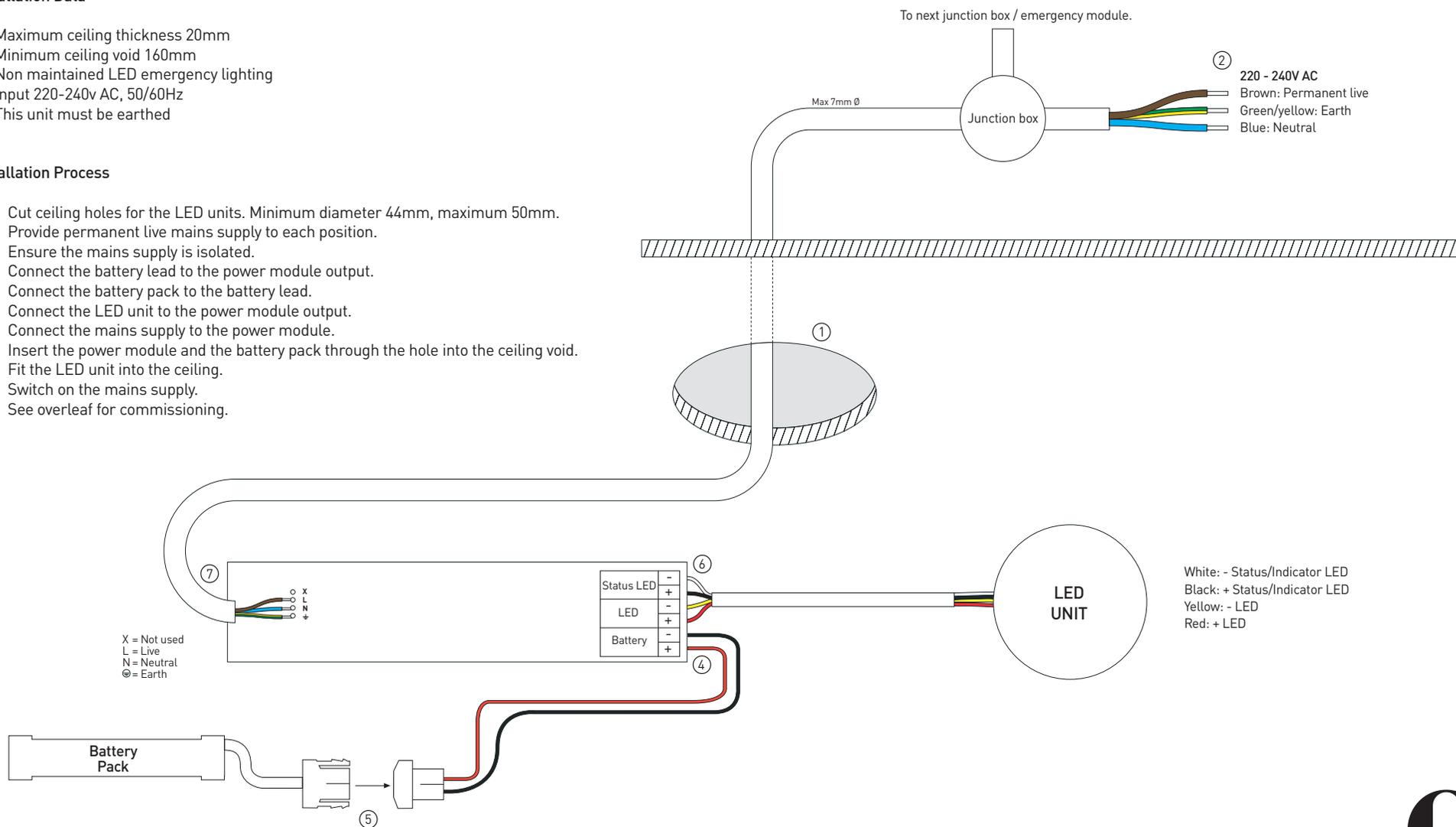
The position of the emergency LEDs should already have been determined.
If required, refer overleaf to the distance and spacing chart.

Installation Data

- Maximum ceiling thickness 20mm
- Minimum ceiling void 160mm
- Non maintained LED emergency lighting
- Input 220-240v AC, 50/60Hz
- This unit must be earthed

Installation Process

1. Cut ceiling holes for the LED units. Minimum diameter 44mm, maximum 50mm.
2. Provide permanent live mains supply to each position.
3. Ensure the mains supply is isolated.
4. Connect the battery lead to the power module output.
5. Connect the battery pack to the battery lead.
6. Connect the LED unit to the power module output.
7. Connect the mains supply to the power module.
8. Insert the power module and the battery pack through the hole into the ceiling void.
9. Fit the LED unit into the ceiling.
10. Switch on the mains supply.
11. See overleaf for commissioning.



HALERS
RANGE

LEDEM01

Installation instructions



Emergency Pack Commissioning

1. Provide an uninterrupted mains power supply for 24hours.
2. Check that the green indicator LED light is lit. This confirms that the batteries are charging. The light is integral to the LED unit.
3. Remove the mains supply. The lamp will operate under battery power for 3 hours minimum.
4. Restore mains power to the unit, check light functions correctly.

Repeat step 3 after a 24 hour period.

Note

- In normal operation, the green LED will be constantly lit to indicate that the battery is charging. If the green LED is ever not lit, investigate immediately and rectify the fault.
- Periodic testing of the unit must be performed in line with the appropriate regulations.

	A	B	C	D	E
Mounting Height (m)					
2.00	1.62	4.50	3.93	2.27	0.93
2.50	1.88	4.58	4.05	2.55	1.01
3.00	2.18	4.86	4.52	2.67	1.03
3.50	2.36	5.47	5.04	2.83	1.00
4.00	2.70	6.03	5.57	2.91	1.07

- A** = Distance from LED unit to wall- unit mounted transversely.
- B** = Distance between LED units - both units mounted transversely.
- C** = Distance between LED units - one mounted transversely, the other mounted axially.
- D** = Distance between LED units - both units mounted axially.
- E** = Distance from LED unit to wall - unit mounted axially.

NOTE: All distances in the chart are the maximum allowable.

If further information is required, go to www.collingwoodlighting.com