



Ledinaire Panel RC065B

RC065B LED32S EM PACK ELB3

The Ledinaire range contains a selection of popular off-the-shelf LED luminaires that comes with the high Philips quality levels at a competitive price. Reliable, energy efficient and affordable – just what you need.

3h duration emergency pack for use conversion of the following:
910503910199 RC065B LED32S/840 PSU W60L60 NOC

Product data

General Information	
Emergency lighting	Basic 3h emergency (ELB3)
Battery type	3 Cell NiCd D Cell 3.6V 4.0Ah High Temp Permanent Charge 200mA
Piece Dimension – Module	208mm x 47mm x 32mm
Piece Dimension – Battery	270mm x 38mm diameter
Supply Voltage	230-240 Volts AC 50/60 Hz
Insulation between supply & battery	Double Reinforced
Duration	3 Hours
Ambient Temp.	0°C to + 50°C
Max Case Temperature	75°C
Max Battery Temperature	55°C
Battery Fuse	Internal
Supply Fuse	Not fitted
Battery Discharge Current	1000mA Nominal
Discharge Voltage Limit	2.5V
Ingress Protection	IP20
Charge Current	200mA Nom.
Recharge Period	24 Hours

Product Data	
Material Nr. (12NC)	919913999629
Order product name	RC065B LED32S EM PACK ELB3
Net Weight (Piece)	0.68 kg

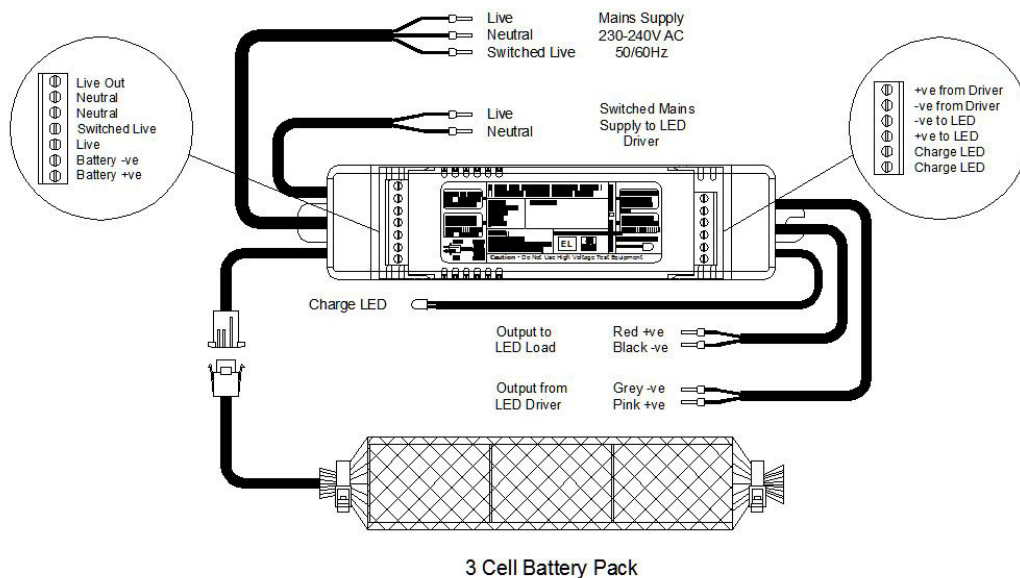
Installation instructions for RC065B LED32S EM PACK ELB3. Basic emergency 3h duration pack.

Refer to product datasheet and installation instructions for RC065B panel.

Ensure the load is connected.

- Connect the battery.
- Switch on the Unswitched Supply - Check the Charge LED illuminates.
- Switch on the Maintained Supply - Check the LED illuminates as normal.
- Switch off the Maintained Supply. • Switch off the Unswitched Supply - Check the Charge LED extinguishes and the load LED illuminates at a reduced output. • Enter the commissioning date on the Battery Pack. Switch on the Unswitched Supply

Typical wiring diagram



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WARNING

- Avoid running the LED mains driver and emergency pack without the load connected. Failure to do so may result in damage to the LED array.
- The emergency requires an unswitched supply for charging the battery and a switched supply if the unit is being used for maintained operation.
- Isolate both mains supplies and disconnect the battery before installation or maintenance.
- The luminaire shall be installed by a qualified electrician and wired in accordance with the latest EEE electrical regulations or the national requirements.

When installing the luminaire observe the following points:

- Fit the module & battery pack into the existing luminaire ensuring that they will operate within their temperature ratings.
- Ensure that the Permanent Live & Switched Live feeds are connected correctly.
- Requirements for 'F' markings must be observed.
- Identify clearly the NEW Un-switched supply.
- Ensure the LED Charge Indicator is clearly visible.
- This module is not intended for use in luminaires for high-risk task area lighting.
- This module is protected against battery polarity reversal.

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Installation instructions for RC065B LED32S EM PACK ELB3. Basic emergency 3h duration pack.

Refer to product datasheet and installation instructions for RC065B panel.

Remove the RC065B panel and driver from its packaging.

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A photograph showing the RC065B panel and driver being removed from their packaging. The panel is white and the driver is a small electronic component.

Remove the RC065B LED32S EM PACK ELB3 from its packaging.

4

A photograph showing the RC065B LED32S EM PACK ELB3 being removed from its packaging. The pack is white and the LED is a small component.

Connect the female jack plug of the emergency pack to the male jack plug of the fitting. Then connect the male jack plug of the emergency pack to the female jack plug of the driver, locking them into place.

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A photograph showing the emergency pack being connected to the fitting and driver. The pack is white and the fitting is a small component.

Connect the live and neutral cables from the emergency pack to the mains input of the driver and close the cable restraint cover, tightening the screw.

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A photograph showing the live and neutral cables being connected to the mains input of the driver. The cables are black and the driver is a small electronic component.

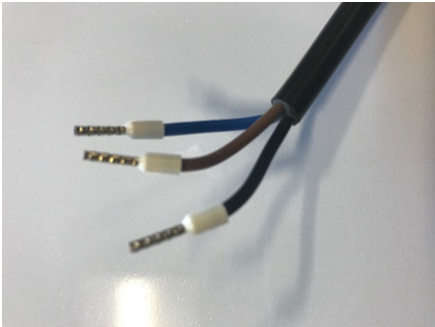
Adjacent to the RC165B panel cut a 20mm hole into the ceiling tile and fit the white charge LED holder. Push the green charge LED into ceiling holder until it clicks into position.

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A photograph showing a hand holding a white charge LED holder. The holder is a small component with a green LED inside.

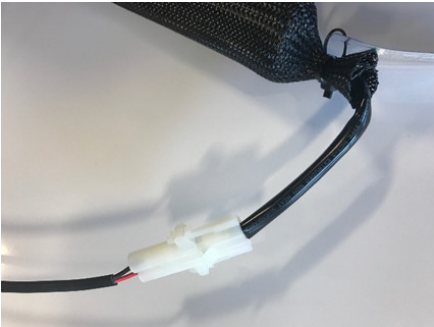
Connect the switched, unswitched and neutral cables to the supply connector.

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A photograph showing the switched, unswitched and neutral cables being connected to the supply connector. The cables are black, blue, and brown.

Connect the irreversible battery connector.

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A photograph showing the irreversible battery connector being connected to the battery. The connector is a small component with a black cable.