

**Product description**

LED Compact Remote™ is an effective IP65 solution for emergency conversion of luminaires using LED arrays. The compact, robust housing is supplied containing either our Omni-LED™ or Unity-LED™ emergency drivers, re-chargeable battery and connection terminals. Its sealable cover offers easy access for both wiring and the battery during installation. Once wired, it will pass through a ceiling cut out of just 110mm diameter. This product can be used with a separate mains driver for Maintained applications with Omni-LED, and is available pre-wired with cable assemblies for simple 'plug-and-play' convenience.

Omni-LED™ constant-power driver technology will run LED lamps or arrays from 12V - 230V, so making it easy to produce an emergency version of your existing LED luminaire\* without the need for separate 'emergency' LEDs or connectors. Options available for NiCd, NiMH or LiFePO4 batteries.

**Features**

- > Optional IP65 protection for more demanding environments
- > Available with DALI-2, "One Connect+" Casambi wireless or Silvar wireless Self-Test functionality
- > Simple integral charge indicator LED for IP65 applications
- > Universal mounting brackets for base, or edge fixing
- > Available with Omni-LED or Unity-LED emergency lighting modules
- > Emergency output power options, typically 3W - 8W\*
- > Molded in black UL94\_V0 rated Polycarbonate
- > Two x 20mm cable entry/ exit points.
- > Driver complies with: EN61347-1, EN61347-2-7, EN55015, EN61000-3-2, EN61547 & EN 62034, EN 62386 for D2ST versions
- > Conforms to EN60598-1 & EN60598-2-22
- > Batteries include voltage, current and thermal protection with UN38.3 approval.
- > Mating lamp & driver connections available on request
- > Option of external charge indicator LED with 500/750mm leads

\*Lamp switching current limitations apply. See applicable Omni-LED data for details.

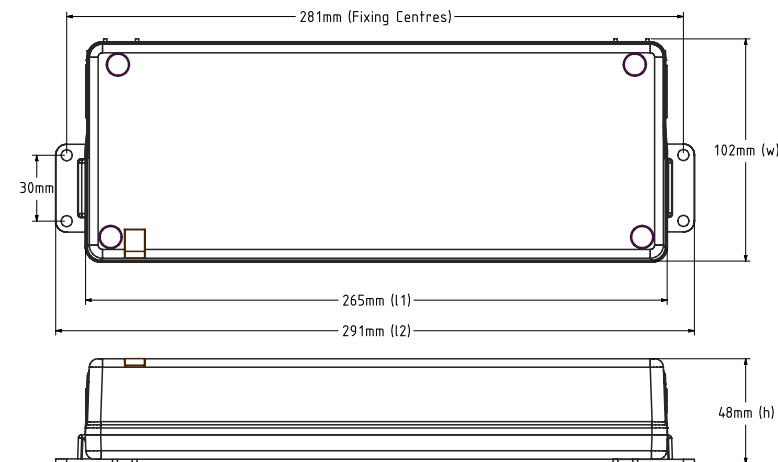
| Common Technical Data               |                              |
|-------------------------------------|------------------------------|
| Input Supply Voltage                | 230V +/- 10%                 |
| Supply Frequency                    | 50/60Hz                      |
| LED Voltage Range                   | 12 - 230V (Driver dependent) |
| Battery Type                        | LiFePO4                      |
| Ambient Temperature Range           | 5 to 50°C                    |
| IP Rating                           | IP40 or IP65                 |
| Earth Leakage Current               | <0.5mA                       |
| Weight                              | <1Kg                         |
| Dimensions (Box Only)               | 265mm x 102mm x 46.5mm       |
| Dimensions (With Mounting Brackets) | 291mm x 104mm x 48mm         |
| Standard Pack Quantities            | 10                           |

See Page 2 for product specific data and product codes

Detailed emergency module data can be found here:

[Omni-LED/DST data sheet.](#)

All products are supplied with an individual protective sleeve and packed in an outer carton of 10 pieces. (MOQ 10 pieces)



## TECHNICAL INFORMATION &amp; PRODUCT CODES

## Omni-LED Range

| LED Voltage Range | Emergency Power      | Battery Pack         | Emergency Driver   | Model Numbers      |
|-------------------|----------------------|----------------------|--------------------|--------------------|
| 12 - 55V          | 3W                   | 2 Cell 2.2Ah LiFePO4 | OL55/3W/M3/LFP     | RBC55/3W/M3/LFP    |
| 12 - 55V          | 4W                   | 2 Cell 3.6Ah LiFePO4 | OL55/4W/M3/LFP     | RBC55/4W/M3/LFP    |
| 12 - 55V          | 4W - (5A Lamp Relay) | 2 Cell 3.6Ah LiFePO4 | POL55/4W/M3/LFP/5A | RBC55/4W/M3/LFP/5A |
| 10 - 80V          | 2W                   | 1 Cell 3.6Ah LiFePO4 | OL80/2W/M3/LFP     | RBC80/2W/M3/LFP    |
| 55 - 90V          | 4W                   | 2 Cell 3.6Ah LiFePO4 | OL90/4W/M3/LFP     | BC90/4W/M3/LFP     |
| 90 - 200V         | 4W                   | 2 Cell 3.6Ah LiFePO4 | OL200/4W/M3/LFP    | RBC200/4W/M3/LFP   |
| 90 - 230V         | 4W                   | 2 Cell 3.6Ah LiFePO4 | POL230/4W/M3/LFP   | RBC230/4W/M3/LFP   |
| 90 - 230V         | 8W                   | 3 Cell 3.6Ah LiFePO4 | POL230/8W/M3/LFP   | RBC230/8W/M3/LFP   |

/5A versions provide a 5A lamp change-over relay for use with higher powered lamp applications, such as high-bays. All other models incorporate a 2A lamp change-over relay.

For DALI-2/ Self-Test versions add '/D2ST' to the product codes above. For Casambi wireless add '/CW'. For Silvair wireless add '/SW'

**Conventional wired DALI - /D2ST** Products with '/D2ST' in their part code are for monitoring and control on hard wired DALI-2 test systems. If not connected to a DALI system they will operate in standalone self-test mode. Full details can be found on the supplementary 'D2ST' data sheet downloadable from the products web page.

**Casambi wireless DALI - /CW** Products with '/CW' in their part code are for use on our Casambi based One-Connect+ wireless networks for automated test and monitoring by a conventional DALI-2 test system. Full details can be found on the supplementary 'One Connect+' data sheet downloadable from the products web page.

**Silvair wireless - /SW** Products with '/SW' in their part code for use on Silvair wireless networks for automated test and monitoring by a Silvair test system. Full details can be found on the supplementary 'Silvair Wireless' data sheet downloadable from the products web page.

Please note, RBC230 part codes not currently available with /D2ST, CW or SW versions.  
See supplementary instructions for /D2ST, /CW and /SW versions.

Example: RBC55/3W/M3/NCD/DST/IP65 - Compact Remote Box for 9 - 55V LED, 3W emergency power, NiCd battery, DALI Self-Test, IP65 rated.

Also available with Unity-LED range product maintained drivers. Contact us for details.



Integral Indicator LED



Optional IP65 Seal