RBC | Compact remote box - IP65

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 our Omni-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 10V - 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 LiFePO4 batteries.

Features

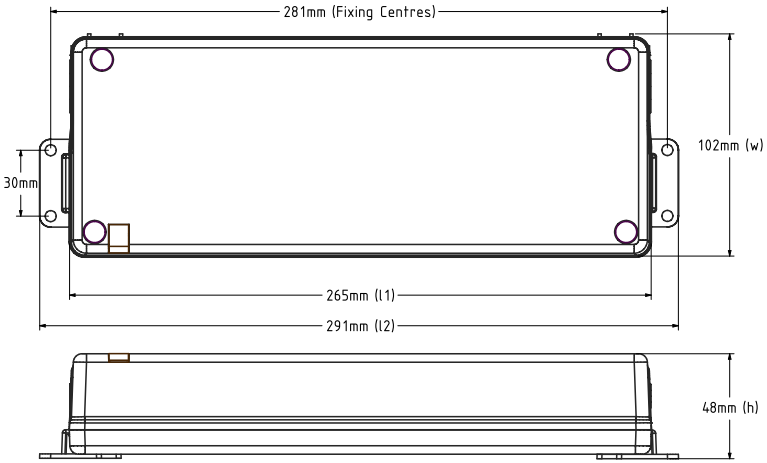
- IP65 protection for more demanding environments
- Simple integral charge indicator LED for IP65 applications
- Choice of base, or edge mounting brackets during installation
- Available with Omni-LED or Unity-LED emergency lighting modules
- Compatible with Luxemesh High-bay mounting plate
- 1 or 3 hour operation LiFePO4 batteries.
- Emergency output power options, typically 3W - 8W*
- Also available with DALI 2.0 Self-Test & Lite-IP functionality
- Moulded 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
- Conforms to EN60598-1 & EN60598-2-22
- 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	10 - 230V (Driver dependent)
Battery Options	, LiFePO4
Ambient Temperature Range	0 to 50°C LiFePO4
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





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

Product specifications may be subject to change without prior notice.

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TECHNICAL INFORMATION & PRODUCT CODES

Omni-LED Range

LED Voltage Range	Emergency Power	Battery Pack	Emergency Driver	Model Numbers
9 - 55V	3W	3 Cell 1.5Ah LiFePO4	OL55/3W/M3/LFP	RBC55/3W/M3/LFP
9 - 55V	4W	2 Cell 3.6Ah LiFePO4	OL55/4W/M3/LFP	RBC55/4W/M3/LFP
9 - 55V	4W - (5A Lamp Relay)	2 Cell 3.6Ah LiFePO4	POL55/4W/M3/LFP/5A	RBC55/4W/M3/LFP/5A
10-80V	2W	LFP/3.2V/3.6Ah/SC	OL80/2W/M3/LFP	RBC80/2W/M3/LFP
80- 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



Integral Indicator LED

/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 2.0 Self-Test versions add '/D2ST' suffix to the part numbers . For Casambi wireless add '/CW' For Silvair wireless add '/SW'

Please note, RBC230 is not currently available with D2ST or wireless options

For IP65 rating also add '/IP65'



Optional IP65 Seal

Technology Partner
SILVAIR