# Impact
## LIGHTING SOLUTIONS

## FEATURES

EM-LED TRACK is a 3-hour non-maintained emergency LED luminaire, which is designed as a discrete and simple emergency lighting solution for track systems.
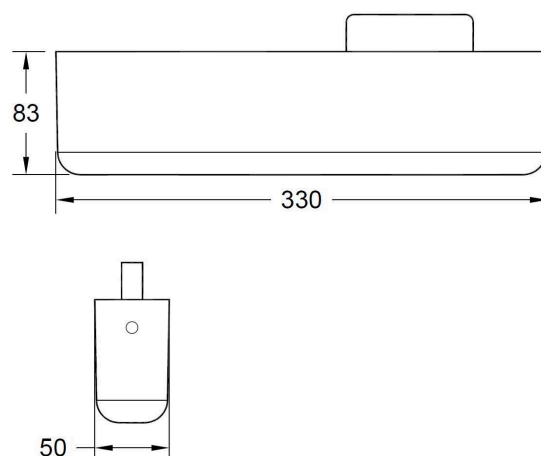
- Standard or DALI 2 self-test emergency operation
- Lockable track mounted module
- Supplied complete with the latest extra long life LiFePO4 battery packs
- Suitable for Global, Eutrack and Stucchi track systems
- Up to 209 lumens output
- IP20

## SPECIFICATION

| | |
|---|---|
| Emergency Options | Standard \| DALI Self-test |
| Luminous Flux | 209 Lumens |
| Mains Supply | 230 – 240V AC 50/60 Hz |
| Power Rating Charging Standard* | 2W 25mA λ = 0.35 |
| Power Rating Charged Standard* | 0.45W 7.5mA λ = 0.24 |
| Power Rating Charging DALI* | 2.2W 18mA λ = 0.48 |
| Power Rating Charged DALI* | 0.4W 8.5mA λ = 0.16 |
| Module Dimensions | L 330mm x H 50mm x W 85mm |
| Finish | Black RAL 9005 \| White RAL 9016 |
| Battery Type | 3.2V 3.8Ah LiFePO4 |
| Weight (with LED) | 1.4Kg |
| Ambient Temperature | 0°C ~ 25°C |
| Conformity | DALI 2 certified device registered with DiiA, UKCA |
| Ingress Protection | IP20 |
| Warranty | 5 Years |
| Track Suitability | Eutrac, Global Track or Stucchi 3-circuit Track (non-DALI) |

**Note*** After its initial charge, It will spend 90% of its operational life in standby mode.

## DIMENSIONS

83

330

50

UK CA 🗑 IP20

## PRODUCT ORDER CODE

EXAMPLE: EM-LED-T/DALI/BWH

| PREFIX | DRIVER | FINISH |
|---|---|---|
| | | |
| EM-LED-T | **ST**<br>standard self-test emergency | **BWH**<br>white RAL 9016 |
| | | **BL**<br>black RAL 9005 |
| | **DALI**<br>DALI self-test emergency | |

## SELF-TEST AND DALI FAULT INDICATION

Self-test DALI emergency products are fitted with a bi-colour LED and indicate as follows:

▪ A solid green light indicates that the battery charge is healthy.

▪ A green flashing light indicates that the unit is in pre-commissioning mode, or there is either a function or curation test in progress.

▪ A red flashing or red solid light indicates that there is a fault on the unit.

| | | DLP | MST | NDA | NES | DNA |
|---|---|---|---|---|---|---|
| **LED Indicates** | | | | | | |
| Green Solid | Mains On No Fault | ● | ● | ● | ● | ● |
| Green Flash | 48h Pre-Commissioning | Not Applicable | Not Applicable | Not Applicable | Not Applicable | ◉ 2.0s On 0.2s Off |
| | Function Test In Progress | ◉ 0.1s On 0.1s Off | ◉ 0.2s On 2.0s Off | ◉ 0.2s On 2.0s Off | ◉ 0.1s On 1.0s Off | ◉ 0.2s On 2.0s Off |
| | Duration Test In Progress | ◉ 1s On 1s Off | ◉ 0.2s On 2.0s Off | ◉ 0.2s On 2.0s Off | ◉ 0.1s On 1.0s Off | ◉ 0.2s On 2.0s Off |
| | Duration Test Passed | ◉ 4.0s On 1.0s Off for 7 Days | Not Applicable | Not Applicable | Not Applicable | Not Applicable |
| Red Solid | Lamp Fault | ● | Not Applicable | Not Applicable | Not Applicable | Not Applicable |
| Red Flash | Battery Fault | ◉ 1s On 1s Off | ◉ 0.5s On 3.0s Off | ◉ 0.5s On 3.5s Off | ◉ 0.5s On 3.0s Off | ◉ 0.5s On 3.5s Off |
| | Lamp Fault | Not Applicable | ◉ 2x 0.5s On 2.0s Off | ◉ 2x 0.5s On 2.5s Off | ◉ 2x 0.5s On 2.0s Off | ◉ 2x 0.5s On 2.5s Off |
| | LED Driver Fault | ◉ 0.1s On 0.1s Off | Not Applicable | Not Applicable | Not Applicable | Not Applicable |
| LED Off | Mains Failure Battery OK | ○ Off | ○ Off | ○ Off | ○ Off | ○ Off |
| Red/Green Alternate | DALI Mode Identification | 🔴🟢 | Not Applicable | 🔴🟢 | Not Applicable | 🔴🟢 |