

Conversion Kits

FEATURES

- Can be used in conjunction with any standard fluorescent light fitting.
- Simple to fit
- Integral batteries and charger
- Supports IllumiNet and XP95 protocol
- Infra-red communications link
- "Walk by" test mode
- Bi-directional communications
- Communication and indication module
- 8W, 18W, 36W, 58W, 70W and 28W 2D models available
- Lithium Ion batteries for longer life and improved performance.
- Addressable – up to 250 addresses per loop



Picture shows a converter kit including umbilical cord with integrated module containing indicator LEDs and Infra-red communication interface

GENERAL

The Illuminex *Xscape* series of emergency lighting luminaire offers a unique solution. They utilise the latest development in photometric solid-state technology to provide improved performance, lower energy requirement and extended replacement intervals for lamp/battery pack. The range includes direction signs, emergency exit signs, bulkhead fittings and down-lights, offering a complete solution for your emergency lighting needs. All elements of the system are automatically and fully monitored, providing the building occupier with positive feedback as to the operational integrity of the system.

Each unit continuously monitors its critical components – battery, charger, light source and internal temperature. A green LED, visible from ground level, provides confirmation that everything is functioning correctly. If however, the unit has failed one of its automatic tests, or a fault is present, a red LED will be turned on.

The functional testing requirements of BS5266 are performed without the need for any manual intervention. Daily, monthly and yearly tests are automatically carried out and the results of those tests are stored in the device. A simple "walk-by" inspection is all that is required to verify that each unit is fully operational.

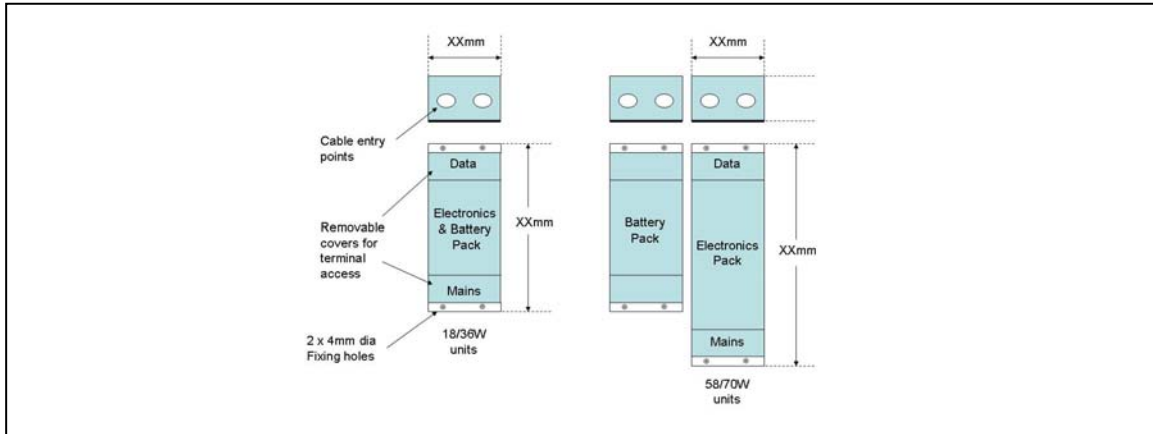
When required, all of the test data can be recovered from each individual device via a hand-held programmer and infra-red link.

The conversion kit provides each luminaire with a unique address programmed into its memory. The onboard memory also holds the results of the automatic tests carried out on the battery condition, battery charger condition and the unit's internal temperature. This information can be retrieved by the hand-held programmer from the luminaire via its Infra-red link. The infra-red link has a range of 3 Metre therefore the data collection process can be carried out from ground level, without the need for physical access to the luminaire.

Both the LED indicators and the IR communicators are built into a small module designed to be mounted in the ceiling tile adjacent the fluorescent fitting and connected to the converter unit via an umbilical cord.

This simple process eliminates the need for access equipment, reduces labour costs and minimises any disruption to the normal day-to-day business activities. Once all of the data has been collected it can be transferred to a P.C. for reporting, analysis and maintenance planning purposes.

When used in conjunction with our Lumi-Net control panel all events on the system- including the results of positive or negative tests or faults are logged and date & time stamped, with negative test results and faults being audibly and visually annunciated.



SPECIFICATION

Overall Dimensions:

Construction: PCB mounted within a metal enclosure).

Weight:

| | |
|--------|----|
| | Kg |
| 8W | Kg |
| 18W | Kg |
| 36W | Kg |
| 58W | Kg |
| 70W | Kg |
| 28W 2D | Kg |

Voltage AC: 230V (-15% + 10%)

Battery : 3.7V, Lithium Ion AH capacity is dependant on model

| | |
|--------|-----------|
| 8W | 1 x 2.1AH |
| 18W | 2 x 2.1AH |
| 36W | 2 x 2.1AH |
| 58W | 4 x 2.1AH |
| 70W | 4 x 2.1AH |
| 28W 2D | 2 x 2.1AH |

Temperature Range: -10°C to +50°C



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