



Xscape Series

IllumiNet

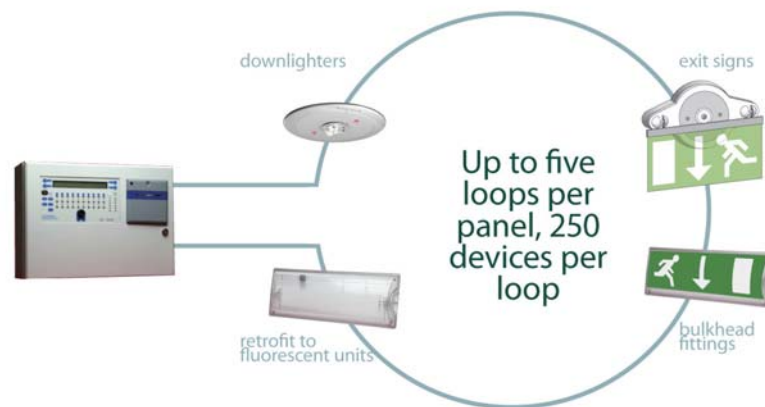
FEATURES

- Modular Construction
- Up to 250 addresses per loop.
- 1 to 5 loops
- 30 Area LEDs
- Xscape and Apollo XP95 protocol
- 2 line x 40 character LCD display
- Up to 31 Networkable Panels
- Optional Graphic User Interface
- Auto-test result logging
- Fault logging
- Optional integral printer
- Integral standby batteries



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.



All models in the Xscape series of emergency lighting luminaire can be connected to an **IllumiNet** monitoring panel via a single pair screened communications cable similar to Beldon 8729. When using the XP95 protocol Each Illumi-Net panel can support up to 250 devices on a single communications cable and up to 1250 units can be connected over five loops. When using the XP95 protocol this number is reduced to 126 and 630 respectively.

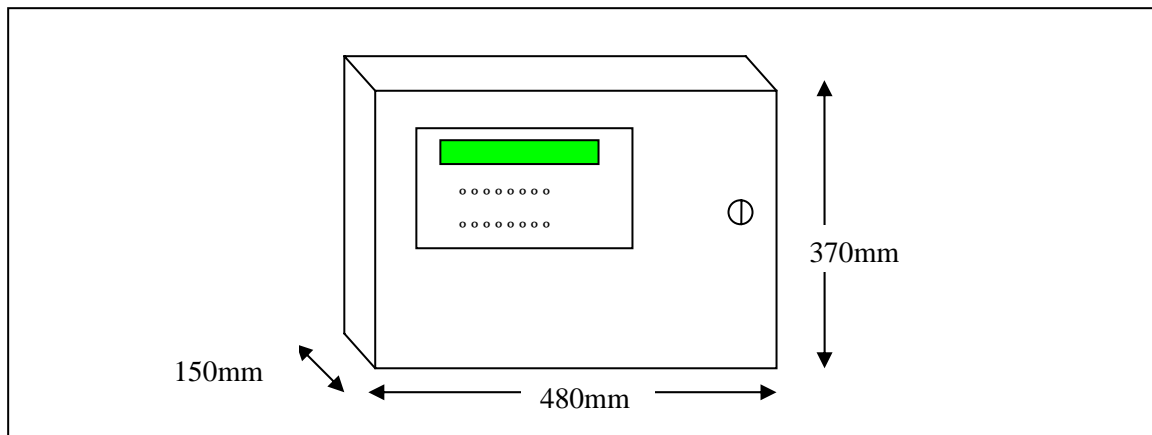
In large buildings there may be a requirement to monitor more devices than a single panel can support. In this case multiple Illumi-Net panels can be installed and networked together to provide a single point of monitoring the whole installation. In this configuration a maximum of 32 panels and 38,750 luminaire can be effectively monitored.

Each luminaire can have a 40 character alpha-numeric identification label assigned, providing a fast and efficient way of identifying the location of a fault.

Each individual luminaire contains a long address which is store in its memory. This address is also available on a barcode tage attached to the device. Its system address is assigned using the hand-held programming tool through the IR link.

The test time schedules are programmed into the IllumiNet panel and downloaded to each device through the data communications loop.

An integral battery backed power supply is contained within the unit, providing up to eight hours of operation in the event of a mains power failure.



SPECIFICATION

Overall Dimensions:

Construction:	Sheet Steel
Colour:	RAL7003
Weight:	10Kg
Voltage AC:	230V (-15% +10%)
Voltage DC	24V
Battery :	2x 12V 7AH SLA
IP Rating:	IP42
Temperature Range:	-10°C to + 55°C
- Operating:	
- Storage:	

Controls

Simple numeric keypad, pushbuttons for system controls, all locked by Enable key for security

On-board Outputs

Common fault output

Serial Ports

RS-485 Output for Repeaters (up to 16)
RS-232 Output for BMS or graphical User Interface.

Printer

Optional integral high-speed 40 column thermal printer, for fast and reliable operation

Event Log

2000 Events (all) with sophisticated search capability for speedy retrieval of important data

Networking

Additional IlluminNet Gateway module, up to 32 panels may be connected.

The maximum cable length on the data communications loop is 2Km using a two core Beldon 8792 cable. The Panel network cabling Maximum also uses this cable. The maximum cable length in this case is 2Km between panels.

Part Numbers

- X-DMP** 1 to 5 loop panel (no loops fitted)
- X-DMP-Xscape** Xscape protocol loop card
- X-DMP-PRN** Panel mounted printer
- X-DMP-NET** Network card
- X-DMP-Master** Master control panel
- X-DMP-BATT** Standby battery 12v 7AH



Tel: 01256 347195

Fax: 01256 335994

Email: sales@illuminex.co.uk

www.illuminex.co.uk

Illuminex Limited, 13 Enterprise Court, Rankine Road, Basingstoke, Hampshire, RG24 8GE

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