

# Pathfinder 2 Control Panel



Central battery, central test 24V DC emergency lighting system



52AH Panel



3 Phase Monitor



Remote Panel

## Overview

Pathfinder 2 is a self contained, low power supply, central battery LED emergency lighting system. The system is capable of conducting automatic testing in accordance with BS5266 / EN50172 and contains a non volatile memory able to store up to 2 years' test events. As Pathfinder 2 is a dedicated emergency system it can be used to create an optimum emergency lighting scheme, that is simple and cost effective to install and is scalable to meet the changing needs of a building. With simple and efficient testing regimes, utilising long life, low maintenance LEDs combined with cost effective installation, Pathfinder 2 will deliver the lowest cost of ownership of any emergency system on the market today.

### Specification

The Pathfinder 2 emergency lighting system includes a class 1 protection central battery supply for operating and monitoring up to 80 emergency LED luminaires per panel, dependent upon loading of the control panel and subject to 20 per circuit, with 4 circuits available per panel. The system uses addresses to allow identification and monitoring of individual luminaires. The self contained central unit incorporates all the control electronics and lead acid batteries for ease of installation. The front panel has indicators and LCD display for clear status of the panel and LEDs. All control, administration, monitoring and testing can be performed through the front panel or remotely via a PC (not supplied). 32 panels can be networked together on an existing TCP/IP network to create an IP addressable installation with web browser access.

### Notes

The Pathfinder 2 panel is a component part of a complete Emergency Lighting System.

When considering a Central Battery installation reference to BS EN 50171 for design & BS EN 50172 for installation to the latest versions is recommended.

Any additional equipment such as phase failure monitors and commissioning are required to be ordered separately.

For further information or assistance, please contact the Whitecroft Technical Desk.

# Order codes

## Order Codes

Central Battery Control Panel 12AH, capacity 49W	PFD2PANEL12AH
Central Battery Control Panel 24AH, capacity 102W	PFD2PANEL24AH
Central Battery Control Panel 33AH, capacity 140W	PFD2PANEL33AH
Central Battery Control Panel 52AH, capacity 219W	PFD2PANEL52AH

## Accessories

3 Phase circuit monitor	PFD2MONITOR3P
Remote status panel	PFD2REMPANEL
Web control software	PFD2WEBCSS

# Dimensions

VERSION	L	W	H	KG
PFD2PANEL12AH	266	140	472	15.5
PFD2PANEL24AH	266	140	639	24.3
PFD2PANEL33AH	400	170	800	39.2
PFD2PANEL52AH	400	170	800	48.3
PFD2MONITOR3P	17.5	56.4	98.0	
PFD2REMPANEL	80	80	55	

# To Specify

Central battery, central test LED emergency lighting system. Fully addressable LED emergency lighting points. Control unit with programmable interface - as Whitecroft Lighting PATHFINDER 2