



Passive



Dynamic



Adaptive

Overview

Introduction

Barcelona is a wall mounted, robust maintained exit sign for internal or external use and with conventional functionality. Extra performance is provided by the unique and failsafe Evaclite ADS Adaptive/ Dynamic LED 3PA Blade technology. Sign behaviour is dictated by the fire panel and through using cause-and-effect programming.

It is easily retrofitted and is ideal for wall or vertical surface installation. It can be firmly secured using suitable fittings that pass through the back face of the unit. It is available in a white finish as standard.

Technical

- Fully dynamic, maintained emergency exit sign with three states: passive, green arrow and red cross.
- Self-contained with 4-cell, 4.8v (total) NiMH battery pack.
- Suitable for solid or partition wall installation indoors or outdoors (IP65).

Compliance

Complies with BS5266-1 and conforms to EN60598.2.22 WITH IEC 60598-1 2014, ISO 3864-1, ISO 3864-4. Uniformity of illumination, legend and appearance meets EN1838 and 'Running man' infographic fully compliant with ISO7010. Independently tested and failsafe.

Options

- Single-sided configuration only.
- Central battery version.
- Passive (non-dynamic) equivalent.
- Special finishes (for quantity).

- Construction – sheet mild steel.
- Finish – galvanised internal metalwork and powder coated (white) external box.
- LED Life – 36,000+ hours.
- AC Mains (230v) input.



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Barcelona Box

Detailed Specification

Fire alarm panel connectivity

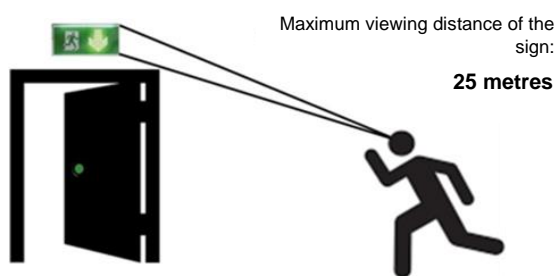
Works with any fire panel through connecting to the loop via a suitable I/O relay. 2x open relay contacts provided. Both input/output units in the unit provide supervision of one or more normally open volt free contacts connected to a pair of cables and a set of changeover relay output contacts.

Compatible with XP95 systems and other addressable panels.

Installation

It is specifically designed to be wall or surface mounted to a suitable material or finish. Mounting must be done using a minimum of x4 fittings appropriate to the weight of the unit and the mounting surface. Care must be taken not to overtighten the fascia bolts when re-assembling in order not to crush the insulating washers.

Viewing Distance



Range Extent

Description	Code	Front
Single-sided, arrow up	BAR/ADS/S/25/AU-W	
Single-sided, arrow down	BAR/ADS/S/25/AD-W	

Lamp

- Maintained State: 6W (min) led strip.
- Dynamic State: 13.5W (max) led strip + dynamic led arrays. Supply Voltage: 230v—50Hz.

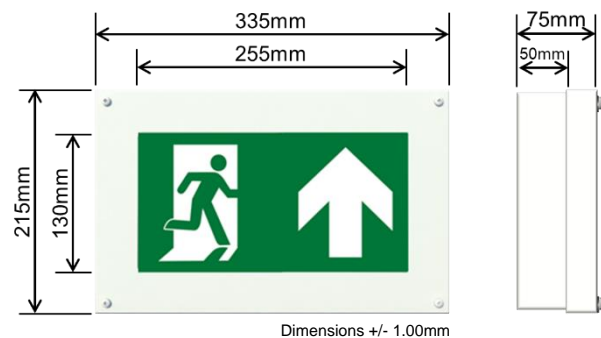
Battery (self-contained versions)

- 4-cell, 4.8v 1500-2100mAh high temperature NiMH (minimum mAh rating).

Materials

- Body – Powder coated steel.
- Trim – Zintec steel, galvanised steel.
- Legend panel – Cast acrylic with pre-applied legend & in-built dynamic arrays.
- Weight – 4.7kg (packaged)

Dimensions



Description	Code	Front
Single-sided, arrow left	BAR/ADS/S/25/AL-W	
Single-sided, arrow right	BAR/ADS/S/25/AR-W	

All visible metalwork of units is shown are finished in white as standard

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