



**E&E LIGHTING
AUSTRALIA**

DYNAMIC EXIT SIGN
**INTELLIGENCE DYNAMIC GREEN
& RED X EXIT SIGNAGE**

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EXSLIDE-DY DYNAMIC EXIT SIGN

The EXSLIDE-DY represents the next generation in emergency exit signage, integrating intelligent connectivity with premium design. Engineered for modern building safety protocols, this dynamic sign can be directly interfaced with a building's fire detection or life safety system. Upon command, it actively guides building occupants away from danger by displaying clear, unambiguous instructions, transforming static signage into a responsive evacuation aid. Its sleek, architectural design ensures it meets the aesthetic requirements of any premium commercial or public space.

Ideal for a vast range of applications, including office buildings, theatres, stadiums, schools, hospitals, shopping centres, airports, warehouses, apartments, and most commercial or public environments.



KEY FEATURES & BENEFITS

- **Dynamic Pathfinding:** Displays a bright, highly visible red "X" to immediately indicate an unsafe exit route and a green running man to guide occupants toward safety.
- **Universal Application:** Suitable for a wide array of settings—from complex public spaces like airports and hospitals to commercial offices, educational facilities, and large-volume warehouses.
- **Seamless System Integration:** Designed to be triggered by a building's central safety system via standard 24VDC or voltage-free (dry contact) signals, as specified by a fire safety engineer.
- **Premium Design:** Features a universal exit sign that complements modern interiors and meets high aesthetic standards for any environment.
- **Dual-Mode Functionality:** Combines both Dynamic RED X and standard Dynamic GREEN functions in a single, unified fitting, simplifying procurement and installation across an entire portfolio.
- **Enhanced Safety Compliance:** Provides active guidance that exceeds the capabilities of traditional static signs, supporting advanced evacuation strategies in crowded or complex buildings and potentially improving overall building safety outcomes.

SYSTEM FUNCTIONALITY

The EXSLIDE-DY operates as an intelligent endpoint within a building's life safety ecosystem:

1. **Standby State:** Under normal conditions, the sign displays a standard illuminated exit legend (white legend on green background).
2. **Triggered State:** Upon receiving a signal from the integrated fire detection or building safety system, the sign activates its dynamic mode:
 - **A red "X"** is displayed over the exit arrow, clearly indicating that the associated exit route is compromised and should not be used.
 - Concurrently, the **Dynamic GREEN** "running man" symbol can be activated on other signs in the network to positively guide occupants toward the nearest safe exit path.
3. **Activation Method:** Mode switching is triggered by an external signal from the safety system, accepting industry-standard 24VDC or a voltage-free contact closure, ensuring compatibility with most major fire alarm panels. This reliable functionality is critical for ensuring clear egress guidance across diverse applications.



PRODUCT INFORMATION

PRODUCT CODE DESCRIPTION

EXSLIDE-DY All-in-One Slide Connect Surface Mount LED Dynamic Exit
Dimension (L x W x H) : 370mm x 70mm x 230mm

OPERATIONAL INFORMATION

TECHNICAL SPECIFICATIONS

Dual Operating Mode The luminaire features a maintained (steady-state) mode with a sequenced inward sweep of green LEDs. Upon a 24V DC or vehicle fire (VF) signal trigger, it switches to a fail-safe mode, displaying a solid red "X" with simultaneous flashing red LEDs on the sides. All warning functions are fully operational in both primary power and battery-backed modes.

Operating Voltage	220-260V; 50Hz
Operating Temperature	1° - 45° C
IP Rating	IP20
Wiring	Large Terminal Block
Mounting Type	Wall or Ceiling Surface Mount
Testing System	Manual Test Switch
Construction	Polycarbonate Body and Diffuser
Classification	C0 D6.3 C90 D6.3
Standards	AS/NZ 2293 AS/NZS 60598.1 EMC

SPACING TABLE AND MOUNTING HEIGHT

CLASSIFICATION	2.1m	2.4m	2.7m	3m
D6.3	8.5	8.8	8.9	9.1

BATTERY AND LEDS

Battery	High-Temp LiFePO4 Lithium Battery
Power Consumption	4W
Charging Method	3 Stage Intelligence
Charging Time	16 Hours
Lens	LED Lamp Rated at 50,000 Hours
Viewing Distance	24 Metres

REPLACEMENT PART

PART NUMBER	DESCRIPTION
BSLIDE	LiFePO4 Lithium Battery, 3.2V 1500mAh

NOTE: This product serves a dual function as both a 24-meter Exit Sign and an Emergency Luminaire, compliant with the following emergency classifications. Maximum mounting height allowed is 2.7m but for exceptions see AS2293.1 2018