Smarterlite
Renewable Light for Safety

PHOTOLUMINESCENT (PL) EXIT SIGNS IN HARSH ENVIRONMENTS

Installation, Testing And Responsibilities

1. PL Exit Sign System Overview

A PL Exit Sign system is designed as a sustainable alternative to internally illuminated, Electric-Battery Exit Signs, and is installed in compliance with National Construction Code (NCA) and the Building Code of Australia (BCA) Specification E4.8 (particularly Clauses 3 and 5).

2. Installation Requirements and Compliance

The installer must ensure that the PL Exit Sign system and installation, comply with the requirements of NCC/BCA Specification E4.8 (particularly Clause EV4.2(a), as well as AS2293 (Emergency Lighting and Exit Signs for Buildings).

PL Exit Signs are to meet equivalent quality standards and shall be securely mounted on a 10mm polymer panel.

3. Testing and Certification

The installer must provide all required commission test results and certification to the proprietor, confirming the PL Exit Signs meet performance standards as specified in NCC/BCA E4.8.

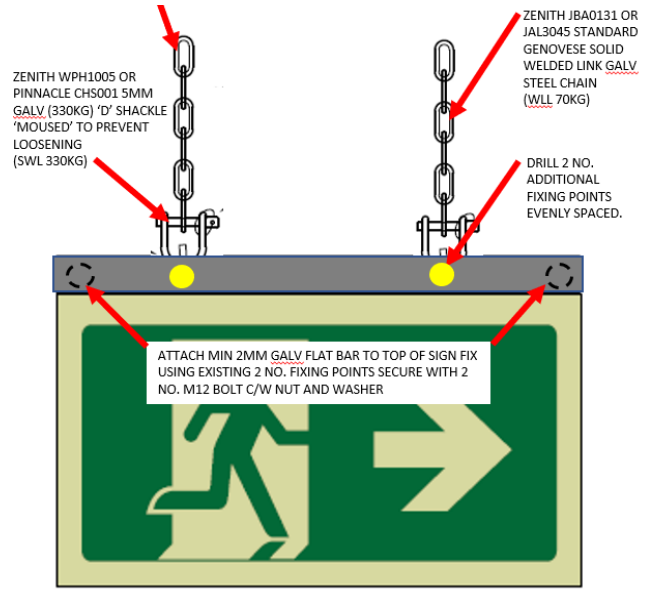
A Manufacturing Handover Pack detailing all relevant testing is necessary for compliance verification.

4. Lighting Requirements for Low-Light Areas

For low-light areas where the sign face does not reach 100 lux, the installer must ensure an appropriate waterproof LED fitting is within 2 meters of the PL Exit Sign to afford sufficient ambient light. Where an existing power feed for an Electric-Battery Exit Sign currently exists, this same power feed will be used for the approved LED waterproof fitting.

5. Installer Responsibilities and Installation Standards

The installer will ensure that all lighting and PL Exit Sign systems align with NCC/BCA Specification E4.8, Clause 3(a).



PL EXIT SIGN FIXING DETAIL (TYP)