

# Rapid Spec

## Ecoglo Photoluminescent Fire Protection Signs

### A) DESCRIPTION

This document is to assist with specification and procurement of Ecoglo Photoluminescent Fire Protection Signs which are used internationally wherever fire protection signs are required.

The aluminium signs can be surface, flag or ceiling mounted (flag mounting and ceiling mounting brackets are available separately).

This document is offered as a guide to experienced and knowledgeable construction professionals who assume full responsibility for its interpretation and use.

### B) WORKS SUMMARY

Fire Protection Signs

### C) WARRANTY

**30 Year Warranty** on signs positioned indoors.

### D) PRODUCTS

#### **Fire Protection Signs**

High Luminance - YES

HTC - YES

#### Product Codes

S5-FEXT2010

BR5-DS-S5-FEXT2010

S5-FH1010

S5-FA1010

S5-BG1010

S5-FEGL2010

#### Brackets

BR1-100

BR1-200

### E) TESTING NOTES

#### **Luminance**

Fire Protection Signs shall be independently tested as follows:

Excitation Condition (charging) – 150W Xenon lamp, 1000 lux for 5 minutes.

#### Pass Criteria

Minimum luminance of:

2,000 mcd/m<sup>2</sup> after 2 minutes; and

400 mcd/m<sup>2</sup> after 10 minutes; and

100 mcd/m<sup>2</sup> after 30 minutes; and

V24.1

50 mcd/m<sup>2</sup> after 60 minutes; and  
20 mcd/m<sup>2</sup> after 120 minutes.

**HTC – High Temperature Curing**

High Temperature Curing

Independently tested by placing 3 samples in an oven at 150°C for 20 minutes and then examining the samples after removing from the oven.

Pass Criteria

The samples shall have no shrinkage, delamination, distortion, or yellowing.

**F) MANUFACTURER**

Certified Zero Carbon Business Operations.

Certified ISO 9001-2015

At least 25 years manufacturing HTC products