

# Product Technical Statement

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**Manufacturer:** Ecoglo International Limited

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**Website:** www.ecoglo.com.au

**Product:** Ecoglo Photoluminescent Visibility in an Emergency Products

**Description:** Ecoglo Photoluminescent Visibility in an Emergency Products provide a means of ensuring visibility along a path of travel to an exit during failure of the main lighting. An emergency power supply is not required.

**Scope of Use:** This product technical statement covers the Ecoglo range of photoluminescent Visibility in an Emergency products listed below which can be used in Performance Solutions to meet NCC 2016 EP4.1.

The product technical statement covers the following products:

**Step Edge Contrast:** E14-075  
**Step Nosing:** F14-175, F14-175R, F15-175  
**Door Handle Marker:** SQ60  
**Path Marker:** G7-100, T6-101, T5-101  
**Guidance Strip:** G3-001, G4-001  
**Handrail Marker:** H3-001, MS-26

**Conditions:** To be installed/used as described in Product literature available on website (www.ecoglo.com.au). Visibility in an Emergency products must be charged by exposure to electric lighting, or daylight (supplemented by electric lighting if necessary). Daylight through window glass, whether direct or reflected off room surfaces, provides effective charging. Fluorescent, metal halide, or LED lighting with a colour temperature of 4000K or greater are suitable charging sources.

**Limitations:** If the installed lighting used to charge Ecoglo in a building has a colour temperature of less than 4000K, a specific design of the lighting by Ecoglo is required.

**Related Technical Literature:** “Technical Justification for Ecoglo Markings v16.1” (available from www.ecoglo.com.au)  
“Designers Handbook for Ecoglo Markings v16.1” (available from www.ecoglo.com.au)

**Relevant Code Clause:** Visibility in an Emergency EP4.1  
**Basis of Compliance:** Building Code Performance Solution  
Ecoglo Photoluminescent Visibility in an Emergency Products installed in accordance with Ecoglo specifications meet this requirement.

**Guidance for Consenting:** Verification of ongoing luminance is not required. Ecoglo recommended Inspection and Maintenance Procedures check that the Visibility in an Emergency products as installed have not been damaged or removed, and that any electrical lighting to charge the photoluminescent material continues to function as intended.

This Product Technical Statement is a statement by the manufacturer that this product, if installed in accordance with the technical data, plans, specifications and advice prescribed by the manufacturer will comply with the relevant provisions of the building code. It relates to the provisions of the building code in effect at the date of issue of this Product Technical Statement.

  
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