

**The G7-100 Solaris Path Marker is designed to ensure visibility of specified building features in escape routes for compliance with performance based building codes. The Path Marker will be effective in all light conditions including during failure of the main lighting.**

#### COMPLIANCE

Independently tested in accordance with UL1994 for use in Performance Solutions to meet the performance requirements of building codes such as NFPA 101 Life Safety Code, International Fire Code (IFC), Building Code of Australia (BCA), and any other performance based building codes.

#### PERFORMANCE

##### 30 Minutes Visibility Facilities

Minimum charging illuminance of 20 lux for 5 minutes will ensure visibility for 30 minutes after failure of the main lighting.

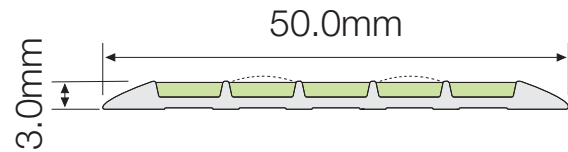
##### 90 Minutes Visibility Facilities

Minimum charging illuminance of 60 lux for 5 minutes will ensure visibility for 90 minutes after failure of the main lighting.

##### 120 Minutes Visibility Facilities

Minimum charging illuminance of 80 lux for 5 minutes will ensure visibility for 120 minutes after failure of the main lighting.

Daily exposure to daylight will substantially reduce the minimum charging requirements specified above.



Outdoor or daylit installations between latitudes 50°N and 50°S will absorb enough natural light to be visible throughout the longest winter night.

The G7-100 Solaris Path Marker is suitable for use indoors and outdoors.

**Operating Temperature Range:** -20°C to +40°C\*

\*For controlled environment (constant temperature) rooms below 0°C contact Ecoglo.

**UV Resistance** - Loss of luminance after 1000 hrs ASTM G-155 Cycle 1 exposure: <10%

**Salt Spray Resistance** – ASTM B117: Pass

**Washability** –ASTM D4828: Pass

**Rate of Burning** – ASTM D635: Pass

**Surface Flammability** - ASTM E162: Pass

**Toxicity** - Bombardier Toxic Gas Generation Test SMP800-C: Pass

**Radioactivity** - ASTM D3648: Pass

**High Temperature Curing:** Pass

#### SUPPLY

The product is available in a pack of 10 x 100mm pieces.

#### COMPOSITION

Ecoglo G7-100 Solaris is manufactured from extruded 60605T aluminium section. Custom made photoluminescent pigment is embedded in thermoset polyester carriers to integrally bond the active ingredients into the aluminium following curing at high temperature. The photoluminescent area is also recessed into protective channels.



#### INSTALLATION

Installation needs to be carried out strictly in accordance with the Ecoglo installation instructions.

Consult installation instructions on website for full details and surface preparation.

Fixers (screws) can be used if adhesion is difficult.

*(See order codes below for the product that best suits).*

**G7-100** For polyurethane adhesive fixing

**G7P-100** Punched for screw fixing

**G7T-100** Release tape pre-fitted

#### Contact

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