



**Ecoglo passive photoluminescent (PL) signs are designed to provide identification of exits. The signs will be clearly visible to occupants, and operate in the event of power failure to the main lighting system.**

**SIGN DEFINITION**

Travel in this direction.

**COMPLIANCE**

Ecoglo passive PL "Arrow" signs can be used in Performance Solutions to meet NCC 2022 E4P2. Email Engineer@ecoglo.com for design advice for Performance Solutions.

**PERFORMANCE**

The performance of Ecoglo passive PL "Arrow" signs has been verified by testing in accordance with NCC 2022 Specification 25: S25C3(c). When tested the luminance was 38mcd/m<sup>2</sup> (minimum luminance required is 30mcd/m<sup>2</sup>). The testing has been carried out by a NATA accredited laboratory.

**For indoor use**, this sign is ideal in well lit occupied spaces of small - medium buildings such as schools, early childcare centres, and factory or warehouse units. If there is doubt whether the charging light is suitable, we recommend using an Ecoglo Hybrid internally illuminated photoluminescent sign instead.

**For outdoor use**, this sign can be used for all buildings including locations set back up to 3 metres inside a canopy.

*Note: When installed in locations exposed to UV radiation, the outdoor coated version should be used to protect the printing on the sign.*

**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%: Pass

**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

**COMPOSITION**

The high visibility flat panel is manufactured from 5005 0.9mm aluminium sheet. Custom made photoluminescent pigments are embedded in thermoset polyester carriers to integrally bond the active ingredients onto the aluminium sheet following curing at high temperature.



**INSTALLATION**

Standard signs and outdoor signs are supplied with fixers for mounting flat on a wall. Brackets for ceiling or flag mounting are also available.

**ORDERING**

The sign is available in 3 sizes for use with other signs.

PRODUCT CODE	PRODUCT	SIGN SIZE
<b>Standard Signs</b>		
S20-AR1313	Arrow	133mm x 133mm
S20-AR1616	Arrow	162mm x 162mm
S20-AR2323	Arrow	230mm x 230mm
<b>Outdoor Coated Signs</b>		
S20-AR1313C	Arrow	133mm x 133mm
S20-AR1616C	Arrow	162mm x 162mm
S20-AR2323C	Arrow	230mm x 230mm
<b>Mounting Brackets</b>		
BR1-133	Ceiling Mount Bracket for S20-AR1313 signs	
BR1-162	Ceiling Mount Bracket for S20-AR1616 signs	
BR1-230	Ceiling Mount Bracket for S20-AR2323 signs	
BR1-133	Flag Mount Bracket for S20-AR1313 signs	
BR1-162	Flag Mount Bracket for S20-AR1616 signs	
BR1-230	Flag Mount Bracket for S20-AR2323 signs	

Chain suspension is also available.

**Contact**

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