



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

Exit right or left from here.

COMPLIANCE

Ecoglo passive PL "Double 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 "Double Arrow" signs has been verified by testing in accordance with NCC 2022 Specification 25: S25C3(c). When tested the luminance was 38mcd/m² (minimum luminance required is 30mcd/m²). 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 2 sizes - maximum viewing distance 16 metres and maximum viewing distance 24 metres.

PRODUCT CODE	PRODUCT	SIGN SIZE	MAXIMUM VIEWING DISTANCE
Standard Signs			
S20-RMRL2916-16m	Double Arrow	290mm x 162mm	16 metres
S20-RMRL4223-24m	Double Arrow	420mm x 230mm	24 metres
Outdoor Coated Signs			
S20-RMRL2916C-16m	Double Arrow	290mm x 162mm	16 metres
S20-RMRL4223C-24m	Double Arrow	420mm x 230mm	24 metres
Mounting Brackets			
BR1-290	Ceiling Mount Bracket for S20-RMRL2916-16m signs		
BR1-420	Ceiling Mount Bracket for S20-RMRL4223-24m signs		
BR1-162	Flag Mount Bracket for S20-RMRL2916-16m signs		
BR1-230	Flag Mount Bracket for S20-RMRL4223-24m signs		

Chain suspension is also available.

Contact

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