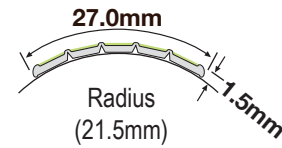


Photoluminescent Handrail Strip H5-001

2024 Product Data Sheet



The 27.0mm H5-001 is designed to add a lighting component to your handrails. Easy to touch and see, the handrail strip makes a user safer when negotiating the stairs or other pathways in the dark. It is 15.5mm wide and the curve fits the handrails with diameter from 38mm to 51mm. The H3-001 will be effective in all light conditions including failure of the main lighting or failure of the emergency lighting.

PERFORMANCE

Independently tested in accordance with UL1994 to meet the requirements of NFPA 101.

30 minutes visibility

Minimum charging illuminance of 20 lux continuously during occupancy.

90 minutes visibility

Minimum charging illuminance of 60 lux continuously during occupancy.

The H5-001 is suitable for use indoors and outdoors.

Outdoor or daylit installations will absorb enough natural light to be visible throughout.

UV Resistance – Loss of luminance after 1000 hours ASTM G-155 Cycle 1 exposure < 10%; Pass

Salt Spray Resistance - ASTM B117: Pass

Washability – ASTM D4828: Pass

Rate of Burning – ASTM D635: Pass

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

Radioactivity – Pass

SUPPLY

The products are available in 3.0 metre. Cut lengths can be fabricated on site or in factory.

COMPOSITION

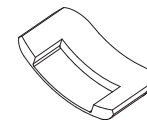
Ecoglo H5-001 Photoluminescent Handrail Strip, 27.0mm width is manufactured from extruded 6060T5 aluminium section. Custom made photoluminescent pigment are embedded in thermoset polyester carriers to integrally bond the active ingredients into the aluminium following curing at high temperature. The photoluminescent area is also recessed into protective channels.

INSTALLATION

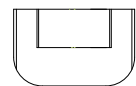
Installation is a simple process with polyurethane adhesive.

Screw or rivets can be used if adhesion is difficult.

Recommended installation adhesive is Bostik Seal N Flex FC.



ISOMETRIC VIEW



TOP VIEW

HEC51 End Cap for H5-001

Handrail End Cap HEC51

HEC31 Ecoglo Handrail End Cap, Polymer, White 2mm thick is available for an aesthetically pleasing edge.

Scan to Chat



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