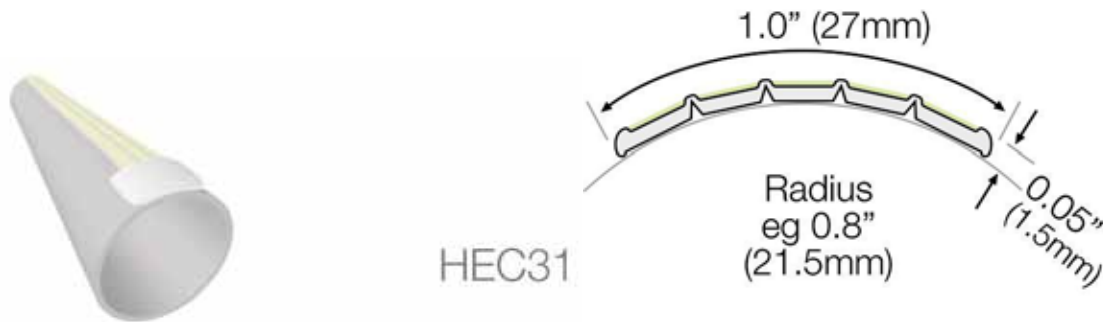


HEC31 Handrail End Cap



HEC31 Handrail End Cap, 1 inch (26mm) wide, is designed to add a lighting component to your handrails. Easy to touch and see, the handrail end cap makes a user feel safer when negotiating stairs or other pathways in the dark.

The ecoglo® Handrail End Cap is designed to be visible for a long period of time after the lights go out to enhance the orderly movement of people.

The Handrail End Cap complements the ecoglo® step nosing and guidance strip systems in enhancing path finding and egress.

Benefits and Technical Details Ecoglo HEC31 meets or exceeds the performance criteria specified in the following tests or standards:

1. High Visibility in Dark or Light conditions.

Brightness:

ASTM E2072-04, Standard Specification for Photoluminescent (Phosphorescent) Safety Markings.

ASTM E2073-02, Standard Test Method for Photopic Luminance of Photoluminescent (Phosphorescent) Markings.

DIN 67510 Part 1, Phosphorescent Pigments and Products: Measurement and identification by the manufacturer.

ISO 17398:2004 Clause 7.11, Safety Colors and Safety Signs- Classification, Performance and Durability of Safety Signs.

2. High Durability Indoors and Outdoors.

UV Stability: ASTM G155-04 Cycle 1 2000hrs, Standard Practice for Operating Xenon Arc Light Apparatus for Exposure of Nonmetallic Materials.

Salt Spray Resistance: ASTM B117-97 500hrs, Standard Practice for Operating Salt Spray (Fog) Apparatus.

Freeze-Thaw Resistance: ASTM C1026-87(1996), Standard Test Method for Measuring the Resistance of Ceramic Tile to Freeze-Thaw Cycling.

3. Hard Wearing

Abrasion Resistance:

ASTM F510-93(2004), Standard Test Method for Resistance to Abrasion of Resilient Floor Coverings Using an Abrader with a Grit Feed Method.

JIS H8682-1:1999, Test methods for abrasion resistance of anodic oxide coatings on aluminium and aluminium alloys- Wheel wear test.

5. Easy Cleaning.

Washability:

ASTM D4828-94(2003), Standard Test Methods for Practical Washability of Organic Coatings.

6. No Radioactivity or Toxicity.

Radioactivity: ASTM D3648-2004, Standard Practices for the Measurement of Radioactivity.

Toxicity: Bombardier SMP 800-C (2000), Toxic Gas Generation Test.

7. Does not burn.

Flammability:

ASTM E162-02, Standard Test Method for Surface Flammability of Materials Using a Radiant Heat Energy Source.

ASTM D635-03, Standard Test Method for Rate of Burning and/or Extent and Time of Burning of Plastics in a Horizontal Position.

FAA AC 23.2 Paragraph 4.b, Horizontal Burn Test.



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