



PLTS

Illumitread™ Floor Demarcation Strip

PRODUCT DESCRIPTION

Photoluminescent demarcation strips used in conjunction with photoluminescent hand-rail demarcation, stair nosings, signs, and obstruction markers to provide an intuitive egress pathway navigation system for building occupants and first responders

IDEAL FOR

- Retrofit applications
- Areas required by code to have luminous path markings

PERFORMANCE

- Passes UL 1994 for both interior and exterior applications.
- Meets requirements of IBC/IFC 1025
- Illuminates instantly upon power failure and maintains illumination for a minimum of 90 minutes when charged with 1 foot candle (11lux) for 60 mins.
- UV Degradation of less than 10% after 1000hrs when tested in accordance with ASTM G155 and UL 1994.
- Passes ASTM B117 for salt spray resistance
- Toxicity per SMP 800C - Pass
- Flame spread per ASTM D635 – Pass
- Radioactivity per ASTM D3648 – Nonradioactive

MATERIALS

- Aluminum extrusions: 6063-T5, ASTM B221
- Phosphorescent pigment: Strontium Aluminate Oxide
- Fasteners provided for installation included
- All surfaces in contact with masonry or concrete shall be protected by a factory-applied coating

ADVANTAGES

- May be charged with a variety of light sources including fluorescent and LED lighting
- Non-toxic, non-radioactive, and VOC free

LIMITATIONS

- Provided in 10'-0" (3048mm) lengths
- Egress pathways must be lit with a minimum of 1 footcandle (11 lux) as required per IBC 1025.5
- Not for use on diamond tread stairs or landings

FINISH

- Mill finish aluminum
- High gloss photoluminescent coating

RELATED PRODUCTS

- Photoluminescent floor demarcation
- Photoluminescent signage
- Photoluminescent handrail demarcation

ADDITIONAL DOCUMENTATION

- Product details
- Installation instructions
- Maintenance and cleaning
- Warranty
- SDS documentation
- LEED documentation

WARRANTY

Standard Warranty: 5 years

Sample warranty available upon request.