



A CSW Industrials Company

TECHNICAL DATA

R-300-PL-100 Illumitread™ Stair Nosings 10 14 43



PRODUCT DESCRIPTION

Photoluminescent stair nosings used in conjunction with photoluminescent handrail demarcation, floor demarcations, signs, and obstruction markers to provide an intuitive egress pathway navigation system for building occupants and first responders.

IDEAL FOR

- Stairs required by code to have luminous path markings

MATERIALS

- Aluminum extrusions: 6063-T5, ASTM B221
- Abrasive: Two part epoxy and colored quartz
- 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

PERFORMANCE

- Passes UL 1994 for both interior and exterior applications.
- Meets requirements of IBC/IFC 1025
- Static coefficient of friction: 1.17 (DRY) 1.13 (WET) per ASTM D2047-11
- 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

ADVANTAGES

- May be charged with a variety of light sources including fluorescent and LED lighting
- Non-toxic, non-radioactive, and VOC free
- May be cast-in or retrofit into blockout

R-300-PL-100 ILLUMITREAD™ STAIR NOSINGS

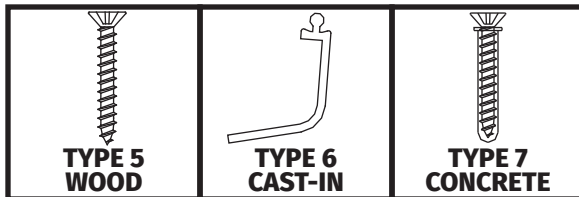
LIMITATIONS

- Provided in 10'-0" (3048mm) maximum lengths
- Egress pathways must be lit with a minimum of 1 footcandle (11 lux) as required per IBC 1025.5

FINISH

- Mill finish aluminum
- High gloss photoluminescent coating
- Abrasive available in a variety of colors

AVAILABLE FASTENERS



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.