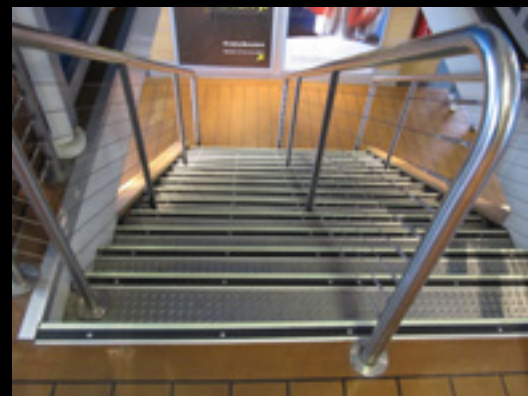




Photoluminescent Emergency
Path Marking Solutions
for Indoor and Outdoor Use

IFC/IBC, NYC LL and NFPA
Compliant Guidance Systems



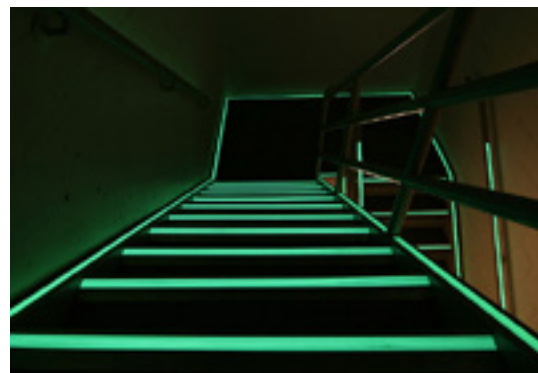
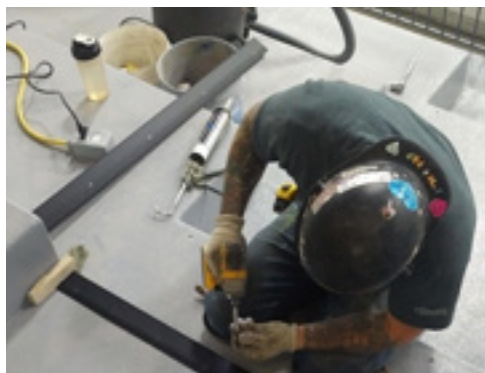
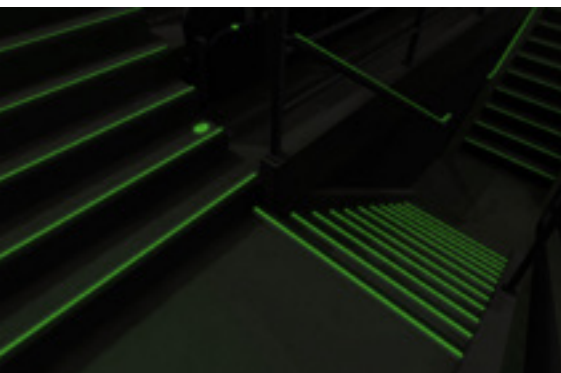
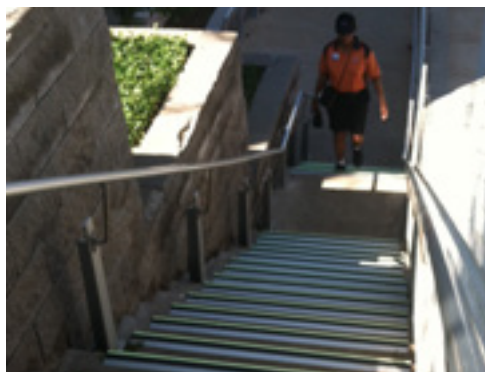
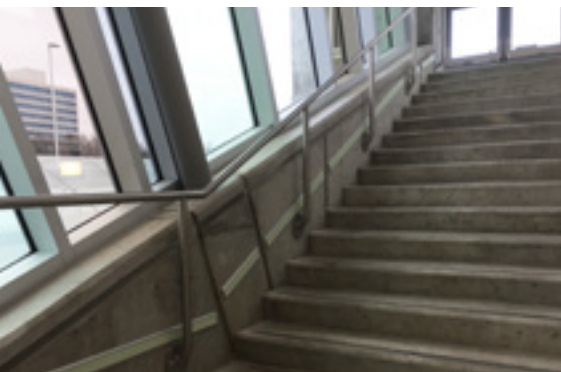


Our Mission:

Our mission at Ecoglo Inc. is to manufacture and distribute durable photoluminescent products which create a safe and efficient pedestrian environment providing all people the ability to navigate egress safely and efficiently in all emergency type environments.

By fulfilling the needs of municipalities, facility owners, architects, engineers and general contractors to meet IBC / IFC / NFPA photoluminescent requirements, our product improves the quality of the building infrastructure and ensures a safe passage from public and private facilities.

Ecoglo Inc. strives to provide building products that not only create a safer environment but also meet the demand for cost effective and long term solutions.



Proud members of:



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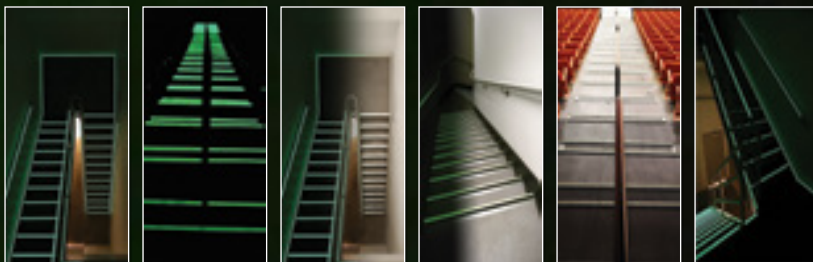
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EXIT

International Building Code,
International Fire Code, NYC LL
and NFPA 101 Compliant
Photoluminescent Egress
Path Marking Solutions





Introducing the **visibility better** solution in life safety systems and risk management.

Ecoglo is a leading global innovator of UL certified photoluminescent egress markings, exit signs and emergency signage that exceed worldwide code requirements. Ecoglo has a reputation for innovative, durable products designed to work in the real world. Ecoglo products are manufactured using a patented process which produces fast-charging and long-lasting photoluminescent performance that is UV stable and highly durable.

Ecoglo photoluminescent products will enhance patron safety in venues helping to prevent trips, slip and falls in all light conditions. *Remember... with Ecoglo, you'll never miss a step!*

How the Ecoglo System Works

Ecoglo uses a patented process to produce a range of products that provide a four pronged solution to pathfinding needs:

- Step edge contrast
- Slip resistance
- Visibility in all light conditions
- Resistance to wear

Rough

The hard wearing silicon carbide non-slip material is just what you need to reduce slip and falls in all weather conditions. With their UV resistance and good looks, you can confidently install Ecoglo products inside and out.

Tough

The Ecoglo manufacturing process begins with a ridged aluminum base combined with the highest quality photoluminescent material. We then encapsulate this material through our proprietary polymer process. When used alone or paired with non-slip silicon carbide material, all Ecoglo Step Edge surfaces are the most durable product offering available. Performance testing and long term installations have proven our product to be the best in all relevant categories: Visibility, long term durability, UV/weather/stain resistance. *Millions of people walk on our step products everyday.*

Seen

Your steps, exits and egress routes will be visible in all lighting conditions. Unlike electrical or battery lighting, Ecoglo photoluminescent products will never fail. Ecoglo products will glow in the dark for hours providing step edge contrast and path marking in emergency and non-emergency situations.

Green

All Ecoglo products share a core trait, they are **non-toxic** and **non-radioactive**. Using only existing light as the power source, our products **do not require electricity**. Recycled aluminum is also a key component of the Ecoglo system which contributes to the overall reduction in waste. Most importantly a correctly installed Ecoglo system is designed to provide the lowest life cycle cost available – *saving time, money and waste.*

How to specify Ecoglo products?

We know you have many choices when it comes to specifying products. Our goal is to ease the process of designing and specifying photoluminescent applications appropriate for the project application and code compliance. In addition to offering personal help with one of our in-house specification experts, Ecoglo provides a variety of design file formats to make it easier for you to document the right product to meet your project requirements whether it be IBC/IFC code compliance for a high rise building, stadium/arena or simply add to the safety and functionality of any space where step edge contrast is desired to reduce trips and falls. Our resources include industry standard 3-part specifications, CAD and Revit files (BIM), all available directly or through one of our many platform service providers. We also have a wide array of traditional material for your use available on our website, including: a full line brochure, product data sheets, videos and installation instructions.

Call or email us at info@ecoglo.us and we will gladly provide personal assistance at any time during the project from design to final walk through.



Ecoglo Technical Advantage



The Ecoglo Photoluminescent range of products provide significant benefits in low light conditions and emergency blackout situations. Ecoglo has a proven track record in reducing slip and falls, Ecoglo products provide safer walking surfaces at all times with the additional benefit of enhanced step edge and path marking in emergency situations.

Used in path marking, stair nosings and signage, our products are UV stable and highly durable, lasting for many years. Our products are easily installed and require minimal maintenance.

Comparative Advantage

ECOGLO

Luminance

Ecoglo products are manufactured using a patented process that is exclusive to Ecoglo. This tightly controlled application embeds the photoluminescent particles in a clear durable polymer.

The physical nature of the dry powder embedding process and the optical properties of the polymer ensure maximum efficiency of the photoluminescent particles to absorb useful wavelengths from a natural or artificial light source. This light then re-emits from the product towards a viewer's eye.

Ecoglo products use a custom produced photoluminescent pigment which has greater longevity of glow than all the other pigments (over 100) which Ecoglo has sampled since 2001.

Ecoglo uses dry powder for maximum luminance.

Visibility

All Ecoglo products are engineered to provide greater visibility than relevant codes and standards currently require. Photoluminescent visibility is affected by more than just brightness ('Luminance'); the other factor is contrast against adjacent surfaces.

Contrast against adjacent surfaces is the critical parameter for visibility on a step edge. Ecoglo step edge products incorporate an anti-slip strip that provides excellent luminance and color contrast against the photoluminescence strip. Specifically designed to glow in the dark for hours providing step edge contrast and path marking in emergency and non-emergency situations.

To summarize, the Ecoglo products are visible from a greater distance and for a longer time after the lights go out. Ecoglo incorporates an anti-slip strip for maximum visibility and edge contrast.

NON - ECOGLO

A widely used alternative manufacturing process uses liquid formulations that carry the photoluminescent particles.

Liquid formulations can suffer from settling out of the dense photoluminescent particles resulting in inconsistent luminance properties.



Ecoglo Technical Advantage

ECOGLO

Durability of Photoluminescence

The Ecoglo range has been subjected to accelerated UV/weathering exposure and proven to be highly resistant to the effects of UV/weathering.

Testing has been extended from the usual 1000 hour or 2000 hour test, out to 6000 hours, which can be interpreted to be similar to around 30 years of outdoor exposure.

At 6000 hours exposure, while there is noticeable loss of gloss of the top surface, the loss in photoluminescent brightness is less than can be detected by the human eye (measured reduction of 5-8%).

The unique ridges in the photoluminescent strips protect the glowing areas from most abrasive wear, and other incidental abuse.

Ecoglo uses its patented process for maximum durability. Using powder means the polymer we use is "long chain" which forms a strong UV resistant product when bonding.

Installed Durability

The manufacturing of all Ecoglo products involves the integral bonding of the photoluminescent layer to a rigid aluminum substrate, so there is no chance of delamination or peeling. Rigid products spread any applied loads over a greater area of installation adhesive.

Ecoglo signage uniquely incorporates an integrally bonded anti-graffiti protective top coat over the print, which also protects the print from abrasive wear. Because this top layer bonds into the substrate, there is no chance of delamination or peeling.

Ecoglo bonds onto rigid aluminum and applies a protective top coat for greater installed durability.

Slip Resistance

The unique ridges in the Ecoglo photoluminescent strips and the integrated anti-slip contrast strips provide all-weather slip resistance.

Ecoglo combines ridges and anti-slip contrast strips for slip resistance.

Ecoglo Product Range Includes

Stair nosings	Step edge contrast strips
Path marking guidance strips	Hazard strips
Handrail guidance strips	Directional signage
Floor identification markers	Seat and aisle markers

Ecoglo vs. Traditional Emergency Lighting Backup Systems

Comparative Advantage

ECOGLO

Effectiveness

- The energy stored in Ecoglo photoluminescent pigments will continuously exhaust for over 100 hours until it needs to be recharged by re-exposing it to a light source
- Ecoglo photoluminescent path marking systems, an image of the pathway is created by outlining elements such as steps, landings, doors, etc. and critical information such as change in floor level or direction
- Ecoglo photoluminescent path marking systems can play a vital life-saving role by showing the safe exit path, even in heavy smoke
- The standard when designing photoluminescent path marking systems for smoky conditions is low-level continuous marking less than 1 meter above the floor level
- Even if in a dark room for a week, it can recharge for a 2 hour evacuation in as little as 10 minutes

Installation

- Installation can be completed by an Ecoglo certified installer

Maintenance

- Occasional dusting

Life Span

- Interior Applications: 35+ yrs / Exterior Applications: 15 yrs

Environmental Impact

- Ecoglo is not radioactive or toxic and uses no energy. In 35 years, the aluminum can be recycled

NON - ECOGLO

Effectiveness

- Experience problems with partial or total failure
- Limited operating time
- Cast insufficient light
- High mounted emergency lights can easily be totally extinguished when there is smoke in the air
- Location of high light casts shadows
- Every model requires a battery or generator system that could provide electricity to the lights during a blackout
- If completely drained an emergency backup battery can take up to 7 days to recharge

Installation

- Requires costly installation by electricians

Maintenance

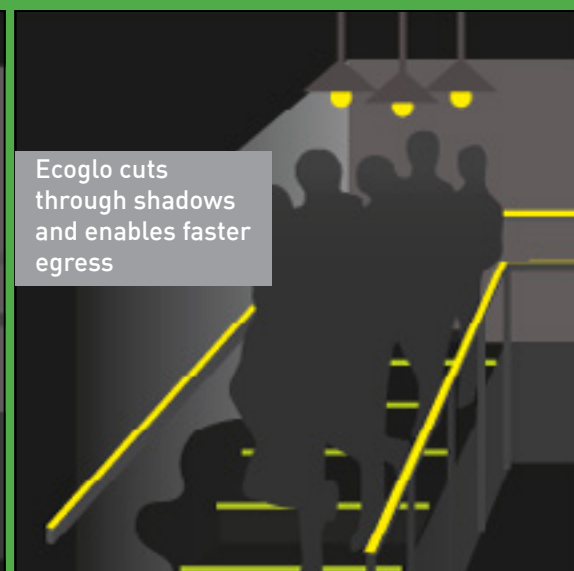
- Annual inspection and regular replacement of bulbs, batteries, or generators

Life Span

- 2-7 year life-span

Environmental Impact

- Emergency lights are not recyclable and over 35 years, up to 7 systems will need to be installed



Luminous Egress Path Markings Compliance Guide

2015-2018 IFC/IBC 1025 | 2009-2012 IFC/IBC Section 1024

1025.1 General

Approved luminous egress path markings delineating the exit path shall be provided in high-rise buildings of Group A, B, E, I, M, and R-1 occupancies in accordance with Sections 1025.1 through 1025.5.

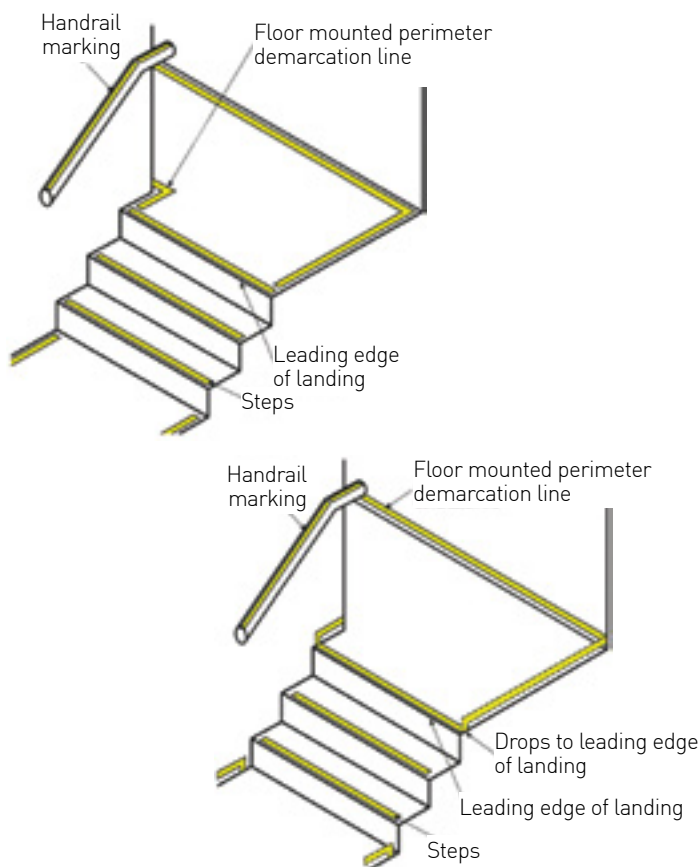
Exception: Luminous egress path markings shall not be required on the level of exit discharge in lobbies that serve as part of the exit path in accordance with Section 1028.1, Exception 1.

Applicable Occupancy Groups:

A	Assembly
B	Business
E	Educational
R1	Transient Residential
I	Institution
M	Mercantile

1025.2 Markings within Exit Components

Egress path markings shall be provided in interior exit stairways, interior exit ramps and exit passageways, in accordance with Sections 1025.2.1 through 1025.2.6.



1025.2.1 Steps

A solid and continuous stripe shall be applied to the horizontal leading edge of each step and shall extend for the full length of the step. Outlining stripes shall have a minimum horizontal width of 1 inch (25 mm) and a maximum width of 2 inches (51 mm). The leading edge of the stripe shall be placed not more than 1/2 inch (12.7 mm) from the leading edge of the step and the stripe shall not overlap the leading edge of the step by not more than 1/2 inch (12.7 mm) down the vertical face of the step.

Exception: The minimum width of 1 inch (25 mm) shall not apply to outlining stripes listed in accordance with UL 1994.

Steps and Landing Products

E Series:	Photoluminescent contrast stripes
F / RF Series:	Flat aluminum stair nosings with photoluminescent contrast stripes
S Series:	Cast-in-place aluminum stair nosings with photoluminescent contrast stripes
G5001:	Photoluminescent guidance strip

1025.2.2 Landings

The leading edge of landings shall be marked with a stripe consistent with the dimensional requirements for steps.

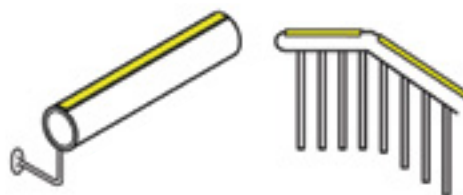
1025.2.3 Handrails

All handrails and handrail extensions shall be marked with a solid and continuous stripe having a minimum width of 1 inch (25 mm). The stripe shall be placed on the top surface of the handrail for the entire length of the handrail, including extensions and newel post caps. Where handrails or handrail extensions bend or turn corners, the stripe shall not have a gap of more than 4 inches (102 mm).

Exception: The minimum width of 1 inch (25 mm) shall not apply to outlining stripes listed in accordance with UL 1994.

Handrail Products

H3001 / H5001:	Handrail strip end caps
G3001 / G5001:	Flat photoluminescent strip



Luminous Egress Path Markings Compliance Guide

2015-2018 IFC/IBC 1025 | 2009-2012 IFC/IBC Section 1024

1025.2.4 Perimeter Demarcation Lines

Stair landings and other floor areas within interior exit stairways, interior exit ramps and exit passageways, with the exception of the sides of steps, shall be provided with solid and continuous demarcation lines on the floor or on the walls or a combination of both. The stripes shall be 1 to 2 inches (25 mm to 51 mm) wide with interruptions not exceeding 4 inches (102 mm).

Exception: The minimum width of 1 inch (25 mm) shall not apply to outlining stripes listed in accordance with UL 1994.

Perimeter Demarcation Line Products

T5-G3001 / T8-6001:	Aluminum track and photoluminescent guidance strip
G3001 / G5001:	Flat photoluminescent strip

1025.2.4.2.1 Wall-mounted Demarcation Lines

Perimeter demarcation lines shall be placed within 4 inches (102 mm) of the wall and shall extend to within 2 inches (51 mm) of the markings on the leading edge of landings. The demarcation lines shall continue across the floor in front of all doors.

Exception: Demarcation lines shall not extend in front of exit discharge doors that lead out of an exit and through which occupants must travel to complete the exit path.

1025.2.4.2.2 Wall-mounted Demarcation Lines

Perimeter demarcation lines shall be placed on the wall with the bottom edge of the stripe not more than 4 inches (102 mm) above the finished floor. At the top or bottom of the stairs, demarcation lines shall drop vertically to the floor within 2 inches (51 mm) of the step or landing edge. Demarcation lines on walls shall transition vertically to the floor and then extend across the floor where a line on the floor is the only practical method of outlining the path. Where the wall line is broken by a door, demarcation lines on walls shall continue across the face of the door or transition to the floor and extend across the floor in front of such door.

Exception: Demarcation lines shall not extend in front of exit discharge doors that lead out of an exit and through which occupants must travel to complete the exit path.

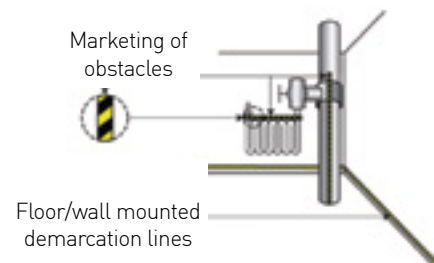
1025.2.4.3 Transition

Where a wall-mounted demarcation line transitions to a floor-mounted demarcation line, or vice-versa, the wall-mounted demarcation line shall drop vertically to the floor to meet a complimentary extension of the floor-mounted demarcation line, thus forming a continuous marking.

1025.2.5 Obstacles

Obstacles at or below 6 feet 6 inches (1981 mm) in height and projecting more than 4 inches (102 mm) into the egress path shall be outlined with markings not less than 1 inch (25 mm) in width comprised of a pattern of alternating equal bands, of luminous material and black, with the alternating bands not more

than 2 inches (51 mm) thick and angled at 45 degrees (0.79 rad). Obstacles shall include, but are not limited to, standpipes, hose cabinets, wall projections, and restricted height areas. However, such markings shall not conceal any required information or indicators including but not limited to instructions to occupants for the use of standpipes.



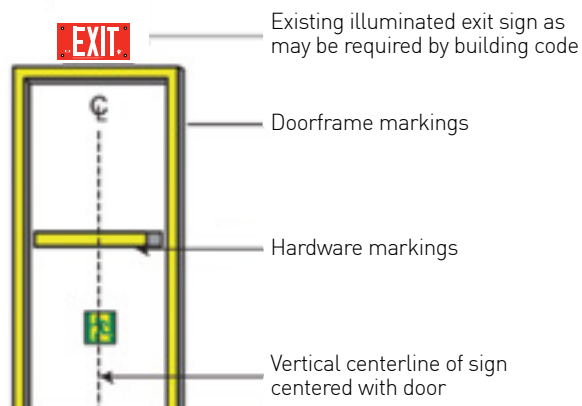
Floor/wall mounted demarcation lines

Obstacles

OB20025:	Photoluminescent obstruction strip
G250R-OB:	Photoluminescent obstruction strip
G250R-OB-C:	Photoluminescent obstruction strip - Curved
G300F-OB:	Photoluminescent obstruction tape

1025.2.6 Doors within the Exit Path

Doors through which occupants must pass in order to complete the exit path shall be provided with markings complying with Sections 1025.2.6.1 through 1025.2.6.3.



Luminous Egress Path Markings Compliance Guide

2015-2018 IFC/IBC 1025 | 2009-2012 IFC/IBC Section 1024

1025.2.6.1 Emergency Exit Symbol

The doors shall be identified by a low-location luminous emergency exit symbol complying with NFPA 170. The exit symbol shall be not less than 4 inches (102 mm) in height and shall be mounted on the door, centered horizontally, with the top of the symbol not higher than 18 inches (457 mm) above the finished floor.

Emergency Exit Symbol	
R Series:	Running man photoluminescent directional and door exit signs

1025.2.6.2 Door Hardware Markings

Door hardware shall be marked with not less than 16 square inches (406 mm²) of luminous material. This marking shall be located behind, immediately adjacent to, or on the door handle or escutcheon. Where a panic bar is installed, such material shall be not less than 1 inch (25 mm) wide for the entire length of the actuating bar or touchpad.

Door Hardware Markings	
DHM Series:	Door hardware indicators

1025.2.6.3 Door Frame Markings

The top and sides of the door frame shall be marked with a solid and continuous 1 inch to 2 inch wide (25 mm to 51 mm) stripe. Where the door molding does not provide sufficient flat surface on which to locate the stripe, the stripe shall be permitted to be located on the wall surrounding the frame.

Door Frame Markings	
G3001 / G5001:	Photoluminescent guidance strip
T5-G3001 / T8-6001:	Aluminum track and photoluminescent guidance strip

1025.3 Uniformity

Placement and dimensions of markings shall be consistent and uniform throughout the same enclosure.

Stairway Identification Signs

Under 2015-2018 IFC/IBC 1023.9 | 2009 Section 1022.8 | 2012 Section 1022.9

A sign shall be provided at each floor landing in an interior exit stairway and ramp connecting more than three stories designating the floor level, the terminus of the top and bottom of the interior exit stairway and ramp and the identification of the stairway or ramp. The signage shall also state the story of, and the direction to, the exit discharge and the availability of roof access from the interior exit stairway and ramp for the fire department. The sign shall be located 5 feet (1,524 mm) above the floor landing in a position that is readily visible when the doors are in the open and closed positions. In addition to the stairway identification sign, a floor-level sign in visual characters, raised characters and braille complying with ICC A117.1 shall be located at each floor-level landing adjacent to the door leading from the interior exit stairway and ramp into the corridor to identify the floor level.



1023.9.1 Signage requirements

Stairway identification signs shall comply with all of the following requirements:

1. The signs shall be a minimum size of 18 inches (457 mm) by 12 inches (305 mm).
2. The letters designating the identification of the interior exit stairway and ramp shall be not less than 1 1/2 inches (38 mm) in height.
3. The number designating the floor level shall be not less than 5 inches (127 mm) in height and located in the center of the sign.
4. Other lettering and numbers shall be not less than 1 inch (25 mm) in height.
5. Characters and their background shall have a non-glare finish. Characters shall contrast with their background, with either light characters on a dark background or dark characters on a light background.
6. Where signs required by Section 1023.9 are installed in the interior exit stairways and ramps of buildings subject to Section 1025, the signs shall be made of the same materials as required by Section 1025.4.

Means of Egress of Existing Buildings

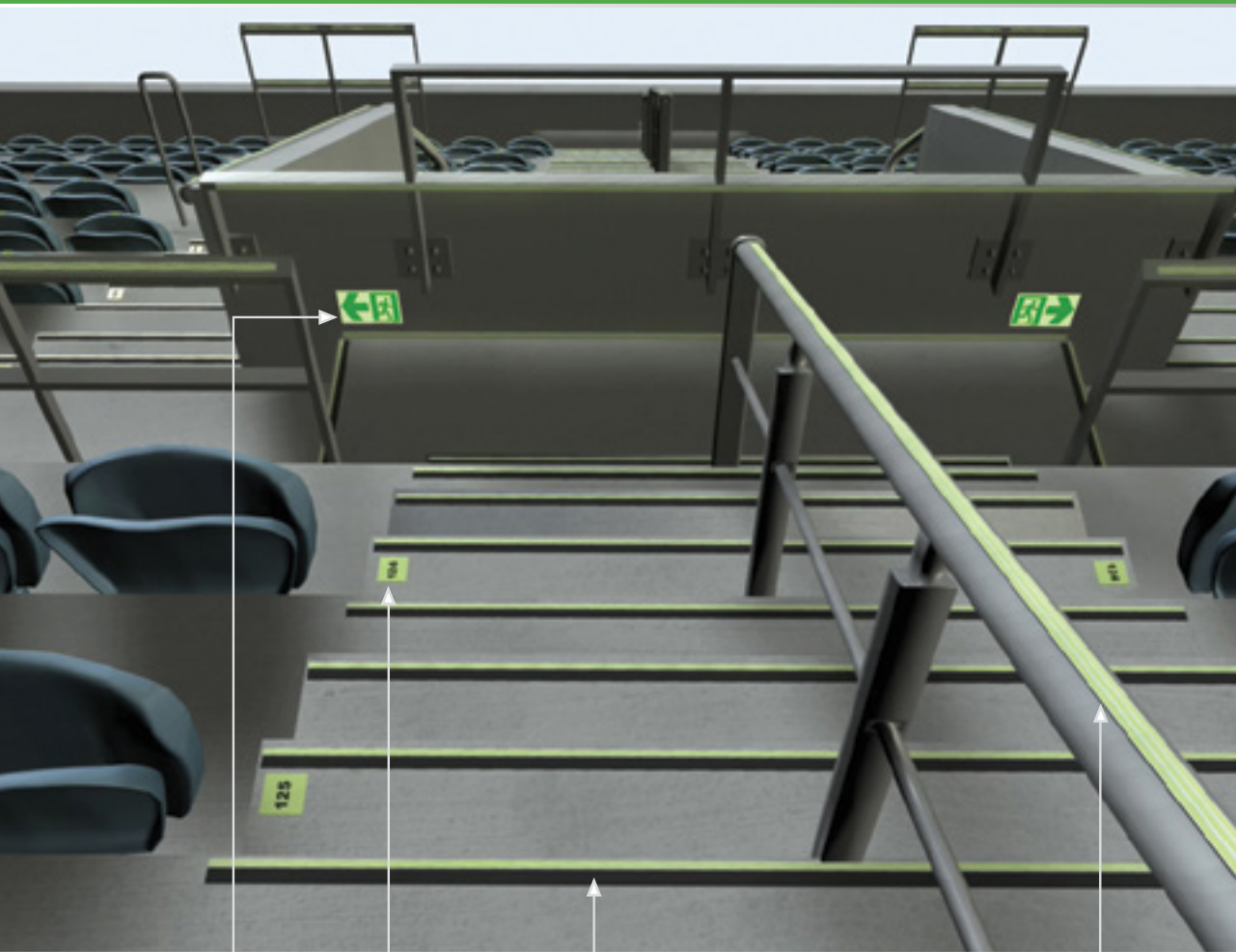
Under 2014-2018 IFC/IBC 1104.25

104.25 Egress path markings. Existing high-rise buildings of Group A, B, E, I, M and R-1 occupancies shall be provided with luminous egress path markings in accordance with Section 1025.

System Design

Where to Install
Ecoglo in Arenas

 **ecoglo**[®]
VISIBLY BETTER



Directional Markers

Aisle Markers

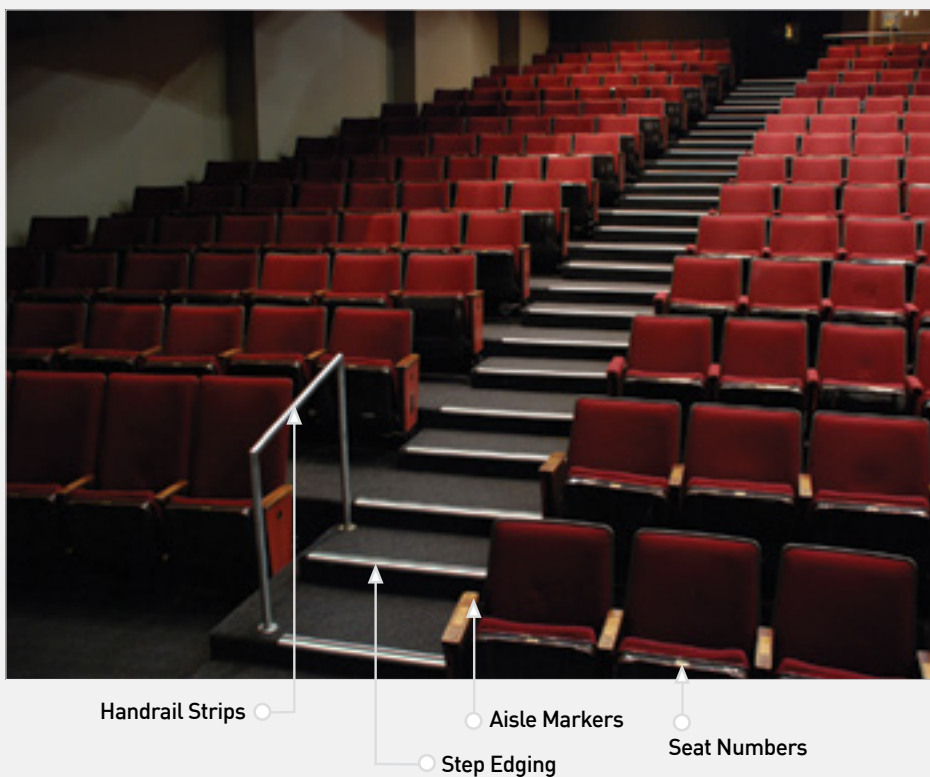
Step Edging

Handrail Strips

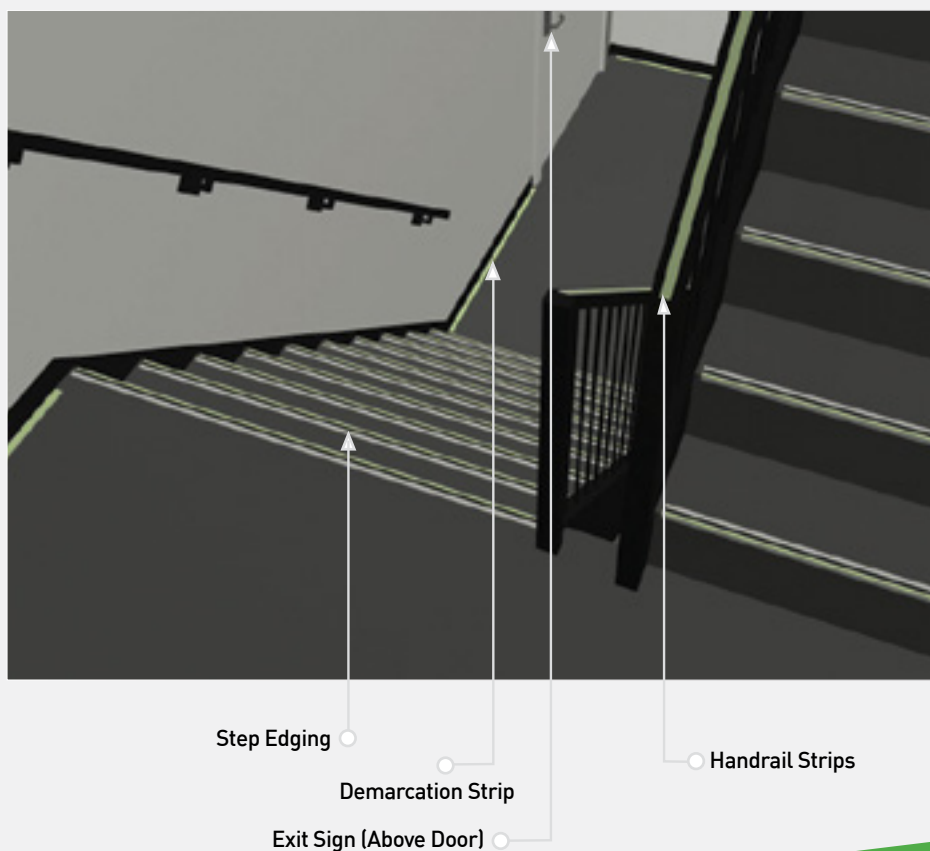
Ecoglo is Visible

System Design

Where to Install Ecoglo in Theatres



Where to Install Ecoglo in Fire Exit Stairways



Luminance Requirements

A luminance level of 5 millicandelas per m^2 (mcd/m^2) after 90 minutes of darkness is considered adequately visible for photoluminescent emergency lighting in the following international codes and standards. Ecoglo products EXCEED ALL these requirements.

NEW YORK CITY REFERENCE STANDARD RS6-1 PHOTOLUMINESCENT EXIT PATH MARKINGS

This reference standard was promulgated in May 2005, and is referenced into the New York City building code by New York City Local Law 26 of 2004.

This law requires high-rise office buildings in New York City to have photoluminescent path markings in all exit pathways. This is supplementary to existing emergency lighting requirements, and applies to all buildings, old and new.

RS6-1 defines the size and location of the markings and signage, as well as their performance requirements. Markings are required on all step edges, and as perimeter markings of the exit pathways, stairwell landings, and exit doors. Exit signs are also required. New buildings require handrail markings. Performance requirements include a minimum luminance at ninety minutes of $5\text{mcd}/\text{m}^2$ after charging at $2\text{f}/\text{c}$ for 120 mins in fluorescent light. Conforms to tests for flammability, toxicity, radioactivity, washability, and (optionally) UV stability.

ICC INTERNATIONAL BUILDING CODE AND INTERNATIONAL FIRE CODE

New code has been added to Chapter 10, Means of Egress, since the 2009 International Building Code and International Fire Code. The International Building Code is in use or adopted in 50 states, the District of Columbia, the US Virgin Islands, NYC, Guam, and the Northern Marianas Islands. The new code requires photoluminescent exit path markings in new non-residential buildings of 75 foot height or more. Photoluminescent markings are required on all step edges and handrails, and as perimeter markings of the exit pathways, including stairwell landings. For performance requirements the code prescribes compliance with either

- UL 1994, Luminous Egress Path Marking Systems, or
- ASTM E2072 Standard Specification for Photoluminescent Safety Markings (subject to modified charging source requirements)

NEW YORK CITY LOCAL LAW 141

As an adaptation of the ICC International Building Code and International Fire Code, the New York City Local Law 141 signaled the beginning of New York City's move towards an internationally recognized standard for photoluminescent path marking and compliance. Any exceptions or deviations by comparison are usually related to NYC specific section numbering conventions.

UL 1994 LUMINOUS EGRESS PATH MARKING SYSTEMS

UL 1994 is a standard that provides requirements for floor proximity and other egress path marking and lighting systems that provide a visual delineation of the path of egress. These systems are also used to identify significant egress path features such as doors, stair banisters, obstacles or information placards.

Such systems are intended for installation and use as required by building and fire safety codes such as the Life Safety Code, NFPA 101; the Building Construction and Safety Code, NFPA 5000, and the International Building Code sponsored by the International Code Council.

UL 1994 requires each system element to be recognizable from a distance of 25 feet, and also requires all elements that may be applied to a floor or step to meet UL 410 Slip Resistance of Floor Surface Materials, and to be tested for the effects of cleaning.

ASTM E2072, STANDARD TEST METHOD FOR PHOTOPIC LUMINANCE OF PHOTOLUMINESCENT (PHOSPHORESCENT) MARKINGS

This standard requires that photoluminescent markings be tested for photoluminescent brightness (luminance) following charging for 2 hours at 21.6 lux from a Fluorescent lamp having a color temperature between 4000K and 4500K. The required luminance properties are:

- After 10 minutes, minimum luminance $20\text{mcd}/\text{m}^2$
- After 60 minutes, minimum luminance $2.8\text{mcd}/\text{m}^2$

Charging Tables

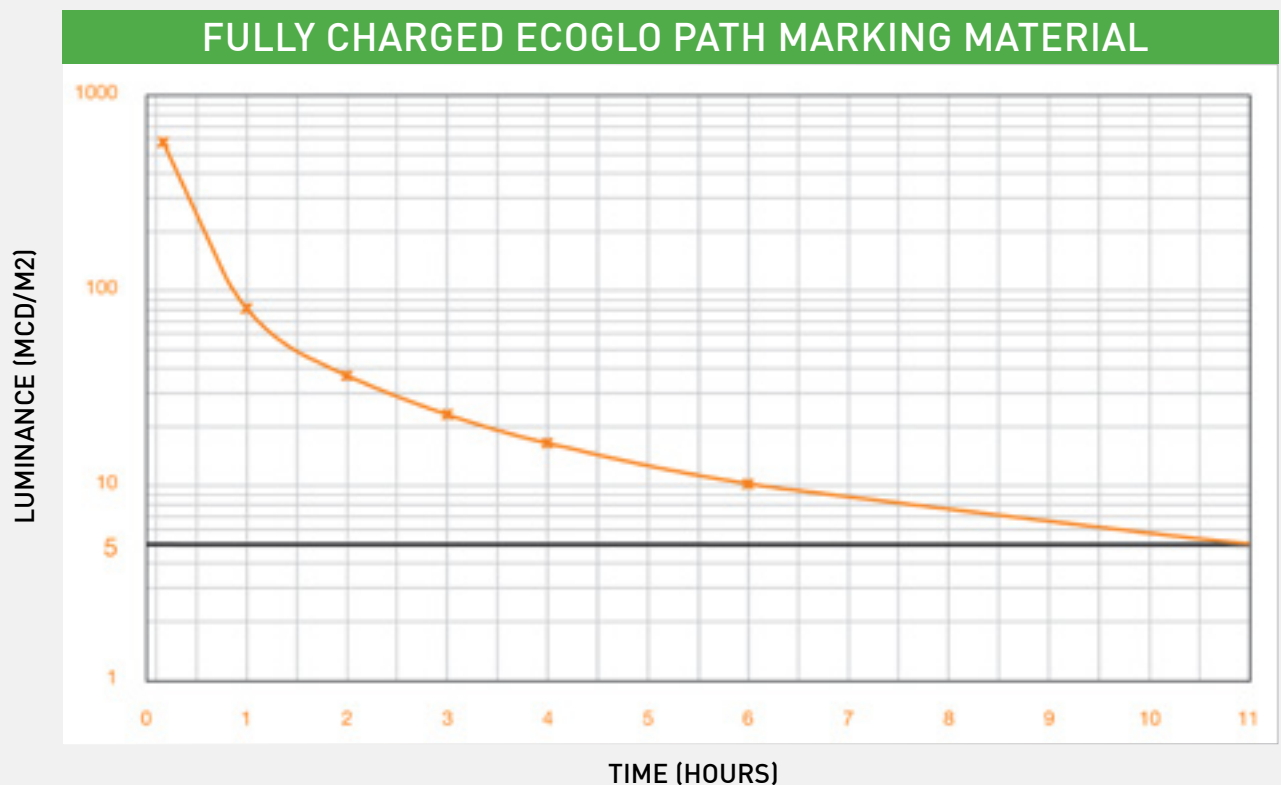
Fluorescent Charging of Ecoglo Path Marking Material

150 LUX, 4000K in Reasonably Lit Area	
Activation Time	Hours of Visibility
5 minutes	2.50 hours
10 minutes	4.00 hours
20 minutes	6.00 hours
30 minutes	7.00 hours

20 LUX, 4000K in Poorly Lit Area	
Activation Time	Hours of Visibility
5 minutes	0.50 hours
10 minutes	1.00 hours
20 minutes	2.25 hours
30 minutes	3.00 hours

300 LUX, 4000K in Well Lit Area	
Activation Time	Hours of Visibility
5 minutes	4.00 hours
10 minutes	6.00 hours
20 minutes	7.00 hours
30 minutes	8.00 hours

Ecoglo Brightness Decay Curve



Durability Standards and Tests

Benefits and Technical Details

Ecoglo Products Meet or Exceed the Performance Criteria Specified in the following Tests or Standards:

- In United States, UL 924
- In Canada, ULC S572

1. High Visibility In Dark or Light Conditions

Brightness:

- ASTM E2073, 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 Non-metallic 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. Reduces Slips

Slip Resistance:

- UL 410, Standard for Slip Resistance for Floor Surface Materials.
- AS/NZS 4586-1999, Slip Resistance Classification of New Pedestrian Surface Materials.
- AS/NZ 4586 - 2004, Slip Resistance Classification of New Pedestrian Surface Materials-App. D (oil- wet ramp test).

4. Head Wearing

Abrasion Resistance:

- ASTM D1242-95a, Standard Test Methods for Resistance of Plastic Materials to Abrasion.
- ASTM B 244-97, Test Methods for Measurement of Anodic Coatings on Aluminum and other Nonconductive Coatings on Nonmagnetic Basis Metals with Eddy-Current Instruments.
- ASTM B137-95(2000), Test Method for Measurement of Coating Mass per Unit Area of Anodically Coated Aluminum.
- 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.
- ASTM B136-84(1998), Standard Test Method for Measurement of Stain Resistance of Anodic Coatings on Aluminum.

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.

Cleaning and Maintenance

Cleaning

Regular cleaning to remove built up dirt and objects on the strips will ensure Ecoglo will continue performing to expectation. Note that the photoluminescence will continue performing even after UV exposure or exposure to moisture. Vacuuming or brushing with a stiff bristle head (wet or dry) is often enough to keep the strips clean. The glowing strip can also be wiped clean with a wet or dry sponge or cloth. Observation will determine if cleaning is required, however a regular cleaning every 4 to 6 weeks or after particularly heavy use should ensure correct performance.

1. High-pressure water (but not steam cleaning) can also be used to clean the strips.
2. Do not use highly alkaline or acidic cleaning agents. The pH of the cleaning agents should be between pH 5 and pH 12. If cleaning agents are applied at more than pH 10, the strips should be rinsed with pH neutral (pH 6 to pH 8) solution afterwards.

Maintenance

Ecoglo products should be checked annually to ensure the following:

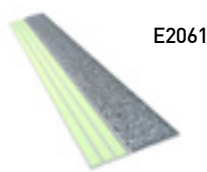
- All products are still in place as at installation and there is no material damage to any of these products.
- All products are clean from general dust build up and any other specific obscuring deposits such as gum or tar.
- All products are clearly visible and have not been covered by carpet or other materials.
- All products mark a clear path and have not been obstructed by physical hazards such as trolleys, machinery etc.
- All products can be used to provide clear escape path marking and there has been no change to the configuration of the building which renders them unusable.
- All light required to charge Ecoglo products is operating as designed at installation.

Step Edge Contrast Strips, Non-Slip Strips

E Series Contrast Strips - Photoluminescent Leading Edge



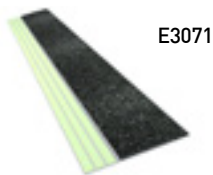
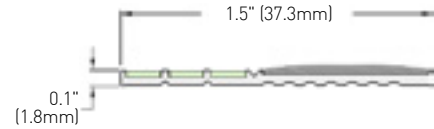
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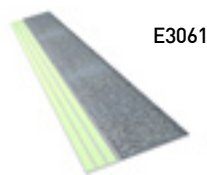
E2061



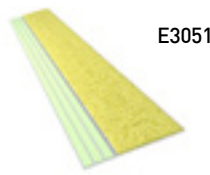
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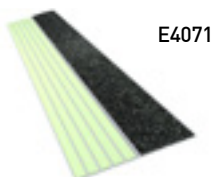
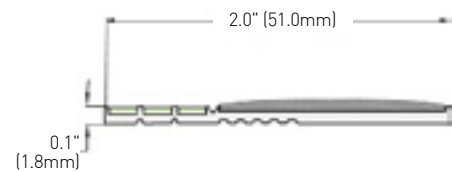
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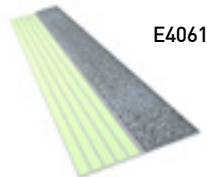
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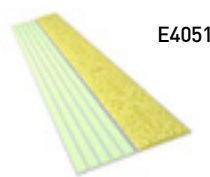
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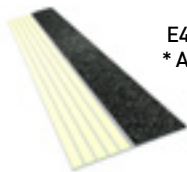
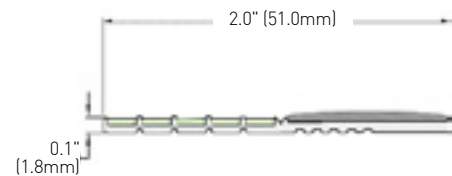
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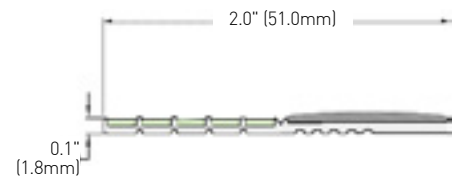
E4061



E4051



E4073
* Alternative Option



N Series Non-Slip Strips - Not Photoluminescent



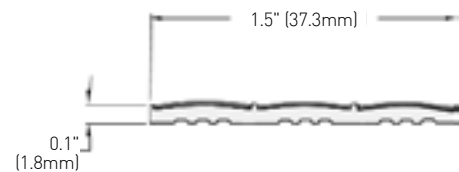
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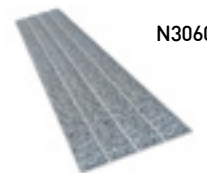
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N2050



N3070



N3060



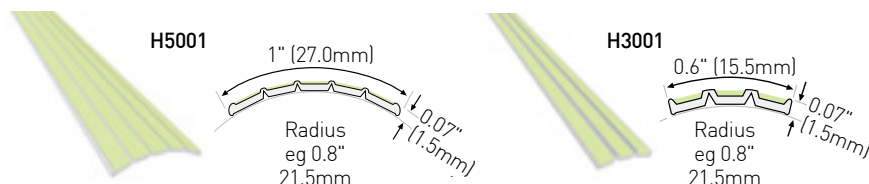
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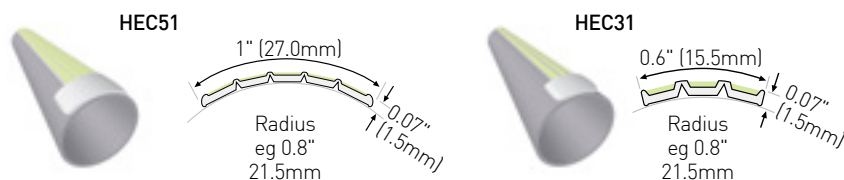
* Recommended for Code Compliant High Rise Building Egress Solution.

Photoluminescent Handrail Strips

H Series Handrail Strips - Photoluminescent

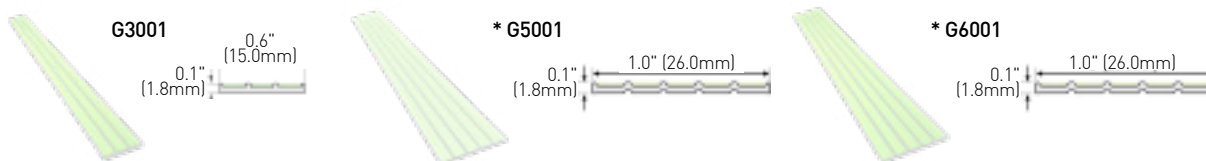


Handrail End Caps - Non Photoluminescent



Photoluminescent Guidance Strips

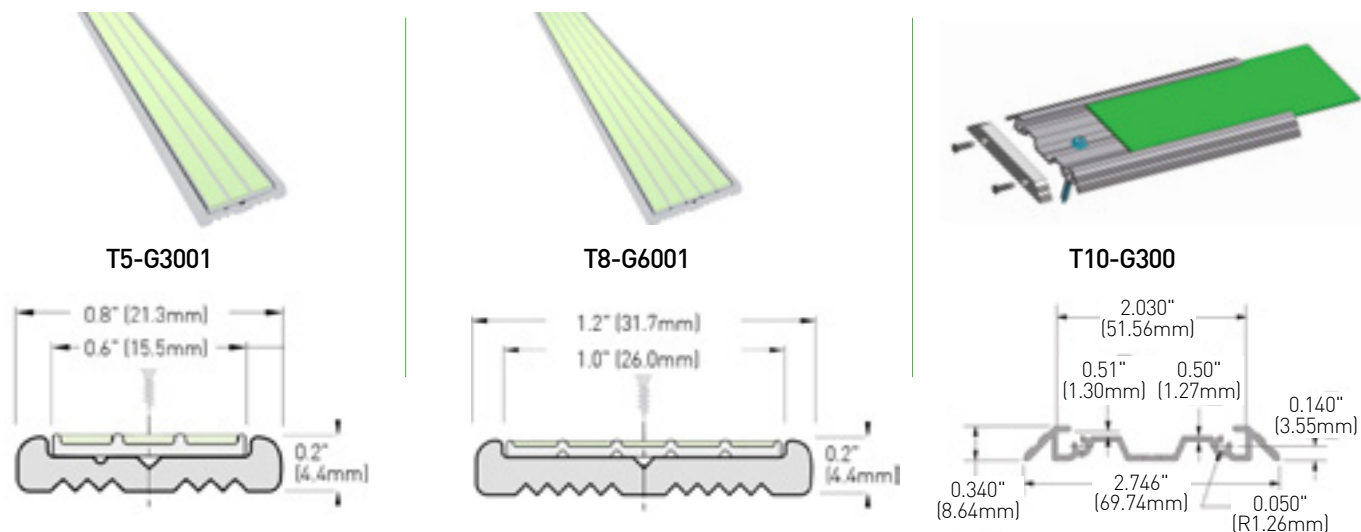
G Series Guidance Strips - Photoluminescent



* Recommended for Code Compliant High Rise Building Egress Solution.

Photoluminescent Guidance Strips with Aluminum Track

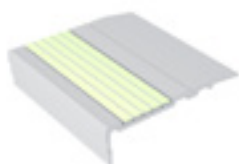
T Series Guidance Strips



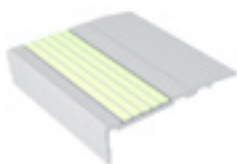
Stair Nosings

F Series Flat Stair Nosings

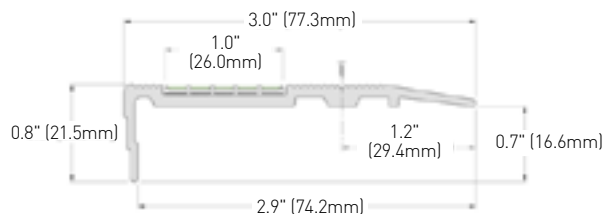
Clear anodized aluminum standard (Type 11, Class 1). Black, bronze and custom color anodizing available as a special order.



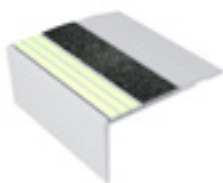
*** F3003
NON-SLIP**



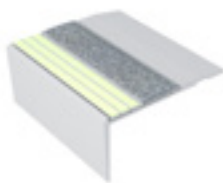
**F3001
NON-SLIP**



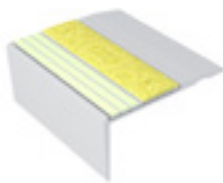
MILL FINISH ALUMINUM



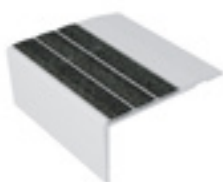
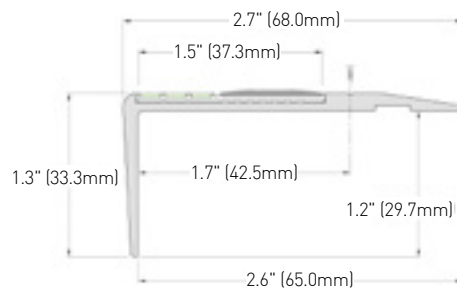
**F4171
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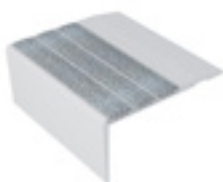
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GREY NON-SLIP**



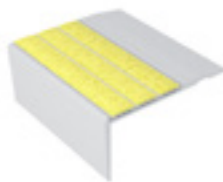
**F4151
YELLOW NON-SLIP**



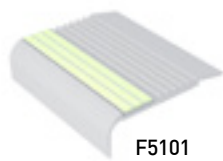
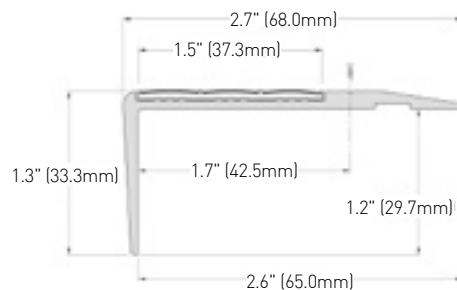
**F4170
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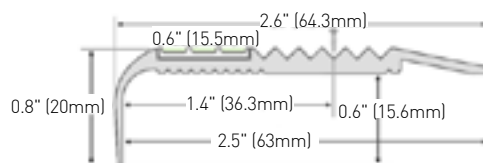
**F4160
GREY NON-SLIP**



**F4150
YELLOW NON-SLIP**



**F5101
NON-SLIP**



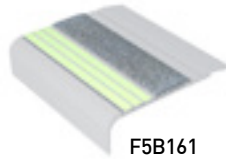
* Recommended for Code Compliant High Rise Building Egress Solution.

F Series Flat Stair Nosing

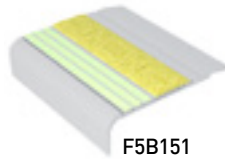
Clear anodized aluminum standard (Type 11, Class 1). Black, bronze and custom color anodizing available as a special order. Continued.



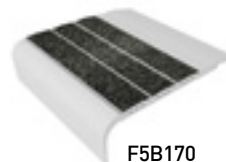
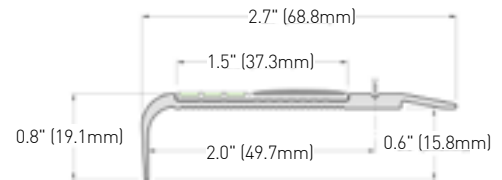
F5B171
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F5B161
GREY NON-SLIP



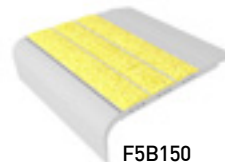
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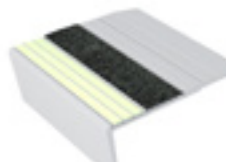
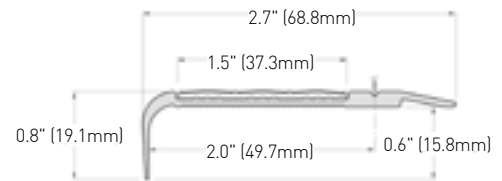
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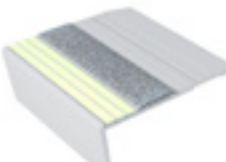
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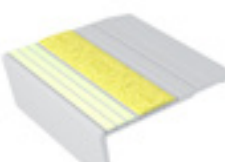
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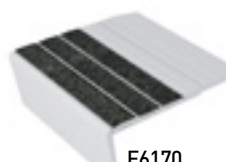
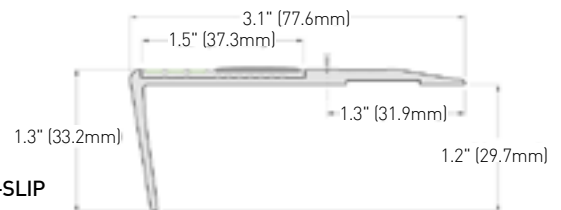
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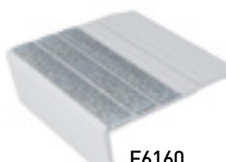
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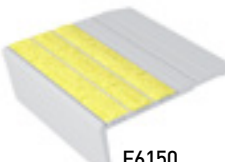
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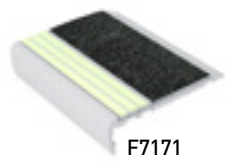
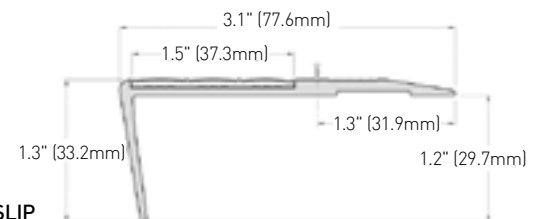
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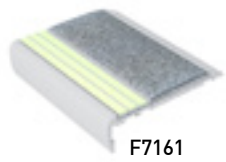
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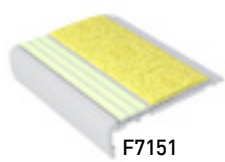
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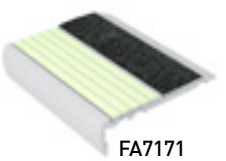
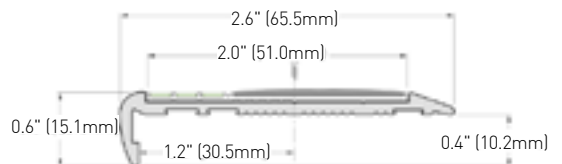
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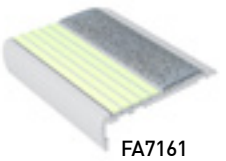
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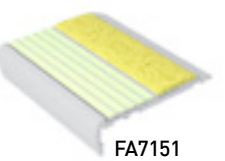
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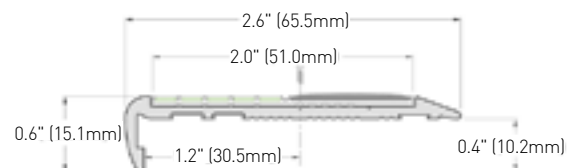
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FA7161
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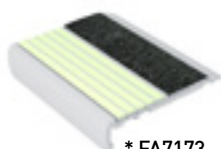


FA7151
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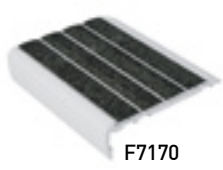
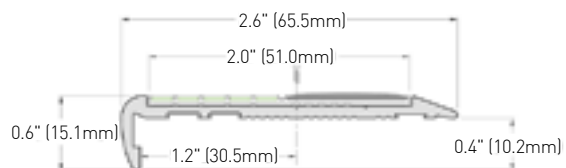


F Series Flat Stair Nosing

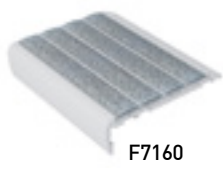
Clear anodized aluminum standard (Type 11, Class 1). Black, bronze and custom color anodizing available as a special order. Continued.



*** FA7173
BLACK NON-SLIP**



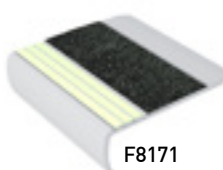
**F7170
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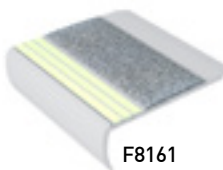
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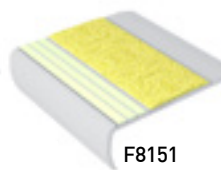
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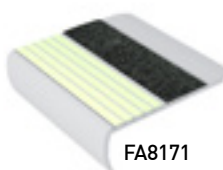
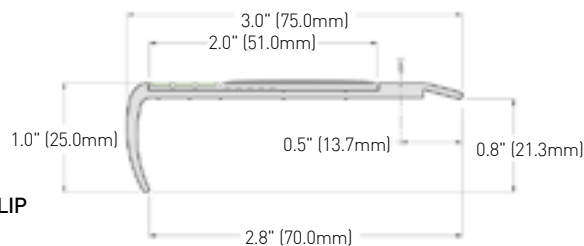
**F8171
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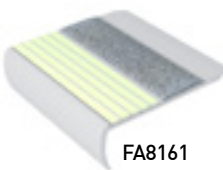
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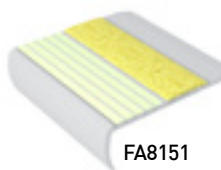
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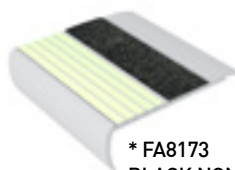
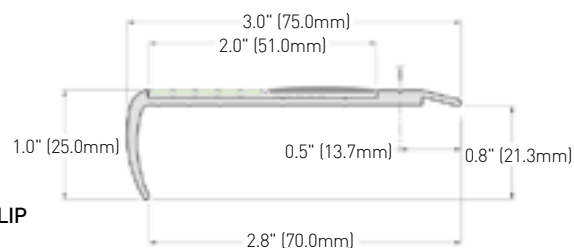
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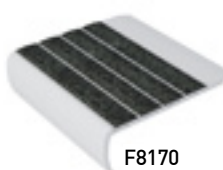
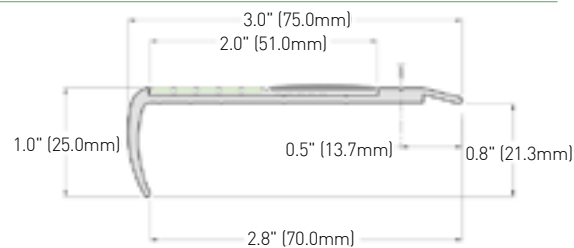
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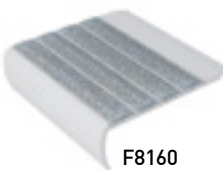
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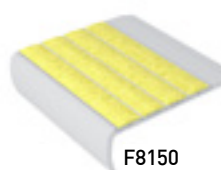
*** FA8173
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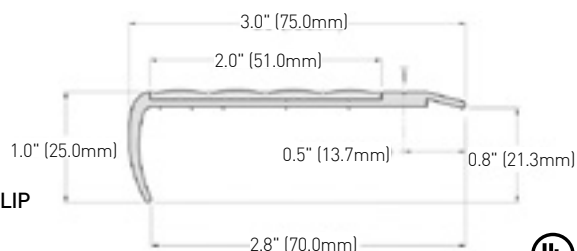
**F8170
BLACK NON-SLIP**



**F8160
GREY NON-SLIP**



**F8150
YELLOW NON-SLIP**

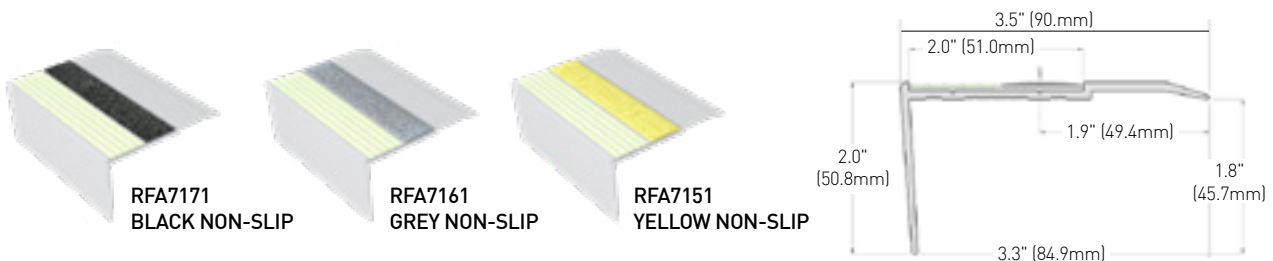
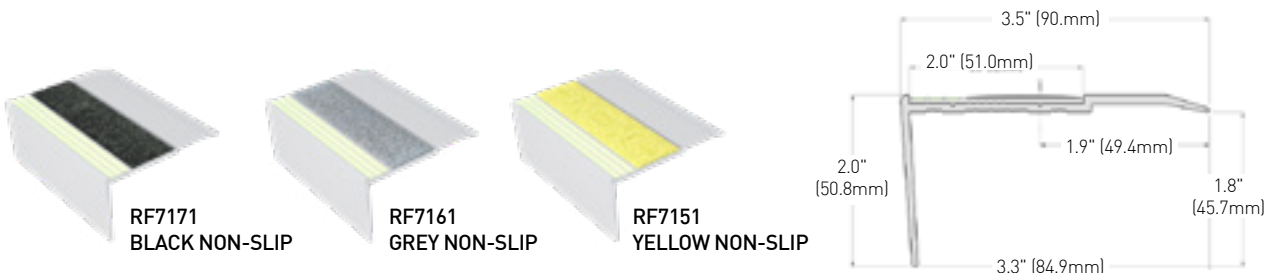
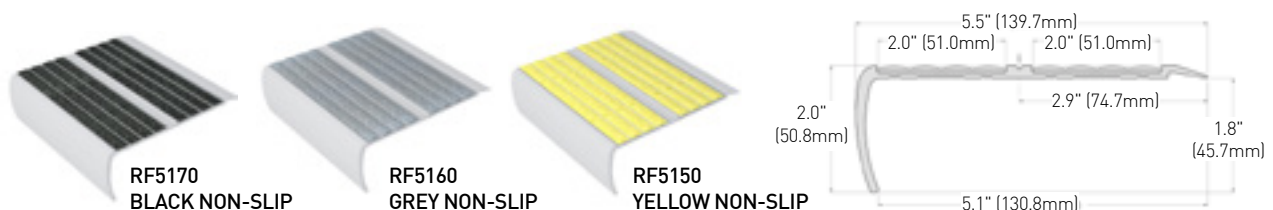
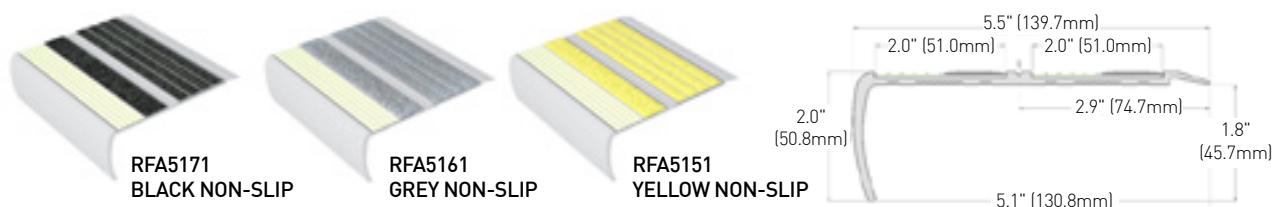


* Recommended for Code Compliant High Rise Building Egress Solution.



RF Series Flat Stair Nosing

Clear anodized aluminum standard (Type 11, Class 1). Black, bronze and custom color anodizing available as a special order.

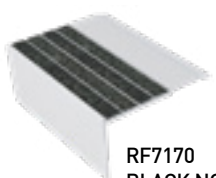
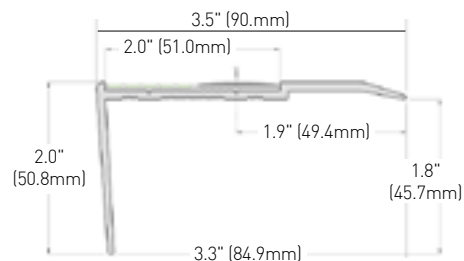


RF Series Flat Stair Nosings

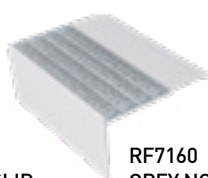
Clear anodized aluminum standard (Type 11, Class 1). Black, bronze and custom color anodizing available as a special order. Continued.



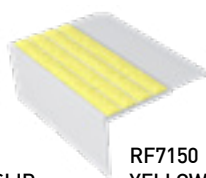
*** RFA7173
BLACK NON-SLIP**



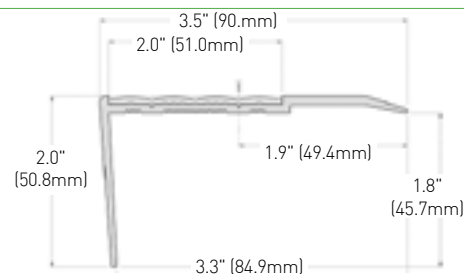
**RF7170
BLACK NON-SLIP**



**RF7160
GREY NON-SLIP**



**RF7150
YELLOW NON-SLIP**



C Series Carpet Stair Nosings

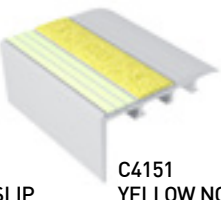
Clear anodized aluminum standard (Type 11, Class 1). Black, bronze and custom color anodizing available as a special order.



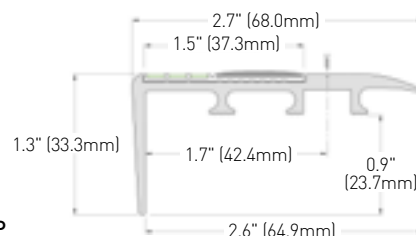
**C4171
BLACK NON-SLIP**



**C4161
GREY NON-SLIP**



**C4151
YELLOW NON-SLIP**



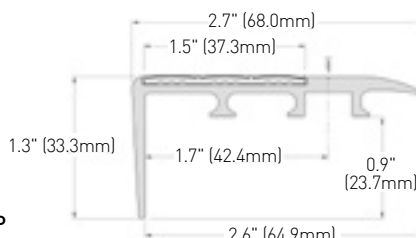
**C4170
BLACK NON-SLIP**



**C4160
GREY NON-SLIP**



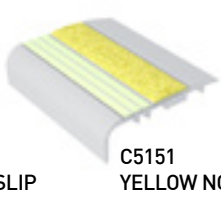
**C4150
YELLOW NON-SLIP**



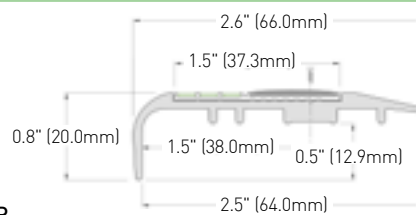
**C5171
BLACK NON-SLIP**



**C5161
GREY NON-SLIP**



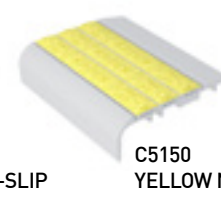
**C5151
YELLOW NON-SLIP**



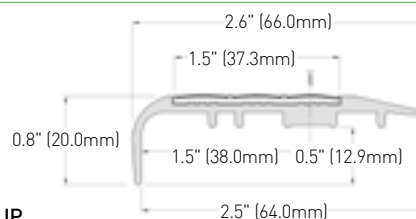
**C5170
BLACK NON-SLIP**



**C5160
GREY NON-SLIP**



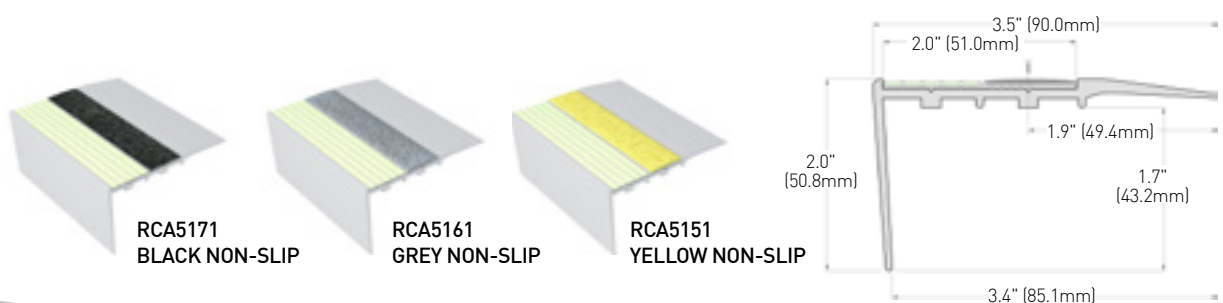
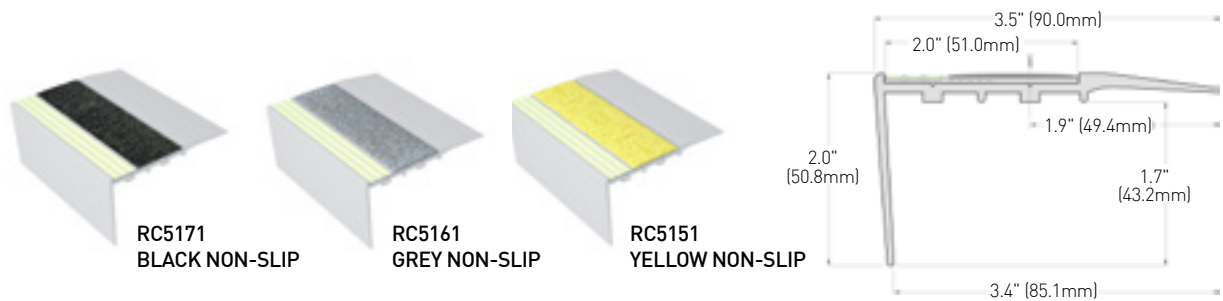
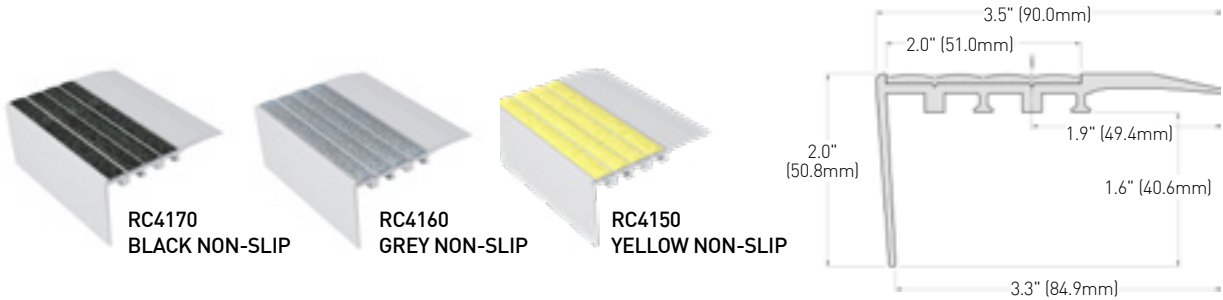
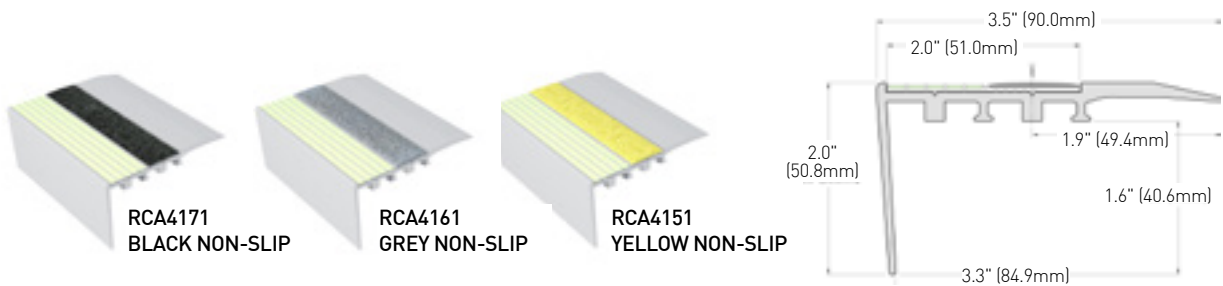
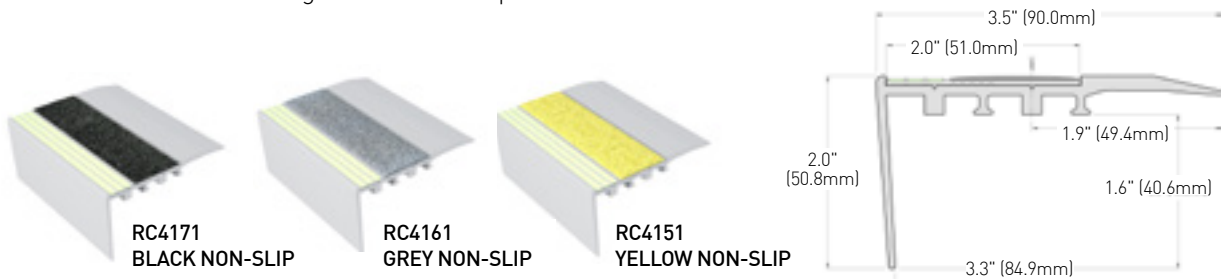
**C5150
YELLOW NON-SLIP**



* Recommended for Code Compliant High Rise Building Egress Solution.

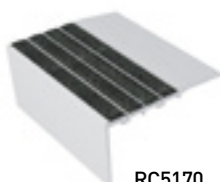
RC Series Carpet Stair Nosings

Clear anodized aluminum standard (Type 11, Class 1). Black, bronze and custom color anodizing available as a special order.

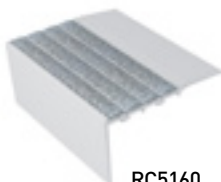


RC Series Carpet Stair Nosings

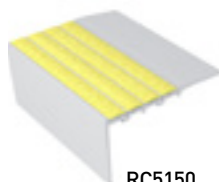
Clear anodized aluminum standard (Type 11, Class 1). Black, bronze and custom color anodizing available as a special order. Continued.



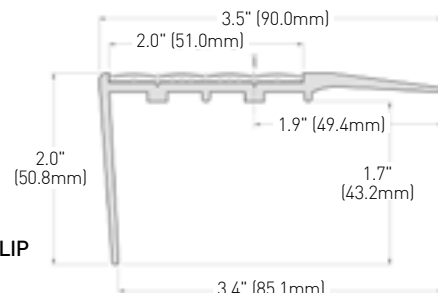
RC5170
BLACK NON-SLIP



RC5160
GREY NON-SLIP



RC5150
YELLOW NON-SLIP



S Series Cast-in-Place Stair Nosings

Mill finish aluminum with a clear acrylic lacquer coating.



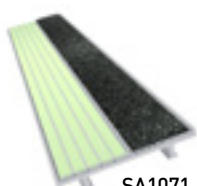
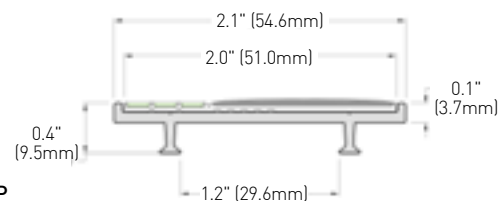
S1071
BLACK NON-SLIP



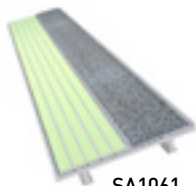
S1061
GREY NON-SLIP



S1051
YELLOW NON-SLIP



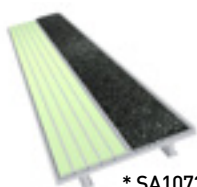
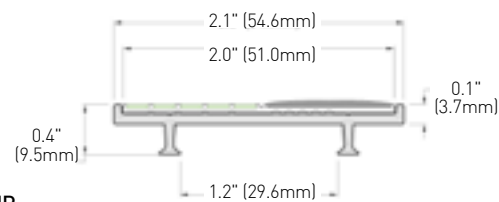
SA1071
BLACK NON-SLIP



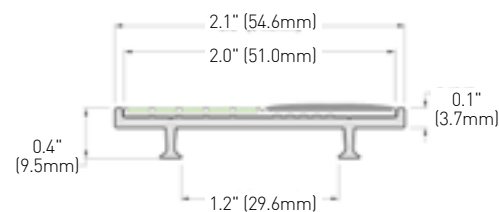
SA1061
GREY NON-SLIP



SA1051
YELLOW NON-SLIP



*** SA1073**
BLACK NON-SLIP



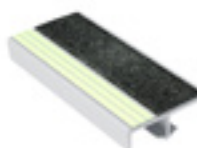
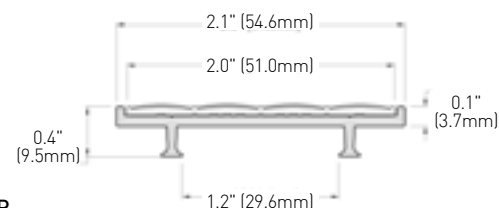
S1070
BLACK NON-SLIP



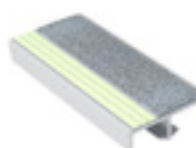
S1060
GREY NON-SLIP



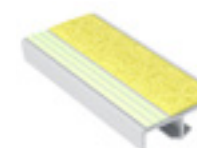
S1050
YELLOW NON-SLIP



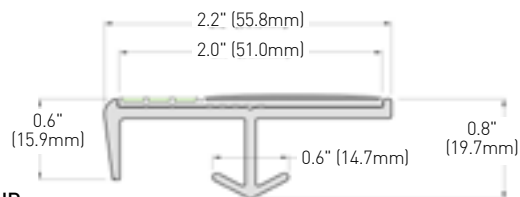
S2171
BLACK NON-SLIP



S2161
GREY NON-SLIP



S2151
YELLOW NON-SLIP



CLEAR ANODIZED ALUMINUM



* Recommended for Code Compliant High Rise Building Egress Solution.

S Series Cast-in-Place Stair Nosings

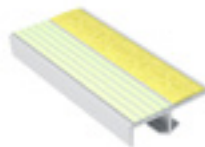
Mill finish aluminum with a clear acrylic lacquer coating. Continued.



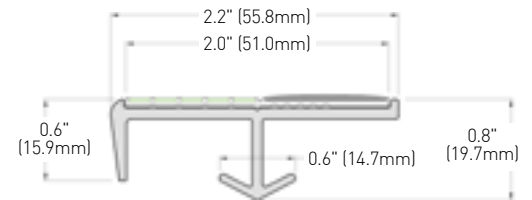
**SA2171
BLACK NON-SLIP**



**SA2161
GREY NON-SLIP**



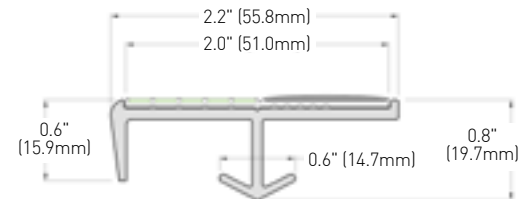
**SA2151
YELLOW NON-SLIP**



CLEAR ANODIZED ALUMINUM



***SA2173
BLACK NON-SLIP**



CLEAR ANODIZED ALUMINUM



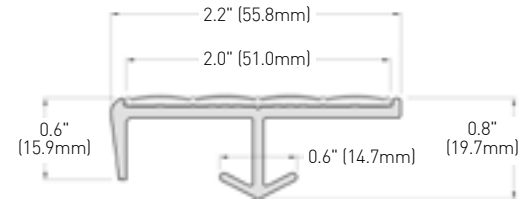
**S2170
BLACK NON-SLIP**



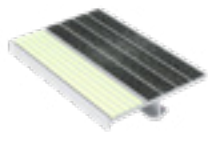
**S2160
GREY NON-SLIP**



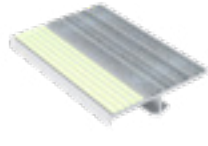
**S2150
YELLOW NON-SLIP**



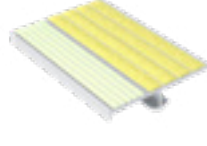
CLEAR ANODIZED ALUMINUM



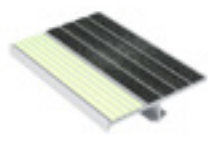
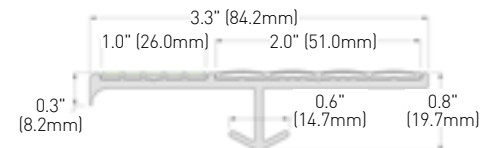
**S3071
BLACK NON-SLIP**



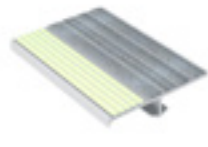
**S3061
GREY NON-SLIP**



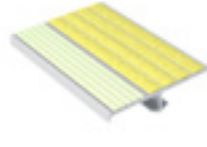
**S3051
YELLOW NON-SLIP**



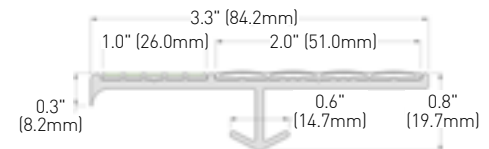
***S3073
BLACK NON-SLIP**



***S3063
GREY NON-SLIP**



***S3053
YELLOW NON-SLIP**



**S3070
BLACK NON-SLIP**



S Series Cast-in-Place Stair Nosings

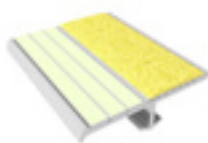
Mill finish aluminum with a clear acrylic lacquer coating. Continued.



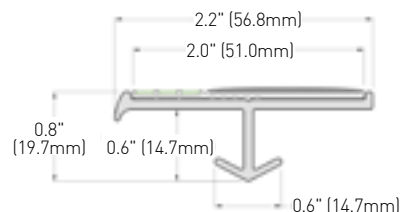
S4071
BLACK NON-SLIP



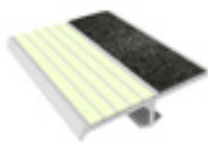
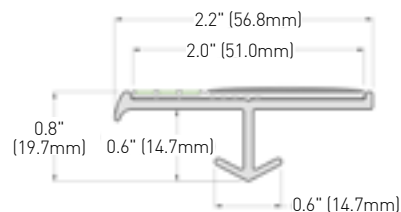
S4061
GREY NON-SLIP



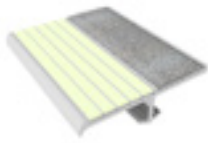
S4051
YELLOW NON-SLIP



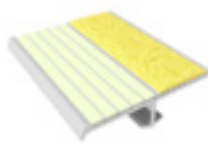
*** SA4073**
BLACK NON-SLIP



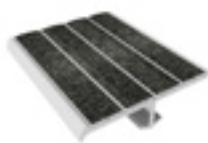
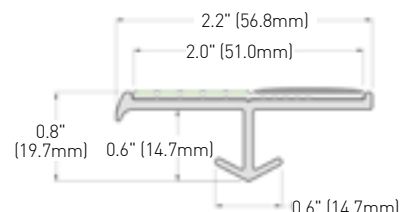
SA4071
BLACK NON-SLIP



SA4061
GREY NON-SLIP



SA4051
YELLOW NON-SLIP



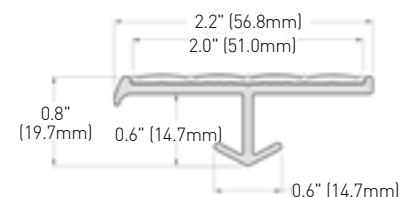
S4070
BLACK NON-SLIP



S4060
GREY NON-SLIP



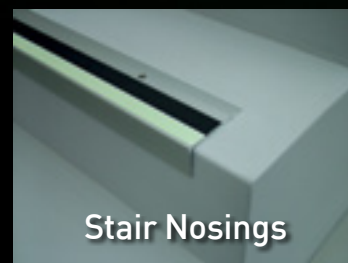
S4050
YELLOW NON-SLIP



* Recommended for Code Compliant High Rise Building Egress Solution.

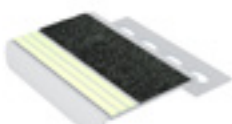


IBC/IFC/NFPA Compliant Step Edge Solutions

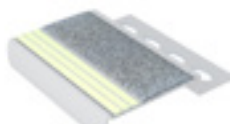


M Series Tile Nosings

Clear anodized aluminum standard (Type 11, Class 1). Black, bronze and custom color anodizing available as a special order.



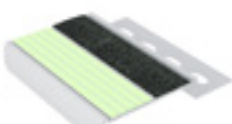
M4171.125
BLACK NON-SLIP



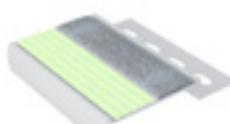
M4161.125
GREY NON-SLIP



M4151.125
YELLOW NON-SLIP



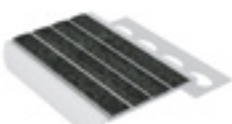
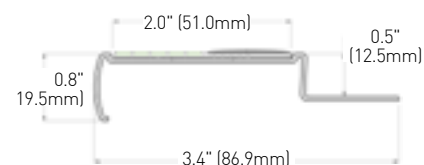
MA4171.125
BLACK NON-SLIP



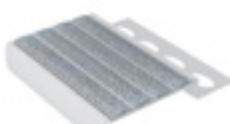
MA4161.125
GREY NON-SLIP



MA4151.125
YELLOW NON-SLIP



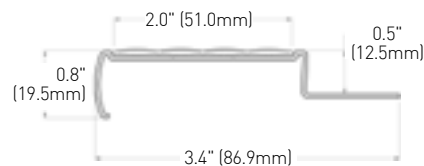
M4170.125
BLACK NON-SLIP



M4160.125
GREY NON-SLIP



M4150.125
YELLOW NON-SLIP



Resilient Flooring Stair Nosings

Clear anodized aluminum standard (Type 11, Class 1). Black, bronze and custom color anodizing available as a special order.



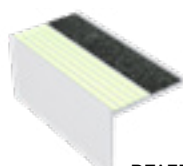
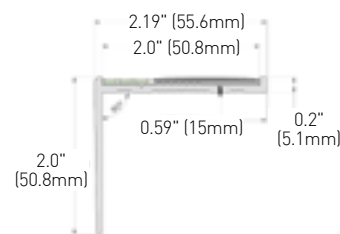
RF7B171
BLACK NON-SLIP



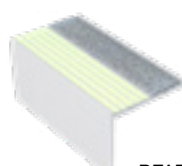
RF7B161
GREY NON-SLIP



RF7B151
YELLOW NON-SLIP



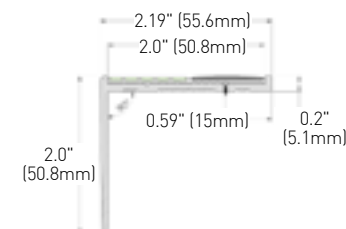
RFA7B171
BLACK NON-SLIP



RFA7B161
GREY NON-SLIP



RFA7B151
YELLOW NON-SLIP

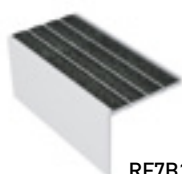
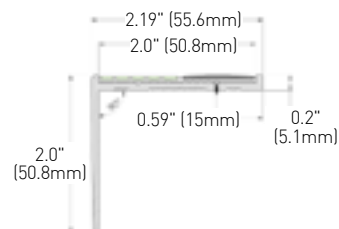


Resilient Flooring Stair Nosing

Clear anodized aluminum standard (Type 11, Class 1). Black, bronze and custom color anodizing available as a special order. Continued.



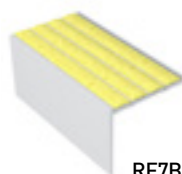
*** RFA7B173
BLACK NON-SLIP**



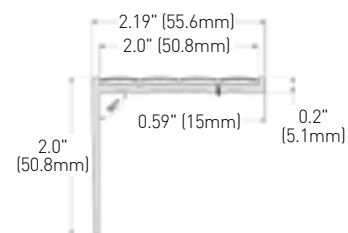
**RF7B170
BLACK NON-SLIP**



**RF7B160
GREY NON-SLIP**



**RF7B150
YELLOW NON-SLIP**



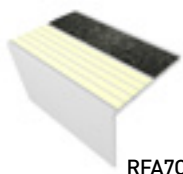
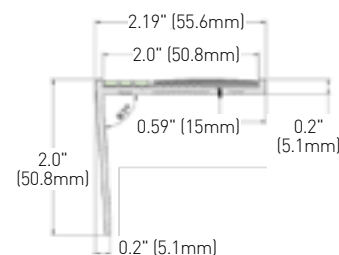
**RF7C171
BLACK NON-SLIP**



**RF7C161
GREY NON-SLIP**



**RF7C151
YELLOW NON-SLIP**



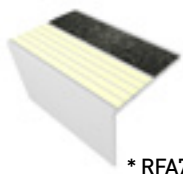
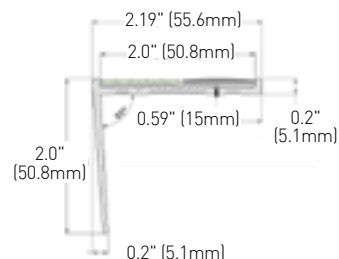
**RFA7C171
BLACK NON-SLIP**



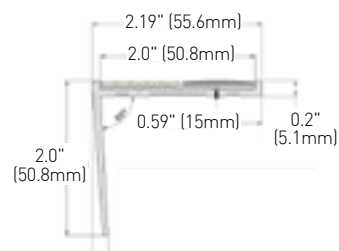
**RFA7C161
GREY NON-SLIP**



**RFA7C151
YELLOW NON-SLIP**



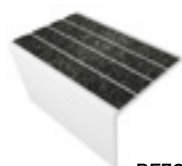
*** RFA7C173
BLACK NON-SLIP**



* Recommended for Code Compliant High Rise Building Egress Solution.

Resilient Flooring Stair Nosing

Clear anodized aluminum standard (Type 11, Class 1). Black, bronze and custom color anodizing available as a special order. Continued.



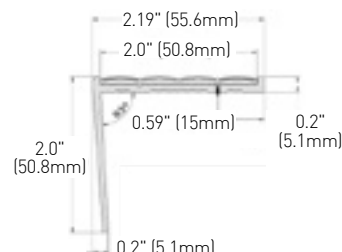
RF7C170
BLACK NON-SLIP



RF7C160
GREY NON-SLIP



RF7C150
YELLOW NON-SLIP



Path Marking Signs

Path Marking Signs



**EXIT TO
THE RIGHT**

RA02012
8" x 4.6"
(203mm x
116.84mm)



**EXIT TO
THE LEFT**

RB02012
8" x 4.6"
(203mm x
116.84mm)



**EXIT DOWN AND
TO THE RIGHT**

RC02012
8" x 4.6"
(203mm x
116.84mm)



**EXIT DOWN AND
TO THE LEFT**

RD02012
8" x 4.6"
(203mm x
116.84mm)



**EXIT UP AND
TO THE RIGHT**

RE02012
8" x 4.6"
(203mm x
116.84mm)



**EXIT UP AND
TO THE LEFT**

RF02012
8" x 4.6"
(203mm x
116.84mm)



**EXIT STRAIGHT
AHEAD AND UP**

RG02012
8" x 4.6"
(203mm x
116.84mm)



**EXIT STRAIGHT
AHEAD AND DOWN**

RH02012
8" x 4.6"
(203mm x
116.84mm)

Wall Mounted Path Marking Door Signs



**EXIT TO
THE RIGHT**

RAE2122
8.4" x 8.89"
(213.36mm x
226mm)



**EXIT TO
THE LEFT**

RBE2122
8.4" x 8.89"
(213.36mm x
226mm)



**FINAL EXIT TO
THE RIGHT**

RAF2128
8.4" x 11.1"
(213.36mm x
282mm)



**FINAL EXIT TO
THE LEFT**

RBF2128
8.4" x 11.1"
(213.36mm x
282mm)



**EXIT THROUGH THE
LOBBY TO THE LEFT**

RBV4219
16.4" x 7.4"
(416.56mm x 188mm)



**EXIT THROUGH THE
LOBBY TO THE RIGHT**

RAY4219
16.4" x 7.4"
(416.56mm x 188mm)

Path Marking Signs

Door Mounted Path Marking Signs



**NO EXIT
(TEXT ONLY)**

OON1854
7" x 2.1"
(177.8mm x 53.34mm)



**RUNNING
MAN WITH EXIT**

ROE3312
13" x 4.6"
(330mm x 116.84mm)



EXIT UP

RGE2122
8.4" x 8.9"
(213.36mm x 226mm)



FINAL EXIT UP

RGF2128
8.4" x 11.1"
(213.36mm x 282mm)



**EXIT THROUGH
LOBBY UP**

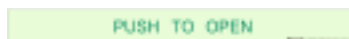
RGY4219
16.4" x 7.4"
(416.56mm x 188mm)

Door Hardware Marking



**DOOR HANDLE
INDICATOR**

DHM1010
4" x 4"
(100mm x 100mm)



**PANIC BAR
INDICATOR**

DHM03YY
1" x Custom Cut

Obstruction Marking Products



**OBSTRUCTION
STRIP**

OB20025
1" x 39"



**OBSTRUCTION
STRIP**

G250R-OB
1" x 39"



**OBSTRUCTION
STRIP - CURVED**

G250R-OB-C (Curved)
1" x 39"

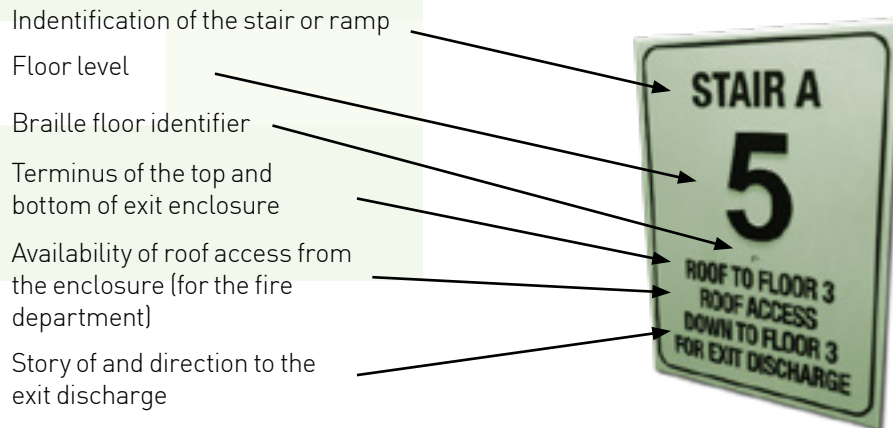


**OBSTRUCTION
TAPE**

G300F-OB
1" x 30 Foot Roll

Photoluminescent Floor Identification Signs (FID)

The Photoluminescent Floor Identification Signs (FID) are an important part of egress safety due to the critical information that they provide. Floor identification signs installed in exit stairwells of high rise buildings are required by code to be made of photoluminescent material.



The Ecoglo FID meets the following Building, Fire & Life Safety Codes:

- IBC AND IFC 2009 - Section 1022.8 Floor Identification Signs
- IBC AND IFC 2012 - Section 1022.9 Floor Identification Signs
- IBC AND IFC 2015 & 2018 - Section 1023.9 Stairway Identification Signs
- NFPA 101 - Section 7.2.25.4 Stairway Identification
- NYC LL 141 of 2013 (Section BC 1022.8 Stairway Identification and Floor Level Signs)

The Ecoglo FID Features:

- Size: 12" x 18"
- Tactile Raised Letters (ICC A 1171.1 Complaint)
- UL 1994 Listed
- Custom Made for Each Location



Photoluminescent Signs

Egress Signs



EXIT SIGN

EX2010
7.9" x 3.9"
(200mm x 100mm)



**EMERGENCY
EXIT SIGN**

EE2010
7.9" x 3.9"
(200mm x 100mm)



ARROW

AR1010H or AR1010D
3.9" x 3.9"
(100mm x 100mm)



RUNNING MAN

RM1010
3.9" x 3.9"
(100mm x 100mm)



FIRE ALARM

FA1010
3.9" x 3.9"
(100mm x 100mm)



**FIRE
EXTINGUISHER**

FE1010
3.9" x 3.9"
(100mm x 100mm)



FIRE HOSE

FH1010
3.9" x 3.9"
(100mm x 100mm)

Aisle Markers



**LARGE
RECTANGLE**

RE65/45
2.6" x 1.8"
(65mm x 45mm)



**SMALL
RECTANGLE**

RE45/32.5
1.8" x 1.3"
(45mm x 32.5mm)



SQUARE

SQ88/88
3.6" x 3.6"
(88mm x 88mm)



**LONG
RECTANGLE**

RE38/161
1.6" x 6"
(38mm x 161mm)



**60MM ROUND
AISLE MARKER**

DS60
2.4"
(60mm Round)



**68MM ROUND
AISLE MARKER**

DS68
2.7"
(68mm Round)

Seat Numbers



**SQUARE WITH
ROUNDED
CORNERS**

SQ31.9r
1.3" x 1.3"
(31.9mm x 31.9mm)



**40MM ROUND
SEAT NUMBER**

DS40
1.6"
(40mm Round)



ELIPSE

EL 18.7/56.7
0.7" x 2.2"
(18.7mm x 56.7mm)



**OBROUND
LARGE**

OR16/44.6
0.6" x 1.8"
(15.2mm x 44.6mm)

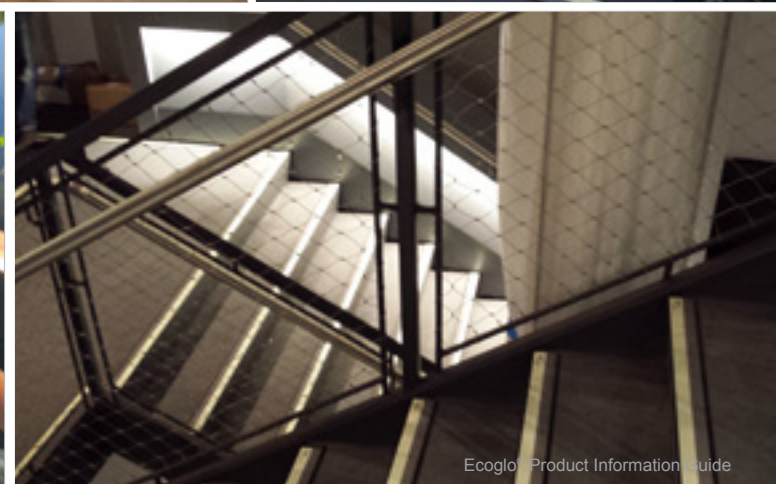
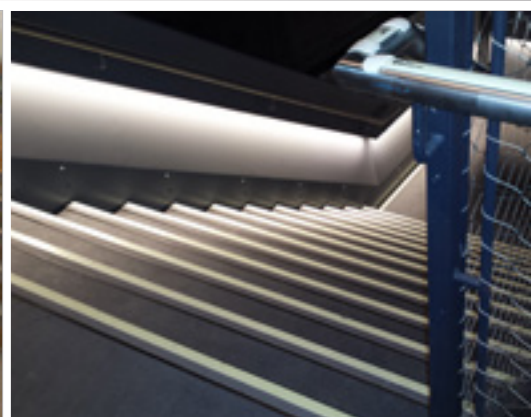
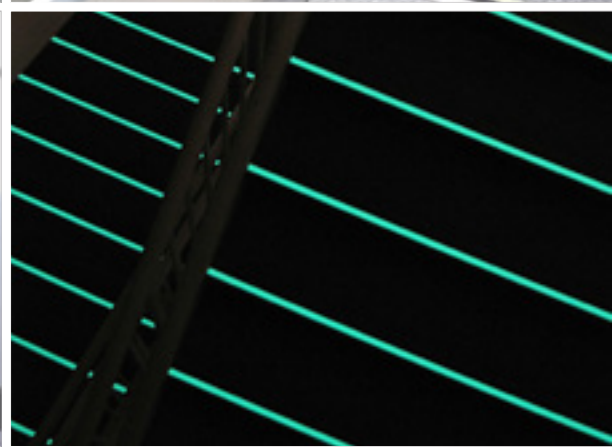
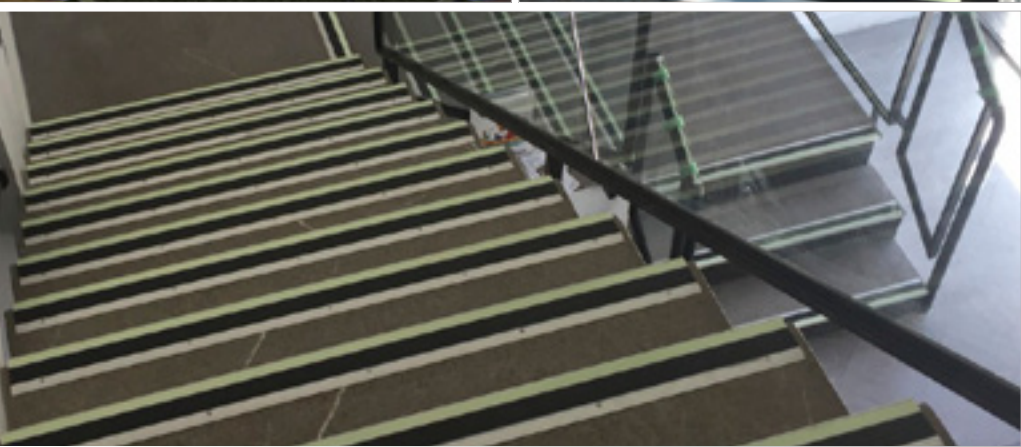


**OBROUND
SMALL**

OR14.7/27.2
0.6" x 1.1"
(15.2mm x 27.2mm)



 **ecoglo®**



Standard Series Photoluminescent Exit Sign

UL 924 Exit Sign System

- LEED points qualified for energy conservation and sustainability
- Visible for 50 feet and 75 feet
- No electricity or batteries required
- Indoor installation
- Life-time warranty
- Requires exposure to at least 54 lux (5 foot-candles) of fluorescent, metal halide, mercury vapor, or other 4000K light illumination for a minimum of 60 minutes to become fully operational
- Directional arrow labels provided with each sign for on-site application
- Product uses recycled aluminum and is recyclable
- Non-toxic and non-radioactive
- ULC certified/listing no. E344049/4RG2

Sloping Ceiling Adaptor

- The hinged mounting adaptor accommodates slopes from 0 to approximately 49 degrees and is installed similar to the standard ceiling configuration.

Retrofit Canopy Adaptor

- Ecoglo's accessory cover plate gives you all the benefits of low cost installation and maintenance without the frustrations that other systems have. No special tools are required.
- Simply attach a universal mounting bracket to an existing octagon box, fasten the Ecoglo canopy to the mounting bracket as shown in the diagram. Slide the sign into the canopy instead of screwing it directly into a ceiling or wall.
- When replacing or removing an electrically-powered exit, the power must be terminated at the source, not in the wall cavity before installing the Ecoglo Exit Sign. Check with the local electrical code requirements first before installation.



Ceiling Mounted



Surface Mounted



Side Mounted



Slope Mounted



Part Numbers, Dimensions, and Descriptions

EX353183-50G

13.9" x 7.2" [353mmx183mm]
Single Photoluminescent Exit Sign - Green Letters

EX353183-50R

13.9" x 7.2" [353mmx183mm]
Single Photoluminescent Exit Sign - Red Letters

EX371201-50G-CA

14.6" x 7.9" [371mmx201mm]
Single Sided Exit Sign
EX353183-50G with Clear Anodized Aluminum Frame and Universal Mounting Hardware - Green Letters

EX371201-50R-CA

14.6" x 7.9" [371mmx201mm]
Single Sided Exit Sign
EX353183-50R with Clear Anodized Aluminum Frame and Universal Mounting Hardware - Red Letters

2X-EX371201-50G-CA

14.6" x 7.9" [371mmx201mm]
Double Sided Exit Sign
EX353183-50G with Clear Anodized Aluminum Frame and Universal Mounting Hardware - Green Letters

2X-EX371201-50R-CA

14.6" x 7.9" [371mmx201mm]
Double Sided Exit Sign
EX353183-50R with Clear Anodized Aluminum Frame and Universal Mounting Hardware - Red Letters

EX405229-75G

18.9" x 9.8" [481mmx249mm]
Single Photoluminescent Exit Sign - Green Letters

EX405229-75R

18.9" x 9.8" [481mmx249mm]
Single Photoluminescent Exit Sign - Red Letters

EX424246-75G-CA

19.6" x 10.5" [499mmx267mm]
Single Sided Exit Sign
EX405229-75G with Clear Anodized Aluminum Frame and Universal Mounting Hardware - Green Letters

EX424246-75R-CA

19.6" x 10.5" [499mmx267mm]
Single Sided Exit Sign
EX405229-75R with Clear Anodized Aluminum Frame and Universal Mounting Hardware - Red Letters

2X-EX424246-75G-CA

19.6" x 10.5" [499mmx267mm]
Double Sided Exit Sign
EX405229-75G with Clear Anodized Aluminum Frame and Universal Mounting Hardware - Green Letters

2X-EX424246-75R-CA

19.6" x 10.5" [499mmx267mm]
Double Sided Exit Sign
EX405229-75R with Clear Anodized Aluminum Frame and Universal Mounting Hardware - Red Letters



Architectural Series Photoluminescent Exit Sign

UL 924 Architectural Exit Sign System

- Advanced manufacturing processes and an elegant finish
- NFPA 101 Life Safety Code & NFPA 5000 compliant
- IBC-International Building Code compliant
- LEED points qualified for energy conservation and sustainability
- 75 Foot visibility rating with 90 minute operating time
- No electricity or batteries required
- Indoor installation
- Twenty-five year warranty
- Requires exposure to at least 54 lux (5 foot-candles) of fluorescent, metal halide light on sign face during building occupancy
- Directional arrow labels provided with each sign for on-site application
- Product uses recycled aluminum and is recyclable
- Non-toxic and non-radioactive
- ULC certified/listing no. E344049/4RG2

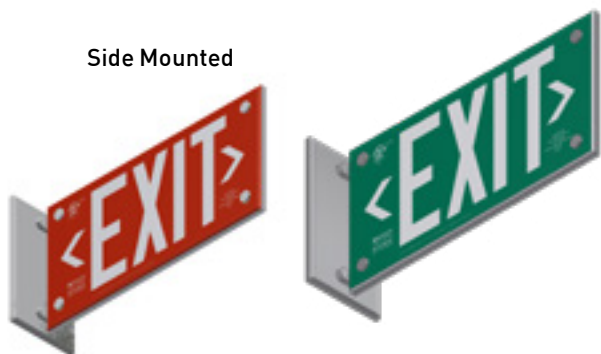
Surface Mounted



Ceiling Mounted



Side Mounted



Model Selection

EXAL - (Rating) (Color) (Number of Sides) (Mounting Kit)

Rating: Visibility (Feet) Size
75 Feet: 15.1" x 7.6"

Color
R - Red
G - Green

Number of Sides
1 - Single Sided
2 - Double Sided

Mounting Kit
C - Ceiling
F - Side
W - Surface
CF - Ceiling and Side
CW - Ceiling and Surface

*Leave section of the product code blank if signage does not require mounting kit

Example 1: EXAL-75G1C

Green UL 924 Architectural Exit Sign. Single Sided 75ft Visibility. Includes Ceiling Mount.

Example 2: EXAL-75R2CF

Red UL 924 Architectural Exit Sign. Double Sided. 75ft Visibility. Includes Ceiling and Side Mount.

Hybrid Exit Sign

The EXH Series Hybrid Exit Sign is the no compromise solution for exit signage incorporating the safest backup technology and sophisticated design. Advanced manufacturing processes and elegant finish add a unique refined appearance to both the sign and the space in which it is installed.

- LED/Photoluminescent Exit Sign System
- No Batteries or Backup Power Required for Power Outages
- High Efficiency Low Power Consumption LED Luminance
- Certified for 90 Minute Operating Time at 75 Foot Visibility
- Universal Mount - Convenient Turn & Lock™ Mounting System for Quick and Versatile Installation
- Non-Toxic, Non-Radioactive Photoluminescent Technology
- Interchangeable Graphics
- Indoor Installation Only
- UL 924 Tested and listed

Part Numbers and Descriptions

EXH-G175	Single Sided Green Hybrid EXIT, 75ft Rated
EXH-G275	Double Sided Green Hybrid EXIT, 75ft Rated
EXH-R175	Single Sided Red Hybrid EXIT, 75ft Rated
EXH-R275	Double Sided Red Hybrid EXIT, 75ft Rated

Interchangeable Graphics

Signs come with a complete set of interchangeable graphics for the various arrow orientations.

Universal Mounting

Each Ecoglo Hybrid Exit Sign includes mounting hardware for Ceiling Mount, Surface Mount and Side Mount.

Warranty

We offer the best and most comprehensive warranty in the industry, 10 years on enclosure, 5 years on LED and driver plus 25 years on photoluminescent.



Surface Mounted



Side Mounted



Ceiling Mounted



Internal Specification

AC LED: standard 120/240 VAC input
SELF-ILLUMINATED: Glow in the dark sealed plates to provide a minimum 120 minutes of emergency illumination. Performance Certified.

Electrical Specification

The Ecoglo® EXH series is configured with high-output LEDs, requiring 120/240 VAC input. All versions consume only 4.5W when powered. When power is not available, signs remain illuminated, requiring no power for 90 minutes.

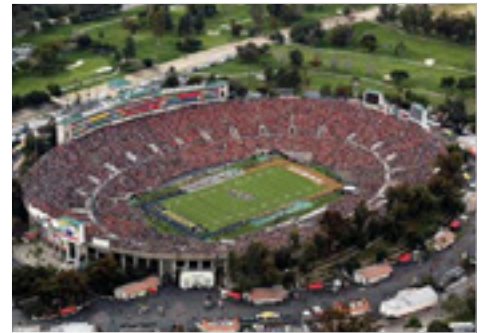
Installed Projects



Birmingham Jefferson Civic Center
Birmingham, Alabama



University Of Alabama at Birmingham
Birmingham, Alabama



The Rose Bowl
Pasadena, California



Exempla St. Joseph Replacement Hospital
Denver, Colorado



Broward Center For The Performing Arts
Fort Lauderdale, Florida



Gwinnett Arena
Duluth, Georgia



Taco Bell Arena
Boise, Idaho



Fan Pier
Boston, Massachusetts



800 Park Avenue
Fort Lee, New Jersey



Madison Square Garden
New York City, New York



New York City Transit
New York City, New York



Time Warner Center
New York City, New York

Installed Projects



UPMC Presbyterian Hospital
Pittsburgh, Pennsylvania



Bon Secours Wellness Arena
Greenville, South Carolina



Bridgestone Arena
Nashville, Tennessee



The Alamo Dome
San Antonio, Texas



Verizon Center
Grand Prairie, Texas



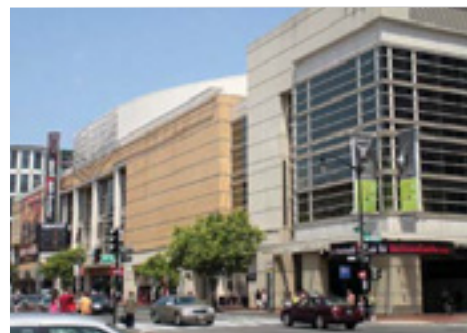
1200 17th Street Northwest
Washington, DC



Kennedy Center For The Performing Arts
Washington, DC



The Pentagon
Washington, DC



Verizon Center
Washington, DC



Eaton Centre
Toronto, Ontario



Melbourne Cricket Ground
Melbourne, Australia



Burj Khalifa
United Arab Emirates



The Power of Intelligent Design and
Precision Engineering™

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