PHOTOLUMINESCENT
EGRESS MARKINGS

STAIR NOSINGS

STAIRWAY EGRESS MARKINGS

DIRECTIONAL SIGNAGE

www.balcousa.com
# TABLE OF CONTENTS

3 | IllumiTread™
   | Introduction
4-5 | Stair Nosing
   | Products
6-7 | Stairway Systems
8 | Signage
9 | Doors and Corridors
10 | Signage Dimensions
11 | Colors & Finishes

*Cover Photo Time Warner, NY*
The revolutionary new IllumiTread™ products provide highly visible, non-electric routing systems for emergency path finding in the event of total power loss within a building or structure. Balco IllumiTread™ products are powered by high performance photoluminescent guidance strips.

Public assembly venues including concert halls, arenas, stadiums, auditoriums, as well as multi-story buildings and parking garages are among the primary applications for IllumiTread™.

1/2” recommended for open air venues, i.e. stadiums, auditoriums.

1” recommended for emergency stairway egress systems.

IllumiTread™ Product Applications
- Stair Nosing
- Handrail Markings
- Demarcation
- Obstruction Markers
- Directional Signage
- Stairway Identification Signage
- Final Exit Door Markings

IllumiTread™ Product Benefits
- Non Electric
- Non Toxic
- Non Radioactive
- Environmentally Friendly
- UV Stable and Weather Resistant
- Low Maintenance
- Visible Through Darkness and Smoke
- ADA Compliant
- Powered by Glowzone™ Technology

Contact Us
For more information on how you can purchase Balco’s IllumiTread™ products, contact Balco at:

1-800-767-0082
www.balcousa.com
info@balcousa.com
ILLUMITREAD™ RETROFIT STAIR NOSING

2140
ILLUMITREAD™ RETROFIT STAIR NOSING

DXH-330-PL
ILLUMITREAD™ TWO COMPONENT STAIR NOSING

R-315P-PL
ILLUMITREAD™ STAIR NOSING

XH-330-PL
ILLUMITREAD™ TWO COMPONENT STAIR NOSING

RS-405L-PL
ILLUMITREAD™ RETROFIT STAIR NOSING

RS-609L-PL
ILLUMITREAD™ RETROFIT STAIR NOSING

SEATTLE SEAHAWKS CENTURY LINK FIELD STADIUM, SEATTLE, WA
1" PHOTOLUMINESCENT NOSINGS

**P-3310-PL-100**  
ILLUMITREAD™ STAIR NOSING

**RS-405LP-PL-100**  
ILLUMITREAD™ STAIR NOSING

**RS-405L-PL-100**  
ILLUMITREAD™ RETROFIT STAIR NOSING

**4120L-PL-100**  
ILLUMITREAD™ STAIR NOSING

**R-315P-PL-100**  
ILLUMITREAD™ STAIR NOSING

**4120**  
ILLUMITREAD™ RETROFIT STAIR NOSING

**DXH-330-PL-100**  
ILLUMITREAD™ TWO COMPONENT STAIR NOSING

**4199**  
ILLUMITREAD™ RETROFIT STAIR NOSING

SEE COLOR SELECTION OPTIONS ON PAGE 10
NOTE: All photoluminescent products require external light source for charging 60 minutes prior to illumination per IBC 1024.

OBSURCTION MARKINGS

- Alternating Black and Photoluminescent 1" Strips Model 4211OB

STAIRWAY EGRESS MARKINGS

- Handrail Markings Model 4010C
- Demarcation Strip Model 4211C
- FLOOR MOUNTED PERIMETER DEMARCATION LINE
- STAIR NOSING LEADING EDGE OF LANDING
- 0" MIN. 1/2" MAX.
- 0" MIN. 4" MAX.

FINAL EXIT DOOR MARKINGS

- Floor ID sign Model 1560
- Running Man Sign Model 1503
- Push to Open Sign Model 1531
- AROUND PERIMETER OF FINAL EXIT DOOR AND FLOOR MOUNTED DEMARCATION LINE 1" WIDE SOLID CONTINUOUS PHOTOLUMINESCENT STRIP MODEL 4211C
- 5' 0" MIN. 18" MAX.
ILLUMITREAD™ STAIRWAY IDENTIFICATION SIGN

Dimensions 18”(457mm) Height X 12”(305mm) Width

All Stairway Identification Signs will be:
- Minimum size 18” tall by 12” wide
- Characters & Background Non-glare Finish
- Characters will Contrast with Background

Placement of the Sign must be:
- 5 Feet above the Floor Level
- Adjacent to Door leading from Enclosure
- Visible when Door is Open or Closed

Legend:
1) Identification of stair
2) Is there roof access
3) The Floor Number
4) Braille Floor Identifier
5) The terminus of the top and bottom of the exit enclosure
6) The story of and direction to the exit discharge

FEATURES AND BENEFITS OF ILLUMITREAD™ EGRESS PRODUCTS

- Egress Strips meet 2012 IBC Section 1024 codes
- Stairway ID signs meet 2012 IBC Section 1022 codes
- IllumiTread™ products tested to ASTM 1024 and DL1554 standards
- Meets standards for NFPA, NIST, MEA, GSA and many other local requirements
- Project lists available for references
Directional Signage (2.2.6, 2.2.7):

Option 2

Door-Mounted Options (2.1.1.1):

Wall-Mounted Options (2.1.1.2):

Meets IBC, MEA, ISO, ANSI Standards for Safety Signage

See Signage Dimensions on Page 10
NOT AN EXIT

Recommended to mark doors that could be confused with Exit Door Enclosures.

FILM ADHESIVE

PLFA - 100
Recommended for marking handrails, final doors and wall demarcation, not for floor demarcation or stair edges

PLFA - 100 - OB
Recommended for obstruction markings such as stand pipes, hose cabinets or valve handles

INTERMEDIATE AND FINAL EXIT

PLFA - 100

1501

Recommended to mark doors that could be confused with Exit Door Enclosures.

DOOR HANDLE MARKINGS

IBC requires minimum 16 square inches for door handle markings

1530

*Contact factory to add handicap symbol to any exit sign

1531

PUSH TO OPEN
<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>1500</td>
<td>Exit, RMan Right, Diagonal Down Arrow</td>
<td>8&quot; x 18&quot;</td>
</tr>
<tr>
<td>1501</td>
<td>Final exit</td>
<td>10&quot; x 14&quot;</td>
</tr>
<tr>
<td>1502</td>
<td>Exit through Lobby (for Directional Pathway)</td>
<td>18&quot; x 8&quot;</td>
</tr>
<tr>
<td>1503</td>
<td>Exit (Final Exit Door Marker)</td>
<td>12.5&quot; x 5.25&quot;</td>
</tr>
<tr>
<td>1504</td>
<td>Not an Exit</td>
<td>8&quot; x 10&quot;</td>
</tr>
<tr>
<td>1505</td>
<td>RMan Right, Right Arrow</td>
<td>5.25&quot; x 9&quot;</td>
</tr>
<tr>
<td>1506</td>
<td>RMan Left, Left Arrow</td>
<td>5.25&quot; x 9&quot;</td>
</tr>
<tr>
<td>1507</td>
<td>RMan Right, Down Arrow</td>
<td>5.25&quot; x 9&quot;</td>
</tr>
<tr>
<td>1508</td>
<td>RMan Left, Down Arrow</td>
<td>5.25&quot; x 9&quot;</td>
</tr>
<tr>
<td>1509</td>
<td>RMan Right, Up Arrow</td>
<td>5.25&quot; x 9&quot;</td>
</tr>
<tr>
<td>1510</td>
<td>RMan Left, Up Arrow</td>
<td>5.25&quot; x 9&quot;</td>
</tr>
<tr>
<td>1511</td>
<td>RMan Right, Diagonal Up Arrow</td>
<td>5.25&quot; x 9&quot;</td>
</tr>
<tr>
<td>1512</td>
<td>RMan Left, Diagonal Up Arrow</td>
<td>5.25&quot; x 9&quot;</td>
</tr>
<tr>
<td>1513</td>
<td>RMan Right, Diagonal Down Arrow</td>
<td>5.25&quot; x 9&quot;</td>
</tr>
<tr>
<td>1514</td>
<td>RMan Left, Diagonal Down Arrow</td>
<td>5.25&quot; x 9&quot;</td>
</tr>
<tr>
<td>1515</td>
<td>Exit, RMan Right, Right Arrow</td>
<td>9.5&quot; x 8.5&quot;</td>
</tr>
<tr>
<td>1516</td>
<td>Exit, RMan Left, Left Arrow</td>
<td>9.5&quot; x 8.5&quot;</td>
</tr>
<tr>
<td>1517</td>
<td>Exit, RMan Right, Down Arrow</td>
<td>9.5&quot; x 8.5&quot;</td>
</tr>
<tr>
<td>1518</td>
<td>Exit, RMan Left, Down Arrow</td>
<td>9.5&quot; x 8.5&quot;</td>
</tr>
<tr>
<td>1519</td>
<td>Exit, RMan Right, Up Arrow</td>
<td>9.5&quot; x 8.5&quot;</td>
</tr>
<tr>
<td>1520</td>
<td>Exit, RMan Left, Up Arrow</td>
<td>9.5&quot; x 8.5&quot;</td>
</tr>
<tr>
<td>1521</td>
<td>Exit, RMan Right, Diagonal Up Arrow</td>
<td>9.5&quot; x 8.5&quot;</td>
</tr>
<tr>
<td>1522</td>
<td>Exit, RMan Left, Diagonal Up Arrow</td>
<td>9.5&quot; x 8.5&quot;</td>
</tr>
<tr>
<td>1523</td>
<td>Exit, RMan Right, Diagonal Down Arrow</td>
<td>9.5&quot; x 8.5&quot;</td>
</tr>
<tr>
<td>1524</td>
<td>Exit, RMan Left, Diagonal Down Arrow</td>
<td>9.5&quot; x 8.5&quot;</td>
</tr>
<tr>
<td>1545</td>
<td>Exit, RMan Right, Right Arrow</td>
<td>5.25&quot; x 16&quot;</td>
</tr>
<tr>
<td>1546</td>
<td>Exit, RMan Left, Left Arrow</td>
<td>5.25&quot; x 16&quot;</td>
</tr>
<tr>
<td>1547</td>
<td>Exit, RMan Right, Down Arrow</td>
<td>5.25&quot; x 16&quot;</td>
</tr>
<tr>
<td>1548</td>
<td>Exit, RMan Left, Down Arrow</td>
<td>5.25&quot; x 16&quot;</td>
</tr>
<tr>
<td>1549</td>
<td>Exit, RMan Right, Up Arrow</td>
<td>5.25&quot; x 16&quot;</td>
</tr>
<tr>
<td>1550</td>
<td>Exit, RMan Left, Up Arrow</td>
<td>5.25&quot; x 16&quot;</td>
</tr>
<tr>
<td>1551</td>
<td>Exit, RMan Right, Diagonal Up Arrow</td>
<td>5.25&quot; x 16&quot;</td>
</tr>
<tr>
<td>1552</td>
<td>Exit, RMan Left, Diagonal Up Arrow</td>
<td>5.25&quot; x 16&quot;</td>
</tr>
<tr>
<td>1553</td>
<td>Exit, RMan Right, Diagonal Down Arrow</td>
<td>5.25&quot; x 16&quot;</td>
</tr>
<tr>
<td>1554</td>
<td>Exit, RMan Left, Diagonal Down Arrow</td>
<td>5.25&quot; x 16&quot;</td>
</tr>
<tr>
<td>1529</td>
<td>Door Handle Marking RMan Left</td>
<td>5&quot; x 11&quot;</td>
</tr>
<tr>
<td>1530</td>
<td>Door handle Marking RMan Right</td>
<td>5&quot; x 11&quot;</td>
</tr>
<tr>
<td>1531</td>
<td>Panic Bar Marking</td>
<td>2&quot; x 22&quot;</td>
</tr>
<tr>
<td>1532</td>
<td>Door Handle Placard</td>
<td>4&quot; x 4&quot;</td>
</tr>
<tr>
<td>1560</td>
<td>Stairway Identification Sign</td>
<td>18&quot; x 12&quot;</td>
</tr>
</tbody>
</table>
STANDARD ABRASIVE COLOR SELECTIONS

- black
- yellow
- silver gray

DESIGNER ABRASIVE COLOR SELECTIONS

- twilight blue
- black rain
- redstone
- pineland green
- rare earth
- gravel gray
- canyon tan
- brown bark

OPTIONAL ANODIZED ALUMINUM COLORS

ADDITIONAL CHARGE - MILL FINISHED STANDARD

- clear
- black
- dark bronze
- medium bronze
- light bronze
- gold
- champagne

The representation of colors available may vary due to printing process. When specifying colors, please request actual sample from the factory.
Quality products engineered and crafted to meet tomorrow’s needs today... Over 50 years in the business is proof that we stand behind those words. Balco has set an industry benchmark with our combination of highly skilled engineers, comprehensive manufacturing processes, and prompt customer service. We customize our products to fit your projects’ needs. At Balco, we’re dedicated to bringing you the highest quality products at competitive prices. Let us be an integral part of your next project.