Monogram™ Seat Row Indicator

Seat-mounted row indicator uses LEDs to provide edge-lit, non-intrusive illumination of letters or numbers for seat lighting applications.

Features
- The large lens (1½” x 1 1/8”) allows up to two rows of alphanumeric text and graphics.
- Laser-etched lens with black background creates a highly visible illumination of characters (assorted font styles available).
- Use with Two-Tone Bullnose nose and wireway with reflective edge.
- Damp listed outdoor version available. (See our Monogram™ Row Indicator fixture for floor mounted applications.)

Mounting
Angled mounting bracket can be mounted to seat side panels at rows. This mounting allows visibility while ascending and descending staircases. Flush mounting option are for stair risers and seating without side panels.

Applications
Tamper-resistant and easy to install and replace, the Monogram™ LED Row Indicator can be mounted almost anywhere row indication or information is needed.

Warranty
5 years

Technical Information

| Watts/Module | 0.72 |
| Lumens/Module | 44.52 |
| CRI | >80/TYP83 |
| Kelvin Temp | 1900K, 2700K, 3000K, 3500K, 4000K (+/- 80K) 3SDCM, Red, Blue, Amber |
| Rated Life | 75,000 hrs. |
| Operating Voltage | 12V DC |
| Power Supply | Class 2 |
| Dimmable | Yes |

Profile Dimensions

Angled Mount

Available with blue handicap indicator

Factory installed 1/4”, 48” Flex Conduit

1/2” x 1 1/8” Window

1 3/16”

1 1/4”

3 9/16”

(490x729 to 576x762)
### Recommended Power Supplies

#### ADUL - NON DIMMING

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>CAT NO</th>
<th>APPLICATION</th>
<th>PRIMARY VOLTAGE</th>
<th>SECONDARY VOLTAGE</th>
<th>CIRCUIT BREAKERS</th>
<th>MAX LOAD</th>
<th>CIRCUIT CAPACITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADUL Series 12V Transformer</td>
<td>ADUL-80-1-5-12-D</td>
<td>Indoor / Damp</td>
<td>100-277V AC 50Hz</td>
<td>12V DC</td>
<td>1</td>
<td>60W</td>
<td>5A</td>
</tr>
<tr>
<td>ADUL-150-2-5-12-D</td>
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<tr>
<td>ADUL-240-3-5-12-D</td>
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#### ADUL - 0-10V DIMMING

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<td>Indoor / Damp</td>
<td>100-277V AC 50Hz</td>
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<td>60W</td>
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#### ADUL - DMX SINGLE ADDRESS

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<th>APPLICATION</th>
<th>PRIMARY VOLTAGE</th>
<th>SECONDARY VOLTAGE</th>
<th>CIRCUIT BREAKERS</th>
<th>MAX LOAD</th>
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<td>Indoor / Damp</td>
<td>100-277V AC 50Hz</td>
<td>12V DC</td>
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<td>60W</td>
<td>5A</td>
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#### ADUL - DMX MULTI ADDRESS

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<th>CIRCUIT BREAKERS</th>
<th>MAX LOAD</th>
<th>CIRCUIT CAPACITY</th>
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<tr>
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<td>ADUL-150-2-5-12-D</td>
<td>Indoor / Damp</td>
<td>100-277V AC 50Hz</td>
<td>12V DC</td>
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<td>60W</td>
<td>5A</td>
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#### INFINITY - MLV / ELV / 0-10V / PWM / TRIAC

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<th>APPLICATION</th>
<th>PRIMARY VOLTAGE</th>
<th>SECONDARY VOLTAGE</th>
<th>CIRCUIT BREAKERS</th>
<th>MAX LOAD</th>
<th>MIN LOAD</th>
<th>CIRCUIT CAPACITY</th>
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<tr>
<td>Infinity Series 12V Transformer</td>
<td>INF-3-30-1-2.5-12</td>
<td>Indoor / Outdoor</td>
<td>100-277V AC 12VDC</td>
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<td>30W</td>
<td>3W</td>
<td>2.5A</td>
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<td>INF-3-60-1-5-12</td>
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<td>INF-3-180-3-5-12</td>
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<td>INF-3-300-5-5-12</td>
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### Recommended Dimmers

#### DIMMING - 0-10V

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<th>CAT NO</th>
<th>APPLICATION</th>
<th>INPUT VOLTAGE</th>
<th>OUTPUT VOLTAGE</th>
<th>MAX LOAD</th>
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<tbody>
<tr>
<td>0-10V Dimmer</td>
<td>DIM-LD-010</td>
<td>Indoor</td>
<td>24V DC</td>
<td>24V DC</td>
<td>30 mA max. output (sink only)</td>
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#### DIMMING - MLV

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<thead>
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<th>DESCRIPTION</th>
<th>CAT NO</th>
<th>APPLICATION</th>
<th>INPUT VOLTAGE</th>
<th>OUTPUT VOLTAGE</th>
<th>MAX LOAD</th>
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<tbody>
<tr>
<td>MLV Dimmer</td>
<td>N-600</td>
<td>Indoor</td>
<td>120V AC</td>
<td>120V AC</td>
<td>450W</td>
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<tr>
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<td>N-1000</td>
<td>Indoor</td>
<td>120V AC</td>
<td>120V AC</td>
<td>800W</td>
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<tr>
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<td>N-1500</td>
<td>Indoor</td>
<td>120V AC</td>
<td>120V AC</td>
<td>1200W</td>
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<td>D-600</td>
<td>Indoor</td>
<td>120V AC</td>
<td>120V AC</td>
<td>450W</td>
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<tr>
<td></td>
<td>M-600</td>
<td>Indoor</td>
<td>120V AC</td>
<td>120V AC</td>
<td>450W</td>
</tr>
<tr>
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<td>M-1000</td>
<td>Indoor</td>
<td>120V AC</td>
<td>120V AC</td>
<td>800W</td>
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#### DIMMING - ELV

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>CAT NO</th>
<th>APPLICATION</th>
<th>INPUT VOLTAGE</th>
<th>OUTPUT VOLTAGE</th>
<th>MAX LOAD</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELV Dimmer</td>
<td>ME-600</td>
<td>Indoor</td>
<td>120V AC</td>
<td>120V AC</td>
<td>450W</td>
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<tr>
<td></td>
<td>DE-300</td>
<td>Indoor</td>
<td>120V AC</td>
<td>120V AC</td>
<td>300W</td>
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#### DIMMING - DMX

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>CAT NO</th>
<th>APPLICATION</th>
<th>INPUT VOLTAGE</th>
<th>OUTPUT PROTOCOL</th>
<th>MAX UNIVERSE</th>
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</thead>
<tbody>
<tr>
<td>DMX Controller</td>
<td>TVOQ-1-WH</td>
<td>Indoor</td>
<td>5V DC</td>
<td>DMX 512</td>
<td>1</td>
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<tr>
<td></td>
<td>TVOQ-2-BK</td>
<td>Indoor</td>
<td>6V DC</td>
<td>-</td>
<td>2</td>
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<tr>
<td></td>
<td>TVOQ-2-WH</td>
<td>Indoor</td>
<td>6-7V DC</td>
<td>-</td>
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<tr>
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<td>TVOQ-10-BK-7</td>
<td>Indoor</td>
<td>-</td>
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<tr>
<td></td>
<td>TVOQ-10-WH-7</td>
<td>Indoor</td>
<td>-</td>
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TivoL LLC. reserves the right to modify this specification without prior notice.
## Ordering Information

<table>
<thead>
<tr>
<th>PRODUCT CODE</th>
<th>LED COLOR</th>
<th>STYLE</th>
<th>MOUNT</th>
<th>REQUIRED POWER SUPPLY</th>
</tr>
</thead>
<tbody>
<tr>
<td>MSRI</td>
<td>-</td>
<td>01 = 1 Row - 4 (Large Characters)</td>
<td>AM = Angled Mount</td>
<td>PSU</td>
</tr>
<tr>
<td>MSRI</td>
<td>-</td>
<td>02 = 1 Row - 7 (Small Characters)</td>
<td></td>
<td>See Page 1</td>
</tr>
<tr>
<td>MSRI</td>
<td>19 = 1900K</td>
<td>03 = 2 Row - Large Top Row Small Lower Row</td>
<td></td>
<td></td>
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<tr>
<td>MSRI</td>
<td>27 = 2700K</td>
<td>*04 = 1 Row - Graphics and 3 Large Characters</td>
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<td></td>
</tr>
<tr>
<td>MSRI</td>
<td>30 = 3000K</td>
<td>HC = Handicap Symbol</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSRI</td>
<td>35 = 3500K</td>
<td>CS = Custom (consult factory)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSRI</td>
<td>40 = 4000K</td>
<td>AM = Amber</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>RD = Red</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>BL = Blue</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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### Mounting Accessories

- **JBBOX-1P**
  - Junction box, low profile

- **BS-CC-8**
  - Wall wireway
  - 8’ Black Base & Conduit Cover

- **BSL-PC-1/4**
  - ¼” Flex Conduit, Black

- **BS-CLAMP**
  - Flex Conduit clamp. Fits ¼” Flex Conduit.
Character Text Ordering Information

Use the window diagrams below to specify character requirements. Standard font used is Helvetica Condensed. Custom font styles are available, please note font at time of order.

**01 STYLE - 1 ROW**
Up To 4 Large characters - 1 Row

Examples below

```
1234
STEP
A-12
VIP
```

**02 STYLE - 1 ROW**
Up To 7 Small characters - 1 Row

Examples below

```
1234567
ROW 86
ABC123
ENTER
```

**03 STYLE - 2 ROW**
Top Row: Up To 4 Medium characters or 7 Small Characters
Bottom Row: Up To 7 Small characters

Examples below

```
1234
1234567
A
A1-19
VIP
SEATING
SCREEN
12
```

**04 STYLE - 1 ROW**
*Image and Up To 3 Medium characters

Examples below

```
123
tivoli 123
tivoli
```

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TwoTone Bullnose & Accessories

**Bullnose Extrusion**
- BNS-TT-GY-12
- TwoTone Bullnose, 12’ length, Black/Gray Strip
- BNS-TT2-GY-Y-12
- TwoTone Bullnose, 12’ length, Black/2” Gray Strip
- BNS-SC-GY-12
- Bullnose, Solid Gray, 12’ Length

**Bullnose End Caps**
- BNS-TT-EC-L
  - End Cap, Left Side Overlap Design, Black
- BNS-TT-EC-R
  - End Cap, Right Side Overlap Design, Black

**CC Bullnose End Caps (Carpet-To-Carpet)**
- BNS-CC-TT-EC-L
  - End Cap, Carpet-To-Carpet, Left Side, Black
- BNS-CC-TT-EC-R
  - End Cap, Carpet-To-Carpet, Right, Black

**CE Wire Way Combo - Base & Lens**
- WW-CE-BK-8
  - Carpet to Carpet Base and Cover 8’ - Black
- WW-CE-GY-8
  - Carpet to Carpet Base and Cover 8’ - Gray
- WW-CW-BK-8
  - Carpet to Wall Base and Cover 8’ - Black
- WW-CW-GY-8
  - Carpet to Wall Base and Cover 8’ - Gray

**CE Wire Way Base ONLY**
- WW-CE-BS-8
  - Base Only, Carpet To Edge, Black, 8’
- WW-CE-BS-8
  - Base Only, Carpet To Edge, 8’

**CC & CW Wire Way Combo - Base & Lens**
- WW-CC-BK-8
  - Base Only, Carpet to Wall, Black, 8’
- WW-CC-BZ-8
  - Base Only, Carpet to Wall, Black, 8’
- WW-CC-GY-8
  - Base Only, Carpet to Wall, Gray, 8’

**CC & CW Wire Way Lens ONLY**
- WW-TC-CL-8
  - Lens Cover Only, Clear, 8’
- WW-TC-BK-8
  - Lens Cover Only, Black, 8’
- WW-TC-BZ-8
  - Lens Cover Only, Bronze, 8’
- WW-TC-GY-8
  - Lens Cover Only, Gray, 8’

**Bullnose Step Landing Tread Extender**
- STP-EXTNDR-12
  - Bullnose Step Landing Tread Extender, 12’

**Step Reducer**
- BNS-TT-R-12
  - Step Reducer, 12’ Section

**ADH-MB-75AM-10**
- Extrusion adhesive, 10.1 oz tubes, sold individually. 30 per case.
- ADH-MB-75AM-29
  - Extrusion adhesive, 29 oz tubes, sold individually. 12 per case.

**CE Wire Way Lens ONLY**
- WW-CC-L-8
  - Lens Cover Only, Clear, 8’
- WW-CC-BK-8
  - Lens Cover Only, Black, 8’
- WW-TC-CL-8
  - Lens Cover Only, Bronze, 8’
- WW-TC-GY-8
  - Lens Cover Only, Gray, 8’

**BS-CC-8**
- Wall wireway, 8’ Black Base & Conduit Cover

**TM-3/16**
- Concrete Screw 1/8” x 1 1/4”

**RONDB-5/32**
- Concrete Drill Bit 1/16”

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