A Logical Choice
The Temple Edge-Lit R409A is the new standard for internally-illuminated LED street name and regulatory signs. The ultra-efficient LEDs offer years of maintenance-free performance inside a rugged, slim-profile enclosure that’s redefining expectations for illuminated signs.

Improve Traffic Safety
The 2003 MUTCD recommends illuminating all overhead signage, since overhead metal signs receive just 10% of headlamp illumination when compared to roadside signs, making overhead retro-reflective signs less effective in this application.

The Temple Edge-Lit R409A internally-illuminated LED Signs provide advanced visibility and legibility of street name signs for safe maneuvering, particularly for non-resident drivers and tourists traveling through urban areas.

Cost Savings
Temple’s Edge-Lit LED Signs provide exceptionally low cost over the product’s entire life-cycle.

Compared to traditional fluorescent signs, the Temple Edge-Lit LED Signs do not require bulb or ballast replacement, they alleviate the very expensive lane closures necessary to maintain fluorescent signs, reduce power consumption by 90%, and are incredibly easy to install.

Typical Applications
- Large signalized intersections
- Business Districts
- Tourist Corridors
- Streetscape Projects
- Stadium arterials & Corridors
- University Campuses

Display your team pride with customized graphics!
# Edge-Lit Internally-Illuminated LED Signs

**Cutting edge technology for Edge-Lit LED illumination**

**90% ENERGY SAVINGS**
over traditional fluorescent signs, and no bulbs or ballasts to replace!

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## R409A

<table>
<thead>
<tr>
<th>COMMON SPECIFICATIONS</th>
<th>Internally-Illuminated LED Street Name Signs</th>
<th>Internally-Illuminated LED REGULATORY Signs</th>
</tr>
</thead>
<tbody>
<tr>
<td>MECHANICAL</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dimensions: Length</td>
<td>24&quot; to 120&quot; at 6&quot; increments</td>
<td>Dimensions: Length MUTCD standard sizes from 18&quot; to 36&quot; (width)</td>
</tr>
<tr>
<td>Height</td>
<td>15&quot;, 18&quot;, 20&quot;, 22&quot;, 24&quot;, 30&quot;</td>
<td>Height 15&quot; to 36&quot; Max</td>
</tr>
<tr>
<td>Thickness</td>
<td>1.6&quot;</td>
<td>Thickness 1.6&quot;</td>
</tr>
</tbody>
</table>

### Material
- **Frame**: 6000 Series Aluminum housing
- **Optional Sheeting**: ASTM Type IX Retroreflective Sheeting (sign legend and background), per 2003 MUTCD guidance
- **Contrast Ratio**: Legend / Background contrast ratio 4:1 minimum
- **Fonts**: MUTCD Clearview Font, HWY E Series B, C, D, E Modified, Custom fonts available
- **Environmental**: 150 mph (241 km/h) with 1.14 gust factor and ice loading as per AASHTO LTS-4 2001
- **Electrical Certification**: Listed to UL48
- **Mounting Options**: Accepts Pelco SE-5015 or SE-5146
- **Single-sided Fixed Mount**: Accepts Pelco Astro-Brac AS-3009 or equivalent
- **Sign Sheeting**: Yellow, Orange, Green, Black (Opaque), Red, Blue, Brown, and Clear 3M ScotchCal
- **Weight**: Maximum of 7 lbs. per sq. ft., single-sided. Maximum of 8 lbs. per sq. ft., double-sided

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**Integrity Service Relationships**

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