The Steam-Trac STBI-3000A Illuminator matches long lasting LED lamps to a rugged fabricated enclosure to set an unsurpassed standard of reliability for bi-color water gage illumination. Each port has 4 each red and green LEDs to provide a brilliant display. To comply with ASME Section I, PG60, a ported gage must provide a means for obvious discrimination between steam and water. This requirement mandates a ported gage must have a working illuminator. By using LED lamps, the frequency maintenance associated with incandescent type lamps is virtually eliminated. When coupled with the Steam-Trac STB-3000A bi-color gage, users will experience a dramatic improvement in performance and extended maintenance cycles. The Steam-Trac bi-color gage and illumination system is field proven and has become the preferred product over competitive designs.

**Illuminator Backlighting**
- Brilliant 4-cluster red and green LED lamps
- Low power consumption – reduces energy cost
- LED lifespan > 200 times that of incandescent bulbs – reduces maintenance
- Acrylic conformal coated LED board for environmental corrosion resistance

**Illuminator Power Supply**
- Watertight, weatherproof, and corrosion resistant enclosure
- Standard: for non-hazardous locations, NEMA 4X
- Optional: for hazardous locations, Cl. I, Div. 1, Groups B, C, & D, NEMA 4X and 8
- Easy removal – power leads disconnect is external of enclosure and illuminator housing

**Illuminator and Viewing Hood Housing**
- Rugged, corrosion resistant, heavy-walled aluminum alloy extrusions
- High thermal conductivity for efficient heat outflow away from LEDs
- Vented aluminum alloy side panels and top caps
- Stainless steel prevailing-torque panel fasteners for thermal cycling loosening resistance

**Reliable and Secure Gage Mounting**
- Compact, easy to handle design
- Integral upper and lower guides maintain alignment and rigidity of side panels
- Headed J-hook gage mounting hangers are independent of housing latches and strikes
- Spring-loaded stainless steel latches with stainless steel strikes

<table>
<thead>
<tr>
<th>ELECTRICAL SPECIFICATIONS</th>
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<tbody>
<tr>
<td>Power Supply .................. 84-264 VAC</td>
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<tr>
<td>Power Consumption ............ 0.025 Amps/port</td>
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<tr>
<td>Power Supply Enclosure Classification (Standard) .................. NEMA 4X</td>
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<tr>
<td>(Optional) ..................... Cl. I, Div. 1, Groups B, C, &amp; D</td>
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<tr>
<td>LED Lifespan .................. Greater than 100,000 hours</td>
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