RX11 LED Signal Modules
8 and 12 inch

Features, Benefits and Values
• High efficiency & long life LED light source
• Designed to conform to applicable ITE specifications
• Failure of single LED results in loss of light from only that LED
• UV stabilized shell
• Moisture and dust resistant
• Direct retrofit design
• Incandescent look
• Sun phantom protection
• All products shipped with installed gasket
• EPACT 2005 compliant
**RX11 LED Signal Modules**

- 8 and 12 inch

### Mechanical Outline

Dimensions in inches. (mm) indicates metric equivalent.

- 8.2" x 8.2" x 1.8" (210 x 210 x 45 mm)
- 7.6" x 7.6" x 1.4" (194 x 194 x 35 mm)
- 11.8" x 11.8" x 1.9" (300 x 300 x 47 mm)
- 11.0" x 11.0" x 1.9" (280 x 280 x 47 mm)
- 9.6" x 9.6" x 0.3" (244 x 244 x 8 mm)
- 6.3" x 6.3" x 0.3" (161 x 161 x 8 mm)
- 1.8" x 1.8" x 0.3" (45 x 45 x 8 mm)

### Design Compliance

**Test Type** | **Compliance**
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Luminous Intensity | ITE VTCSH-STD Part 2 - July 1998
Chromaticity | ITE VTCSH-STD Part 2 - July 1998
Moisture Resistance | NEMA STD 250 Type 4 - 1991
Electronic Noise | FCC Title 47 Sub. B Sec 15
Controller Compatibility | NEMA TS-2-1992
Wiring | NFPA 70, National Electric Code

### Operating Specifications

**Parameter** | **Rating**
--- | ---
Operating Temperature Range | -40 to + 74°C (-40 to +165°F)
Operating Voltage Range | 80 to 135 V (60Hz AC)
Power Factor (PF) | > 90 %
Total Harmonic Distortion (THD) | < 20 %
Voltage Turn-off (VTO) | 45 V
Lens & Shell Material | UV Stabilized Polycarbonate
Wiring | 16 AWG, Color Coded with Strain Relief

### Operating Temperature Range:

### Product Information

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Size (in)</th>
<th>AC Voltage</th>
<th>Power (W)</th>
<th>Wavelength (nm)</th>
<th>Maintained Intensity (Cd)</th>
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</thead>
<tbody>
<tr>
<td>DR4-RTFB-20A</td>
<td>8</td>
<td>120V – 60 Hz</td>
<td>5</td>
<td>626</td>
<td>133</td>
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<tr>
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<td>120V – 60 Hz</td>
<td>14</td>
<td>589</td>
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<td>120V – 60 Hz</td>
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<td>508</td>
<td>267</td>
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<td>120V – 60 Hz</td>
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<td>267</td>
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<tr>
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<td>10</td>
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<td>339</td>
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</table>

**Options:**
- **Q**: Quick Connect (for DR6 only)

Standard product equipped with spade connectors.

1. Class A
2. Measured at +2.5°H -2.5°V, T<sub>0</sub> = 25°C
3. Actual intensity less than ITE VTCSH-STD Part 2 - July 1998

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TRAFO15-R120110