The BSS215 is a linear LED luminaire for general lighting applications. The 3-1/8" wide extruded aluminum housing is capped by a 2" tall, frosted, three sided lens that produces a wide distribution of diffuse illumination. 1/4" thick machined aluminum end caps finish off the fixture ends.

**Specifications**

- Fixture constructed of an extruded aluminum, extruded, frosted acrylic lens and machined aluminum end caps
- Model variations offered for surface, wall mount and cable suspended mounting with solid or luminous end options.
- Standard finishes as shown below
- Available in nominal lengths of 2'-8' single fixtures and continuous runs
- Basic continuous run fixtures provided with 18 ga. wiring harness for 6 Amp maximum load (consult factory for runs requiring multiple circuits, sensor integration, etc.)
- Standard integral 120-277V driver offered with 0-10V dimming or non-dim (other dimming driver options available)
- Integral 120-277V emergency battery backup available for 4' nominal non-dim or 0-10V (consult factory for all other lengths/drivers)
- Standard light outputs are 600, 840 or 1135 lumens per foot
- LEDs available in 3000K, 3500K, 4000K, 5000K, within a 3 step MacAdam ellipse, all with 80+ CRI typical
- Life: 50,000 hours L 70
- Passive infrared occupancy sensor available
- Limited five year warranty
- UL and C-UL listed for dry and damp locations

**Options**

- ED: emergency driver (4’ non-dim or 0-10V only)
- S1: occ sensor pos.1 (see options section)
- S2: occ sensor pos.2 (see options section)
- S3: occ sensor pos.3 (see options section)
- CF: consult factory for custom mounting

**Run Configuration**

- SN: single
- ST: starter
- AD: adder
- TR: terminator

**Finish**

- AW: architectural white (semi-matte)
- WH: white (semi-gloss)
- BL: black (semi-matte)
- MB: matte black
- ESS: environmental satin silver
- BZ: bronze
- PR: primer

**Correlated Color Temperature**

- L: low - 600
- R: regular - 840
- H: high - 1135
- CF: consult factory for custom output

**Light Output**

<table>
<thead>
<tr>
<th>NOMINAL FIXTURE LENGTH</th>
<th>OUTPUT</th>
<th>LUMEN/FT</th>
<th>WATT/FT</th>
<th>LUMINARE LUMENS</th>
<th>EFFICIENCY (LPW)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4'</td>
<td>L low</td>
<td>600</td>
<td>5.0</td>
<td>2177</td>
<td>117</td>
</tr>
<tr>
<td></td>
<td>R regular</td>
<td>840</td>
<td>7.8</td>
<td>3100</td>
<td>108</td>
</tr>
<tr>
<td></td>
<td>H high</td>
<td>1135</td>
<td>11.1</td>
<td>4189</td>
<td>102</td>
</tr>
</tbody>
</table>

Note: All data reflects fixtures with 3500K LEDs and rectangular profile and solid ends.
## Rectangular Solid End

<table>
<thead>
<tr>
<th>ORDERING CODE</th>
<th>DESCRIPTION</th>
<th>SPECIFICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>RECTANGULAR SOLID END</td>
<td>Rectangular profile with full height aluminum end cap</td>
</tr>
</tbody>
</table>

## Rectangular Luminous End

<table>
<thead>
<tr>
<th>ORDERING CODE</th>
<th>DESCRIPTION</th>
<th>SPECIFICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>B</td>
<td>RECTANGULAR LUMINOUS END</td>
<td>Rectangular profile with aluminum end cap and frosted acrylic lens end</td>
</tr>
</tbody>
</table>

## Emergency LED Driver

<table>
<thead>
<tr>
<th>ORDERING CODE</th>
<th>DESCRIPTION</th>
<th>SPECIFICATIONS</th>
</tr>
</thead>
</table>
| ED            | EMERGENCY LED DRIVER      | • Universal 120-277V input voltage emergency driver delivers initial minimum power of 10W for 90 minutes  
|               |                           | • Available for 4’ nominal length non-dim or 0-10V fixture only (consult factory for all other lengths/drivers)  
|               |                           | **Note**: remote battery backup available for shorter fixture lengths - ordered separately, consult factory for details |

## Occupancy Sensor

- **OCCUPANCY SENSOR**
  - Passive infrared occupancy sensor with hold-off daylighting adjustment (10-120 foot candles) and time delay adjustment from 30 seconds to 30 minutes
  - Sensor adds 4” to overall fixture length

<table>
<thead>
<tr>
<th>ORDERING CODE</th>
<th>DESCRIPTION</th>
<th>SPECIFICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>S1</td>
<td>Occupancy sensor – position 1</td>
<td>Sensor located on the top at an end</td>
</tr>
<tr>
<td>S2</td>
<td>Occupancy sensor – position 2</td>
<td>Sensor located on the side at the right end</td>
</tr>
<tr>
<td>S3</td>
<td>Occupancy sensor – position 3</td>
<td>Sensor located on the side at the left end</td>
</tr>
</tbody>
</table>
### MOUNTING

<table>
<thead>
<tr>
<th>ORDERING CODE</th>
<th>DESCRIPTION</th>
</tr>
</thead>
</table>
| SM            | SURFACE MOUNT  
Use appropriate fastener through Ø3/16” holes in housing |
| WD            | WALL MOUNT – DIRECT ORIENTATION  
Mounting option includes:  
- 1-7/8” H x 2-1/2” W aluminum bracket projects the fixture housing 3/4” from the wall surface |
| C4 and C8     | CABLE MOUNT  
Mounting option includes:  
- Ø 1/16” x 48” (C4) or 96” (C8) aircraft cables  
- 60” (C4) or 108” (C8) power cable (in coordinating finish)  
- Bracket bars  
- Ø 5” white canopies  
- Ceiling couplers  
- Side exit cable grippers |