**FEATURES**

The BSS235 is an indirect linear LED luminaire for general lighting applications. The 2” wide by 3” tall extrusion is capped with machined aluminum end caps and available in two lighting distributions. A variety of dimming drivers, light outputs and finishes add further versatility of this clean design luminaire.

**SPECIFICATIONS**

Fixture constructed of extruded aluminum, frosted extruded acrylic lens and machined aluminum end caps

Lambertian and batwing light distributions available

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 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’ or 8’ nominal non-dim or 0-10V (consult factory for all other lengths/drivers)

Standard light outputs range from 465 – 970 lumens per foot depending on the optic option

LEDs available in 2700K, 3000K, 3500K and 4000K, within a 3 step MacAdam ellipse, all with 90+ CRI typical

Lamp life rated at 50,000 hours

Available with several sensor options

Life: 50,000 hours L70

Limited five year warranty

UL and C-UL listed for dry and damp locations

---

### PERFORMANCE

<table>
<thead>
<tr>
<th>NOMINAL LENGTH</th>
<th>OUTPUT</th>
<th>LUMENS/FT.</th>
<th>WATTS/FT.</th>
<th>LUMINAIRE LUMENS</th>
<th>EFFICACY (LPW)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4’ lamp</td>
<td>L: low</td>
<td>455</td>
<td>5.0</td>
<td>1738</td>
<td>93</td>
</tr>
<tr>
<td></td>
<td>R: regular</td>
<td>660</td>
<td>7.2</td>
<td>2257</td>
<td>84</td>
</tr>
<tr>
<td></td>
<td>H: high</td>
<td>780</td>
<td>10.1</td>
<td>2966</td>
<td>79</td>
</tr>
<tr>
<td>4’ batwing</td>
<td>L: low</td>
<td>570</td>
<td>5.7</td>
<td>2112</td>
<td>100</td>
</tr>
<tr>
<td></td>
<td>R: regular</td>
<td>740</td>
<td>7.7</td>
<td>2743</td>
<td>94</td>
</tr>
<tr>
<td></td>
<td>H: high</td>
<td>970</td>
<td>10.0</td>
<td>3604</td>
<td>89</td>
</tr>
</tbody>
</table>

*Note: All data reflects fixture with 3500K LEDs

---

### BSS235 -

---

### CORRELATED COLOR TEMPERATURE

L: low – 2700K-90+ CRI
R: regular – 3000K-90+ CRI
H: high – 3500K-90+ CRI
B: 4000K-90+ CRI

---

### LIGHT OUTPUT (lumens per foot)

L: low – 570 (w/optic option 2)
R: regular – 740 (w/optic option 2)
H: high – 970 (w/optic option 2)
CF: consult factory for custom output

---

### OPTIC

1: general Lambertian distribution
2: batwing distribution

---

### OPTIONS

ED: emergency driver 
4’ or 8’ non-dim or 0-10V only
0-10V only
W51: Wattstopper FS-205 #
EN1: Enlighted FS-D22 #
ES1: EasySense SN102 #
ES2: EasySense SN200 #
ES3: EasySense SN300 #

---

### MOUNT

C4: cable mount 4’ cable length
C8: cable mount 8’ cable length
CF: consult factory for custom mounting

---

### RUN CONFIGURATION

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

---

### DRIVER

ND: non-dimming
D: 0-10V, 1%

HES: Lutron EcoSystem, soft-on/ fade-to-black, 1%
H2: Lutron H-lume 2 wire forward phase, 1%, (120V ONLY)
ES: Lutron EcoSystem 5-Series, 5%
EL: eldoLED ECOdrive 0-10V, 1%

---

©2020 Bartco Lighting, Inc. These products are protected by patents and patents pending. Unauthorized use or reproduction of illustrations, photographs or text is prohibited. Bartco Lighting reserves the right to discontinue products or to change the technical and/or design specifications at any time.
### INDIRECT OPTIC OPTION

<table>
<thead>
<tr>
<th>ORDERING CODE</th>
<th>DESCRIPTION</th>
<th>SPECIFICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1 Lambertian distribution</td>
<td>Lightly frosted extruded acrylic lens for general Lambertian distribution</td>
</tr>
<tr>
<td></td>
<td>2 Batwing distribution</td>
<td>Clear extruded acrylic with wide distribution optic features</td>
</tr>
</tbody>
</table>

### MOUNTING

<table>
<thead>
<tr>
<th>ORDERING CODE</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>C4 and C8</td>
</tr>
</tbody>
</table>

Cable Mount:
- 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

### OPTIONS

<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’ or 8’ nominal length non-dim or 0-10V fixture (consult factory for all other lengths/drivers)  
• Indicator lamp/test switch located on the underside at an end |
### INTEGRATED SENSORS

Note: For 4' nominal and longer fixture. All sensors located on the fixture underside at an end.

<table>
<thead>
<tr>
<th>ORDERING CODE</th>
<th>BRAND AND MODEL</th>
<th>FUNCTIONS</th>
<th>For use with on/off or 0-10V dimming drivers only</th>
</tr>
</thead>
<tbody>
<tr>
<td>WS1</td>
<td>Wattstopper FS-205</td>
<td>Occupancy and light level sensor</td>
<td></td>
</tr>
<tr>
<td>EN1</td>
<td>Enlighted FS-D22</td>
<td>Occupancy, ambient light sensing, daylight harvesting, and environment monitoring for Enlighted control network</td>
<td>Provided with Advance sensor ready series 0-10V dimming drivers</td>
</tr>
<tr>
<td>ES1</td>
<td>Philips EasySense SN102</td>
<td>Occupancy, daylight harvesting and task tuning sensor with simple grouping</td>
<td>Provided with Advance sensor ready series 0-10V dimming drivers</td>
</tr>
<tr>
<td>ES2</td>
<td>Philips EasySense SN200</td>
<td>Occupancy, daylight harvesting and task tuning sensor with advance grouping</td>
<td></td>
</tr>
<tr>
<td>ES3</td>
<td>Philips EasySense SN300</td>
<td>Occupancy, daylight harvesting sensor for integration with Zigbee control networks</td>
<td></td>
</tr>
</tbody>
</table>