SPECIFICATIONS

Fixture housings constructed an extruded aluminum housing, extruded, frosted acrylic lens and machined aluminum end caps.

Mounting variations offered for surface or cable suspended applications.

Fixture housings require BSS610-M Joining Modules for mounting and supplying power (specified separately).

Standard finishes include Fluoroscape White (semi-matte), white (semi-gloss), black (semi-matte), matte black, silver, platinum*, bronze and primer powder coat, applied post production (consult factory for custom finishes).

Fixture modules available in nominal lengths of 22”-88” and are provided with suitable length wiring for connecting to adjacent fixtures or power modules.

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 44”-88” fixtures (remote battery backup available for shorter fixture lengths - ordered separately, consult factory for details).

Standard outputs are 5W or 8W nominal per foot.

LEDs available in 3000K, 3500K, 4000K, 5000K, all with a typical 84-85 CRI and color consistency within a 3 step MacAdam ellipse.

Lamp life rated at 50,000 hours.

Limited five year warranty.

UL and C-UL listed for dry and damp locations.

IBEW manufactured and assembled.

Made in U.S.A.

SECTIONS

Fixture housing

Module accessory (M-1 and shown)

Frosted acrylic lens

PERFORMANCE

NOMINAL LENGTH | WATTS/FT. | TOTAL WATTS | LUMINAIRE LUMENS | EFFICACY

45°

*Note: All data reflects fixtures with 3500K LEDs.
SM  SURFACE MOUNT
- Use appropriate fastener through Ø3/16" holes in housing
- Power is supplied through an adjacent Joining Module

CM  CABLE MOUNT
- Mounting accomplished with adjacent, cable suspended Joining Modules
- Power is supplied through an adjacent cable suspended Joining Module

OPTIONS

<table>
<thead>
<tr>
<th>ORDERING CODE</th>
<th>DESCRIPTION</th>
<th>SPECIFICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED  EMERGENCY LED DRIVER</td>
<td></td>
<td>• Universal 120-277V input voltage emergency driver delivers initial minimum power of 10W for 90 minutes • Available for 44&quot;-88&quot; fixtures • Provided with combination test switch/indicator light mounted on housing top for suspended applications or the housing underside for surface mount applications • Contractor to run necessary wiring through fixture arrays</td>
</tr>
</tbody>
</table>
| OC 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  
**Note:** control unit located in fixture housing while optical sensor is mounted to an adjacent Joining Module |
Joining modules for BSS610 LED fixture housing

**SPECIFICATIONS**

Joining Modules constructed an extruded aluminum housing, and machined aluminum end caps.

Standard finishes include Fluoroscape White (semi-matte), white (semi-gloss), black (semi-matte), matte black, silver, platinum*, bronze and primer powder coat, applied post production (consult factory for custom finishes).

Modules available in End, Straight, 90° "L", 90° "T", 90° "X", 120° "L" and 120° "Y" configurations.

Mounting variations offered for surface or cable suspended applications.

Cable suspended modules with the power feed option provided with coordinating (white, metal braided) 18 ga. power cable for load up to 6 Amps.

Passive infrared occupancy sensor available for 34" and longer fixtures.

---

**PLAN**

(Cable mount, no power feed shown)

M-1 M-3 M-5 M-6

M-2 M-4

---

**BSS610-M**

<table>
<thead>
<tr>
<th>MODULE CONFIGURATION</th>
<th>MOUNT</th>
<th>POWER FEED</th>
<th>OPTIONS</th>
<th>FINISH</th>
</tr>
</thead>
</table>

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* A standard finish requiring a two step coating process, premium will apply.
MOUNTING

SM SURFACE MOUNT

Use appropriate fastener through Ø3/16” holes in Joining Module housing

CM48 CM96 CABLE MOUNT

Mounting option includes:

• Ø 1/16” x 48” (CM48) or 96” (CM96) aircraft cables
• 18 gauge x 60” (CM48) or 102” (CM96) SJT power cable (in coordinating finish)
• Bracket bars
• Ø 5” white canopy for “P” power feed option
• Ø 2” white canopy for “N” NO power option
• Ceiling couplers
• Side exit cable grippers

POWER FEED

ORDERING CODE DESCRIPTION SPECIFICATIONS

P With power feed

• SM option Modules: Housing is provided with a Ø7/8” hole on mounting surface
• CM option Modules: Supplied with 18 gauge x 60” (CM48) or 108” (CM96) SJT power cable (in coordinating finish) for maximum 6 Amp load and a Ø5” white canopy

N NO power feed

• CM option Modules: provided with a Ø2” white canopy

OPTIONS

ORDERING CODE DESCRIPTION SPECIFICATIONS

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

Note: optical sensor is mounted in the Joining Module, while the control unit is mounted in an adjacent fixture housing (specify designated fixture with the “OC” option)

S1 OCCUPANCY SENSOR - POSITION 1 Optical sensor located on the bottom side in the center
LENGTH / MOUNTING DIMENSIONS

Note: Cable Center/Mounting Hole Dimension “B” is constant, regardless of the Joining Module configuration.

<table>
<thead>
<tr>
<th>FIXTURE LENGTH ORDERING CODE</th>
<th>LENGTH A</th>
<th>LENGTH B</th>
</tr>
</thead>
<tbody>
<tr>
<td>22</td>
<td>22-1/8”</td>
<td>26”</td>
</tr>
<tr>
<td>33</td>
<td>33-1/8”</td>
<td>37”</td>
</tr>
<tr>
<td>44</td>
<td>44-1/8”</td>
<td>48”</td>
</tr>
<tr>
<td>55</td>
<td>55-1/8”</td>
<td>59”</td>
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<tr>
<td>66</td>
<td>66-1/8”</td>
<td>70”</td>
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<tr>
<td>77</td>
<td>77-1/8”</td>
<td>81”</td>
</tr>
<tr>
<td>88</td>
<td>88-1/8”</td>
<td>92”</td>
</tr>
</tbody>
</table>

*SM* - Surface Mount Option

*CM* - Cable Mount Option

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Below are a few examples of layouts that can be created with YoX Fixtures and Joining Modules. Use any combination of fixture lengths and module configurations to create unique shapes and designs.

IMPORTANT: Provide finished layout to Bartco Lighting for verification.

To aid in producing layouts, visit bartcoLIGHTING.com/product/BSS610/layouttools for access to CAD blocks.