BSS520 | GENERAL INFORMATION

3-1/2” O.D. cylindrical LED down light fixture

**FEATURES**

The BSS520 is a suspended linear LED down light for general lighting applications. The Ø3-1/2” extruded aluminum housing is fitted with tightly spaced diodes and a frosted acrylic lens to produce seamless, diffuse illumination. Heavy gauge aluminum end caps finish off the fixture ends.

**SPECIFICATIONS**

Fixture constructed of an extruded aluminum housing, frosted extruded acrylic lens and sheet aluminum end caps

Standard finishes as shown below

Available in nominal lengths of 23”-89” single fixtures and continuous runs

Continuous run fixtures provided with quick connects for simple, efficient wiring

Single and Starter fixtures include coordinating (white, metal braided) 18 ga. power cable

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 45”-89” 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 5 year warranty

UL and C-UL listed for dry and damp locations

IBEW manufactured and assembled

Made in U.S.A.

**PERFORMANCE**

<table>
<thead>
<tr>
<th>NOMINAL LENGTH</th>
<th>WATTS/FT</th>
<th>TOTAL WATTS</th>
<th>LUMINARE LUMENS</th>
<th>EFFICACY</th>
</tr>
</thead>
<tbody>
<tr>
<td>45”</td>
<td>3.54</td>
<td>31.8</td>
<td>111</td>
<td>111</td>
</tr>
</tbody>
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**NOMINAL FIXTURE LENGTH**

23: 22-1/2”
34: 33-1/2”
45: 44-1/2”
56: 55-1/2”
67: 66-1/2”
78: 77-1/2”
89: 88-1/2”

**COLOR TEMPERATURE**

30: 3000K - 84 CRI
35: 3500K - 85 CRI
40: 4000K - 85 CRI
50: 5000K - 85 CRI

**DRIVER**

[Non-Dimming]
leave blank for non-dimming

[Dimming]
DM: 0-10V, 1%
HE: Lutron EcoSystem, 1%
HE5: Lutron EcoSystem, soft-on/ fade-to-black, 1%
H2: Lutron Hi-lume 2-wire forward phase, 1%, (120V ONLY)
EL: eldoLED ECOdrive 0-10V, 1%

**WATTS/FOOT**

5: 5 W/ft
8: 8.5 W/ft.

CF: consult factory for custom wattage

**MOUNT**

CM48: cable mount 48” cable length
CM96: cable mount 96” cable length
CF: consult factory for custom mounting

**RUN CONFIGURATION**

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

**OPTION**

ED: emergency driver (45”-89” lengths only)

**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
CF: consult factory for custom finish
SA: satin anodize (may require additional lead time)

**Side Diagram**

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## MOUNTING

<table>
<thead>
<tr>
<th>ORDERING CODE</th>
<th>DESCRIPTION</th>
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<tbody>
<tr>
<td>CM48 and CM96</td>
<td>CABLE MOUNT</td>
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</table>

Mounting option includes:
- Ø 1/16”x 48” (CM48) or 96” (CM96) aircraft cables
- 18 gauge x 60” (CM48) or 108” (CM96) SJT power cable (in coordinating finish)
- Bracket bars
- Ø 5” white canopies
- Ceiling couplers
- Side exit cable grippers

## OPTIONS

<table>
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<th>DESCRIPTION</th>
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</thead>
</table>
| ED            | Emergency LED Driver | • Universal 120-277V input voltage emergency driver delivers initial minimum power of 10W for 90 minutes  
• Combination test switch/indicator light located on fixture housing, 1-5/8” from the power feed end |