

BSS210 | bodhi

2-1/8" wide LED luminaire with drop lens

Project: _____ Type: _____



FEATURES

The BSS210 is a linear LED luminaire for general lighting applications. The 2-1/8" wide extruded aluminum housing is capped by a 2" tall, rectangular or rounded profile frosted acrylic lens that produces a wide distribution of diffuse illumination. 1/4" thick machined aluminum end caps finish off the fixture ends.

Fixture with certain options available for 7-Day QuickShip.

SPECIFICATIONS

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

Model variations offered in rectangular or rounded profiles for surface and wall mount or cable suspended applications 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 or 1000 lumens per foot

LEDs available in 3000K, 3500K, 4000K and 5000K, within a 3 step MacAdam ellipse, all with 80+ CRI typical

Life: 50,000 hours L₇₀

Passive infrared occupancy sensor available (FOR RECTANGULAR PROFILE ONLY)

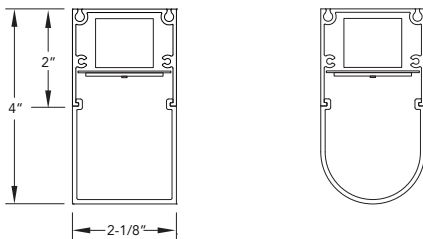
Limited five year warranty

UL and C-UL listed for dry and damp locations



Highlighted fields denote QuickShip Options. See complete 7-Day QuickShip Terms and Conditions available at www.bartcolighting.com/quickship-products/. Purchase order must reference "QuickShip".

SECTION



PERFORMANCE

Note: All data reflects fixtures with 3500K LEDs and rectangular profile and solid ends

| NOMINAL LENGTH | OUTPUT | LUMENS/ft. | WATTS/ft. | LUMINAIRE LUMENS | EFFICACY (LPW) |
|----------------|------------|------------|-----------|------------------|----------------|
| 4' | L: low | 600 | 5.0 | 2244 | 120 |
| | R: regular | 1000 | 8.5 | 3736 | 118 |



BSS210 -

| NOMINAL FIXTURE LENGTH* | CORRELATED COLOR TEMPERATURE | DRIVER | LENS | MOUNT | FINISH |
|-------------------------------|------------------------------------|--|---------------------------------------|---|--|
| 2: 22-3/4" | 30: 3000K-80+ CRI | ND: non-dimming | A: rectangular profile - solid end | SM: surface mount | AW: architectural white (semi-matte) |
| 3: 33-3/4" | 35: 3500K-80+ CRI | [Dimming] | B: rectangular profile - luminous end | WD: wall mount - direct | WH: white (semi-gloss) |
| 4: 44-3/4" | 40: 4000K-80+ CRI | D: 0-10V, 1% (120V ONLY) | C: rounded profile - solid end | C4: cable mount 4' cable length | BL: black (semi-matte) |
| 5: 55-3/4" | 50: 5000K-80+ CRI | DLV: electronic low voltage, 1%, (120V ONLY) | D: rounded profile - luminous end | C8: cable mount 8' cable length | MB: matte black |
| 6: 66-3/4" | | HES: Lutron EcoSystem, soft-on/fade-to-black, 1% | | CF: consult factory for custom mounting | ESS: environmental satin silver |
| 7: 77-3/4" | | EL: eldoLED ECO-drive, 0-10V, 1% | | | BZ: bronze |
| 8: 88-3/4" | | ES: eldoLED SOLO-drive 0-10V, 0.1% | | | PR: primer |
| | | ELD: eldoLED ECO-drive DALI, 1% | | | CF: consult factory for custom finish |
| | | ESD: eldoLED SOLO-drive DALI, 0.1% | | | SA: satin anodize (may require additional lead time) |
| | | | LIGHT OUTPUT (lumens per foot) | OPTIONS | RUN CONFIGURATION |
| | | | L: low - 600 | ED: emergency driver (4' non-dim or 0-10V only) | SN: single |
| | | | R: regular - 1000 | S1A: occ sensor pos.1, 100%-0% ‡ | ST: starter |
| | | | CF: consult factory for custom output | S1B: occ sensor pos.1, 100%-50% ‡ | AD: adder |
| | | | | S2A: occ sensor pos.2, 100%-0% ‡ | TR: terminator |
| | | | | S2B: occ sensor pos.2, 100%-50% ‡ | |
| | | | | S3A: occ sensor pos.3, 100%-0% ‡ | |
| | | | | S3B: occ sensor pos.3, 100%-50% ‡ | |

* Actual dimension dependent on run configuration and sensor option.

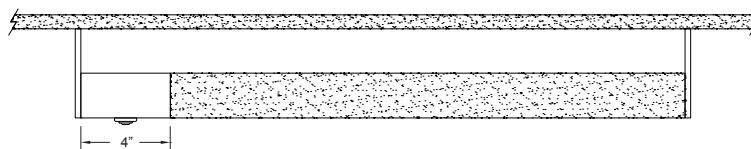
‡ See options section for details.

LENS

| | ORDERING CODE | DESCRIPTION | SPECIFICATIONS |
|--|---------------|--------------------------|--|
|  | A | RECTANGULAR SOLID END | Rectangular profile with full height aluminum end cap |
|  | B | RECTANGULAR LUMINOUS END | Rectangular profile with aluminum end cap and frosted acrylic lens end |
|  | C | ROUNDED SOLID END | Rounded profile with full height aluminum end cap |
|  | D | ROUNDED LUMINOUS END | Rounded profile with aluminum end cap and frosted acrylic lens end |

OPTIONS

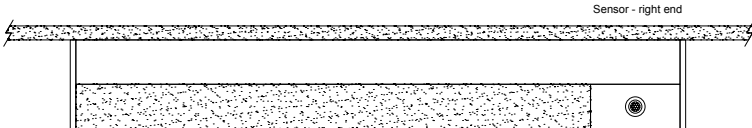
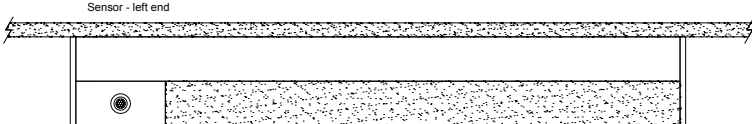
| ORDERING CODE | DESCRIPTION | SPECIFICATIONS |
|---------------|---|---|
| ED | EMERGENCY LED DRIVER | <ul style="list-style-type: none"> Universal 120-277V input voltage emergency driver delivers initial minimum power of 10W for 90 minutes Available for 4' nominal length non-dim or 0-10V fixture only (consult factory for all other lengths/drivers) |
| | OCCUPANCY SENSOR | <ul style="list-style-type: none"> Passive infrared occupancy sensor with hold-off daylighting adjustment (10-120 foot candles) and time delay adjustment from 30 seconds to 30 minutes AVAILABLE FOR RECTANGULAR PROFILE ONLY Sensor adds 4" to overall fixture length Consult factory for custom output |
| S1A | Occupancy sensor – position 1, 100% – 0% | Sensor located on the top at an end, with 100% – 0% light output setting |
| S1B | Occupancy sensor – position 1, 100% – 50% | Sensor located on the top at an end, with 100% – 50% light output setting |



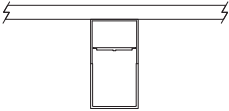
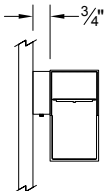
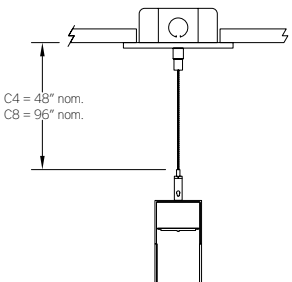
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OPTIONS

| ORDERING CODE | DESCRIPTION | SPECIFICATIONS |
|---|---|--|
| S2A | Occupancy sensor – position 2, 100% – 0% | Sensor located on the side at the right end, with 100% – 0% light output setting |
| S2B | Occupancy sensor – position 2, 100% – 50% | Sensor located on the side at the right end, with 100% – 50% light output setting |
|  | | |
| S3A | Occupancy sensor – position 3, 100% – 0% | Sensor located on the side at the left end, with 100% – 0% light output setting |
| S3B | Occupancy sensor – position 3, 100% – 50% | Sensor located on the side at the left end, with 100% – 50% light output setting |
|  | | |

MOUNTING

| | ORDERING CODE | DESCRIPTION |
|---|---------------|---|
|  | SM | SURFACE MOUNT Use appropriate fastener through Ø3/16" holes in housing |
|  | WD | WALL MOUNT – DIRECT ORIENTATION Mounting option includes: <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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 |

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LENGTH / MOUNTING DIMENSIONS

| ORDERING CODE | LENGTH A* | LENGTH B* | LENGTH C* | LENGTH D* | LENGTH E* |
|---------------|-----------|-----------|-----------|-----------|-----------|
| 2 | 22-3/4" | 22-1/2" | 22-1/4" | 16-3/4" | 19-1/2" |
| 3 | 33-3/4" | 33-1/2" | 33-1/4" | 27-3/4" | 30-1/2" |
| 4 | 44-3/4" | 44-1/2" | 44-1/4" | 38-3/4" | 41-1/2" |
| 5 | 55-3/4" | 55-1/2" | 55-1/4" | 49-3/4" | 52-1/2" |
| 6 | 66-3/4" | 66-1/2" | 66-1/4" | 60-3/4" | 63-1/2" |
| 7 | 77-3/4" | 77-1/2" | 77-1/4" | 71-3/4" | 74-1/2" |
| 8 | 88-3/4" | 88-1/2" | 88-1/4" | 82-3/4" | 85-1/2" |

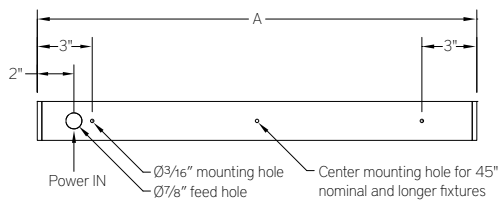
* Add 4" to dimension for any fixture using the S1, S2 or S3 occupancy sensor option

RUN CONFIGURATION INFORMATION

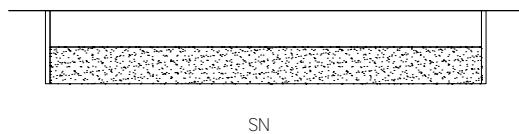
| ORDERING CODE | DESCRIPTION |
|---------------|-------------|
| SN | Single |
| ST | Starter |
| AD | Adder |
| TR | Terminator |

RUN INFORMATION

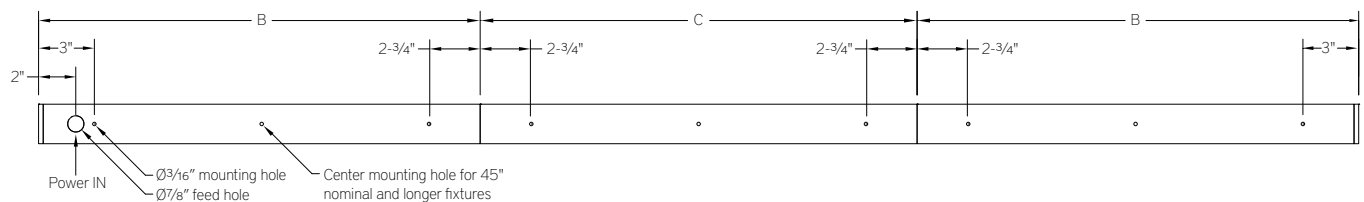
Back Plan - Surface Mount Single Fixture Option



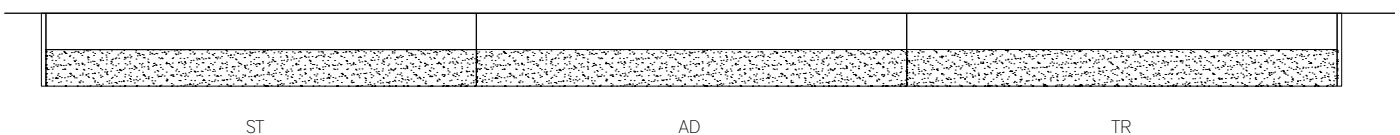
Side View - Surface Mount Single Fixture Option



Back Plan - Surface Mount Continuous Run Option



Side View - Surface Mount Continuous Run Option

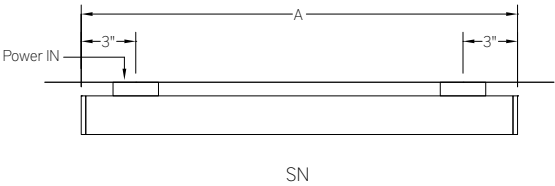


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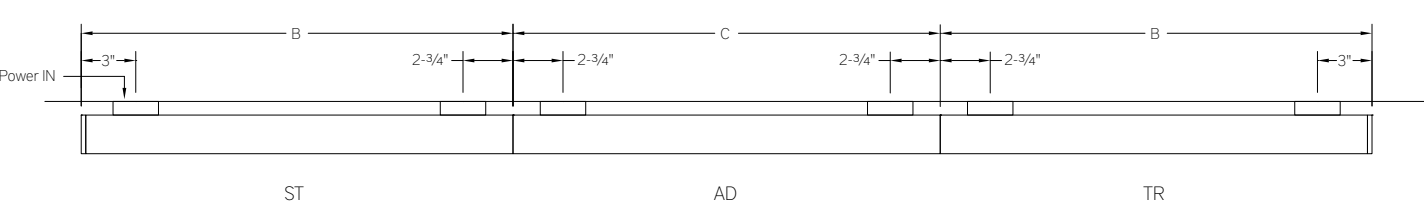
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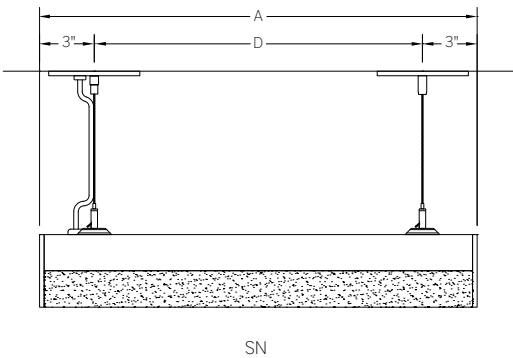
Plan - Wall Mount Single Fixture Option



Plan - Wall Mount Continuous Run Option



Side View - Cable Mount Single Fixture Option



Side View - Cable Mount Continuous Run Option

