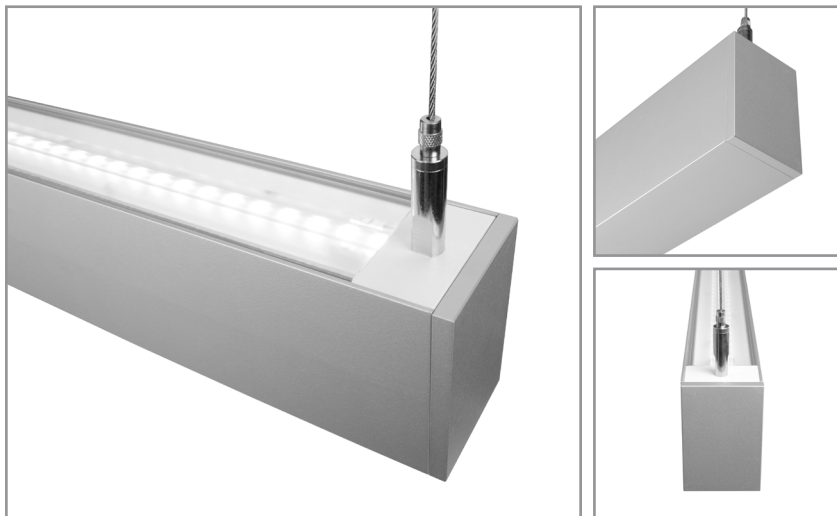


# BSS235 | **bodhi**

2" wide indirect LED luminaire

Project: \_\_\_\_\_ Type: \_\_\_\_\_



## FEATURES

The Bodhi® 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 with Lambertian or batwing light distributions. A variety of dimming drivers, light outputs and finishes add further versatility of this clean design luminaire. The BSS235 is Controls Capable, being offered with a variety of integrated control options.

## SPECIFICATIONS

Fixture constructed of extruded aluminum, 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.

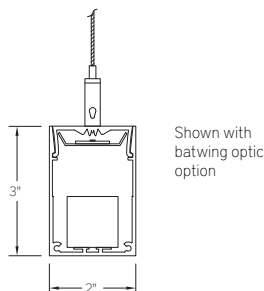
Life: 50,000 hours L<sub>70</sub>.

Bartco Lighting Controls Capable fixture available with integrated controls from a variety of suppliers.

Limited five year warranty.

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

## SECTION



## PERFORMANCE

Note: All data reflects fixture with 3500K LEDs.

| NOMINAL LENGTH | OPTIC OPTION | OUTPUT     | LUMENS/ft. | WATTS/ft. | LUMINAIRE LUMENS | EFFICACY (LPW) |
|----------------|--------------|------------|------------|-----------|------------------|----------------|
| 4'             | Lambertian   | L: low     | 465        | 5.0       | 1738             | 93             |
|                |              | R: regular | 600        | 7.2       | 2257             | 84             |
|                |              | H: high    | 780        | 10.1      | 2966             | 79             |
|                | Batwing      | L: low     | 570        | 5.7       | 2112             | 100            |
|                |              | R: regular | 740        | 7.9       | 2743             | 94             |
|                |              | H: high    | 970        | 10.9      | 3604             | 89             |



## BSS235 -

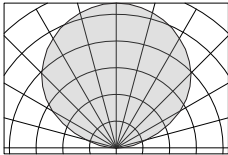
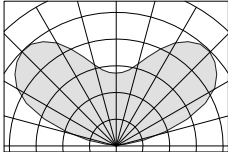
| NOMINAL<br>FIXTURE<br>LENGTH* | CORRELATED<br>COLOR<br>TEMPERATURE | DRIVER                                                  | LIGHT OUTPUT<br>(lumens per foot<br>w/ optic option 2) | OPTIC                         | MOUNT                              | OPTIONS                                                 | FINISH                                                       |
|-------------------------------|------------------------------------|---------------------------------------------------------|--------------------------------------------------------|-------------------------------|------------------------------------|---------------------------------------------------------|--------------------------------------------------------------|
| 2: 24-1/2"                    | 27: 2700K-90+ CRI                  | ND: non-dimming                                         | L: low - 570                                           | 1: Lambertian<br>distribution | C4: cable mount 4'<br>cable length | ED: emergency driver (4'<br>nom. non-dim or 0-10V only) | AW: architectural<br>white (semi-matte)                      |
| 3: 35-1/2"                    | 30: 3000K-90+ CRI                  | [Dimming]                                               | R: regular - 740                                       | 2: batwing<br>distribution    | SN: single                         | WS1A: Wattstopper FS-205,<br>100%-0% ‡                  | WH: white (semi-<br>gloss)                                   |
| 4: 46-1/2"                    | 35: 3500K-90+ CRI                  | D: 0-10V, 1%                                            | H: high - 970                                          |                               | ST: starter                        | WS1B: Wattstopper FS-205,<br>100%-50% ‡                 | BL: black (semi-<br>matte)                                   |
| 5: 57-1/2"                    | 40: 4000K-90+ CRI                  | DTR: triac, 1%,<br>(120V ONLY)                          | CF: consult factory<br>for custom output               |                               | AD: adder                          | ES4: Philips EasySense<br>SNS211 MC ‡                   | MB: matte black                                              |
| 6: 68-1/2"                    |                                    | DLV: electronic<br>low voltage, 1%,<br>(120V ONLY)      |                                                        |                               | TR: terminator                     | CA1: Casambi CBU-A2D ‡                                  | ESS: environmental<br>satin silver                           |
| 7: 79-1/2"                    |                                    | HES: Lutron<br>EcoSystem, soft-<br>on/fade-to-black, 1% |                                                        |                               |                                    | NL1: nLight RES7 ‡                                      | BZ: bronze                                                   |
| 8: 90-1/2"                    |                                    | EL: eldoLED ECOdrive 0-10V, 1%                          |                                                        |                               |                                    | NL2: nLight RIO ‡                                       | PR: primer                                                   |
|                               |                                    | ES: eldoLED SOLOdrive 0-10V, 0.1%                       |                                                        |                               |                                    | LA1: Lutron Athena A-<br>WN-D01-RF-WH ‡                 | CF: consult factory<br>for custom finish                     |
|                               |                                    | ELD: eldoLED ECOdrive DALI, 1%                          |                                                        |                               |                                    | LA2: Lutron Athena A-<br>WN-D01-OCC-WH ‡                | SA: satin anodize<br>(may require addi-<br>tional lead time) |
|                               |                                    | ESD: eldoLED SOLOdrive DALI, 0.1%                       |                                                        |                               |                                    |                                                         |                                                              |

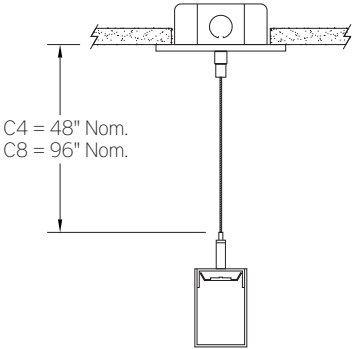
\* Actual dimension dependent on run configuration.

‡ See Integrated Controls section for driver compatibility information.

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| OPTIC                                                                             |             |                                                                   |
|-----------------------------------------------------------------------------------|-------------|-------------------------------------------------------------------|
| ORDERING CODE                                                                     | DESCRIPTION | SPECIFICATIONS                                                    |
|  | 1           | LAMBERTIAN DISTRIBUTION                                           |
|                                                                                   |             | Lightly frosted extruded acrylic lens for Lambertian distribution |
|  | 2           | BATWING DISTRIBUTION                                              |
|                                                                                   |             | Clear extruded acrylic with wide distribution optic features      |

| MOUNTING                                                                           |             |                                                                                                                                                                                                                                                                                                                    |
|------------------------------------------------------------------------------------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ORDERING CODE                                                                      | DESCRIPTION |                                                                                                                                                                                                                                                                                                                    |
|  | C4 and C8   | CABLE MOUNT                                                                                                                                                                                                                                                                                                        |
|                                                                                    |             | Mounting option includes: <ul style="list-style-type: none"><li>• Ø 1/16" x 48" (C4) or 96" (C8) aircraft cables</li><li>• 60" (C4) or 108" (C8) power cable (in coordinating finish)</li><li>• Bracket bars</li><li>• Ø 5" white canopies</li><li>• Ceiling couplers</li><li>• Side exit cable grippers</li></ul> |

| OPTIONS       |                      |                                                                                                                                                                                                                                                                                                                                                              |
|---------------|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ORDERING CODE | DESCRIPTION          | SPECIFICATIONS                                                                                                                                                                                                                                                                                                                                               |
| ED            | EMERGENCY LED DRIVER | <ul style="list-style-type: none"><li>• Universal 120-277V input voltage emergency driver delivers initial minimum power of 10W for 90 minutes.</li><li>• Available for 4' or 8' nominal length non-dim or 0-10V fixture (consult factory for all other lengths/drivers).</li><li>• Indicator lamp/test switch located on the underside at an end.</li></ul> |

## OPTIONS – INTEGRATED CONTROLS

Note: For 3' and longer fixtures. All controls located on the housing underside at an end.



|                                                                                                                      | ORDERING CODE | LIGHT OUTPUT SETTING     | MODEL             | CONTROL PROTOCOL   | FUNCTIONS                                                                                                            | COMPATIBLE DRIVERS                                                                    |
|----------------------------------------------------------------------------------------------------------------------|---------------|--------------------------|-------------------|--------------------|----------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <br><b>legrand®</b><br>WATTSTOPPER® | WS1A          | 100% – 0% <sup>1</sup>   | FS-205            | N/A                | PIR occupancy and light level sensor.                                                                                | For use with on/off or 0-10V dimming drivers only.                                    |
|                                                                                                                      | WS1B          | 100% – 50% <sup>1</sup>  |                   |                    |                                                                                                                      |                                                                                       |
| <br><b>PHILIPS</b><br>EasySense     | ES4           | Set during commissioning | SNS211 MC         | Bluetooth Wireless | Occupancy, daylight harvesting and task tuning sensor with advance grouping, for use within a MasterConnect network. | Provided with Advance sensor ready series 0-10V dimming drivers.                      |
| <b>CASAMBI</b>                                                                                                       | CA1           | Set during commissioning | CBU-A2D           | Bluetooth Wireless | 0-10V/DALI driver controller, for use within a Casambi ecosystem.                                                    | For use with 0-10V or DALI drivers. Consult factory for details.                      |
| <br><b>nLIGHT</b>                 | NL1           | Set during commissioning | RES7 <sup>2</sup> | Radio Wireless     | Dimming, PIR occupancy detection and daylight harvesting, for use within an nLight AIR network.                      | Provided with Advance sensor ready series or eldoLED 0-10V drivers.                   |
|                                                                                                                      | NL2           |                          | RIO <sup>2</sup>  |                    | Dimming, for use within an nLight AIR network.                                                                       |                                                                                       |
| <br><b>LUTRON®</b>                | LA1           | Set during commissioning | A-WN-D01-RF-WH    | Radio Wireless     | Dimming only for use with an Athena control system.                                                                  | Provided with Advance sensor ready series or eldoLED 0-10V or eldoLED DALI-2 drivers. |
|                                                                                                                      | LA2           |                          | A-WN-D01-OCC-WH   |                    | Dimming, PIR occupancy and daylight sensor for use with an Athena control system.                                    |                                                                                       |

1. Consult factory for custom light output setting.

2. Consult your Acuity representative for application-specific model number.

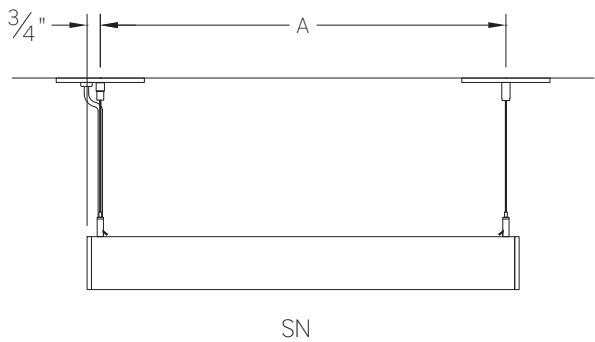
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| LENGTH/MOUNTING DIMENSIONS |          |          |          | RUN CONFIGURATION INFORMATION |             |
|----------------------------|----------|----------|----------|-------------------------------|-------------|
| ORDERING CODE              | LENGTH A | LENGTH B | LENGTH C | ORDERING CODE                 | DESCRIPTION |
| 2                          | 23"      | 23-1/2"  | 24"      | SN                            | Single      |
| 3                          | 34"      | 34-1/2"  | 35"      | ST                            | Starter     |
| 4                          | 45"      | 45-1/2"  | 46"      | AD                            | Adder       |
| 5                          | 56"      | 56-1/2"  | 57"      | TR                            | Terminator  |
| 6                          | 67"      | 67-1/2"  | 68"      |                               |             |
| 7                          | 78"      | 78-1/2"  | 79"      |                               |             |
| 8                          | 89"      | 89-1/2"  | 90"      |                               |             |

## RUN INFORMATION

Side View - Single Fixture



Side View - Continuous Run

