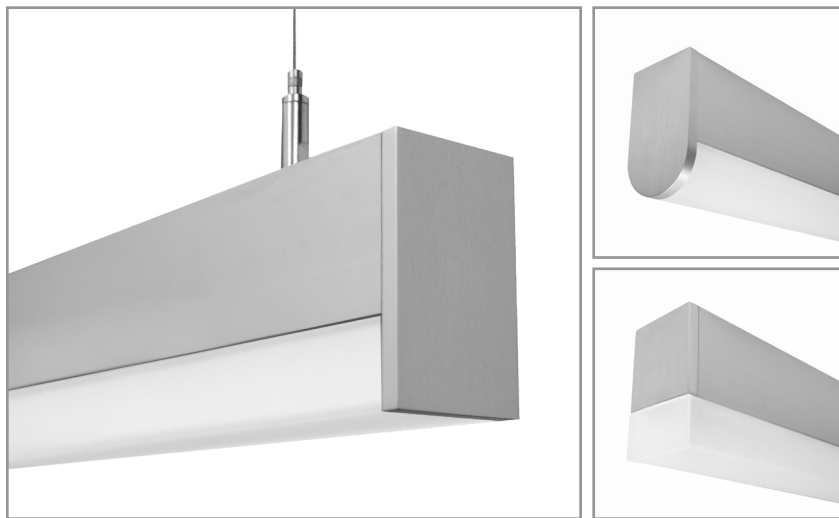


# BSS205 | **bodhi**

1-25/32" wide LED luminaire with drop lens

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



## FEATURES

The BSS205 is a linear LED luminaire for general lighting applications. The 1-25/32" wide extruded aluminum housing is capped by a 1" tall, rectangular or rounded profile frosted acrylic lens that produces a wide distribution of diffuse illumination from 90+ CRI LEDs. 1/4" thick machined aluminum end caps finish off the fixture ends. The BSS205 is Controls Capable, being offered with a variety of integrated control options.

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, wall mount and cable suspended mounting with solid or luminous end options.

Standard finishes as shown below.

Available in nominal 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, 800 or 1000 lumens per foot.

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 (FOR RECTANGULAR PROFILE ONLY).

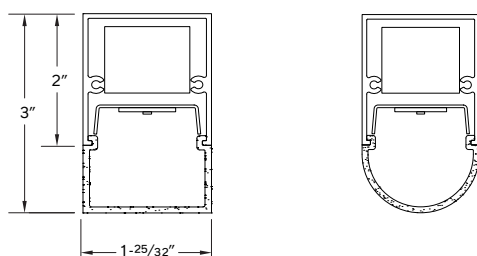
Limited five year warranty.

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/](http://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	5.7	2265	108
	R: regular	800	7.8	2942	101
	H: high	1000	9.0	4008	112



## BSS205 -

NOMINAL FIXTURE LENGTH*	CORRELATED COLOR TEMPERATURE	DRIVER	OPTIC	OPTIONS	MOUNT	FINISH
2: 22-5/8"	27: 2700K-90+ CRI	ND: non-dimming	A: rectangular profile – solid end	ED: emergency driver (4' nom. non-dim or 0-10V only)	SM: surface mount	AW: architectural white (semi-matte)
3: 33-5/8"	30: 3000K-90+ CRI	[Dimming]	B: rectangular profile – luminous end	WS1A: Wattstopper FS-205, 100%-0% ‡	WD: wall mount - direct	WH: white (semi- gloss)
4: 44-5/8"	35: 3500K-90+ CRI	D: 0-10V, 1%	C: rounded profile – solid end	WS1B: Wattstopper FS- 205, 100%-50%‡	WI: wall mount - indirect	BL: black (semi- matte)
5: 55-5/8"	40: 4000K-90+ CRI	DTR: triac, 1%, (120V ONLY)	D: rounded profile – luminous end	ES4: Philips EasySense SNS211 MC ‡	C4: cable mount 4' cable length	MB: matte black
6: 66-5/8"		DLV: electronic low voltage, 1%, (120V ONLY)		CA1: Casambi CBU- A2D ‡	C8: cable mount 8' cable length	ESS: environmental satin silver
7: 77-5/8"		HES: Lutron EcoSystem, soft-on/fade-to-black, 1%		NL1: nLight RES7 ‡	CF: consult factory for custom mounting	BZ: bronze
8: 88-5/8"		EL: eldoLED ECOdrive 0-10V, 1%		NL2: nLight RIO ‡		PR: primer
		ES: eldoLED SOLOdrive 0-10V, 0.1%	LIGHT OUTPUT (lumens per foot)	LA1: Lutron Athena A-WN- D01-RF-WH ‡	RUN CON- FIGURATION	CF: consult factory for custom finish
		ELD: eldoLED ECOdrive DALI, 1%	L: low – 600	LA2: Lutron Athena A-WN- D01-OCC-WH ‡	SN: single	SA: satin anodize (may require additional lead time)
		ESD: eldoLED SOLOdrive DALI, 0.1%	R: regular – 800		ST: starter	
			H: high – 1000		AD: adder	
			CF: consult factory for custom output		TR: terminator	

\* Actual dimension dependent on run configuration.

‡ See Integrated Controls section for driver compatibility information.

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1-25/32" wide LED luminaire with drop lens

OPTIC			
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"><li>• Universal 120-277V input voltage emergency driver delivers initial minimum power of 10W for 90 minutes.</li><li>• Available for 4' nominal length non-dim or 0-10V fixture only (consult factory for all other lengths/drivers).</li></ul>

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OPTIONS – INTEGRATED CONTROLS

Note: Control option takes up 4" of the overall lens length. **AVAILABLE FOR RECTANGULAR PROFILE OPTION ONLY.** For “A” and “B” optic option, controls are mounted to 1” H sheet formed cover that conforms to the lens profile.

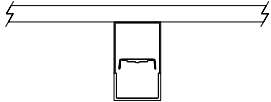
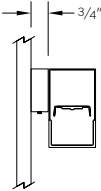
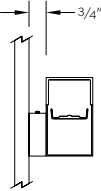
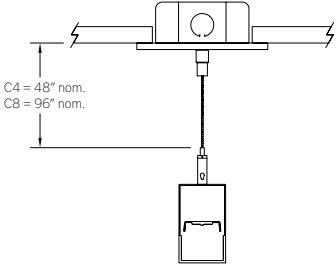


	ORDERING CODE	LIGHT OUTPUT SETTING	MODEL	CONTROL PROTOCOL	FUNCTIONS	COMPATIBLE DRIVERS
 WATTSTOPPER®	WS1A	100% – 0% <sup>1</sup>	FS-205	N/A	PIR occupancy and light level sensor.	For use with on/off or 0-10V dimming drivers only.
	WS1B	100% – 50% <sup>1</sup>				
 EasySense	ES4	Set during commissioning	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.
	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.
	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.	
	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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MOUNTING		
	ORDERING CODE	DESCRIPTION
	SM	<b>SURFACE MOUNT</b>  Use appropriate fastener through Ø3/16" holes in housing
	WD	<b>WALL MOUNT – DIRECT ORIENTATION</b>  Mounting option includes: <ul style="list-style-type: none"><li>1-7/8" H x 4-1/2" W sheet aluminum bracket projects the fixture housing 3/4" from the wall surface</li></ul>
	WI	<b>WALL MOUNT – INDIRECT ORIENTATION</b>  Mounting option includes: <ul style="list-style-type: none"><li>1-7/8" H x 4-1/2" W sheet aluminum bracket projects the fixture housing 3/4" from the wall surface</li></ul>
	C4 and C8	<b>CABLE MOUNT</b>  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>

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## LENGTH / MOUNTING DIMENSIONS

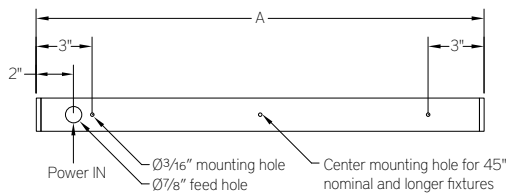
ORDERING CODE	LENGTH A	LENGTH B	LENGTH C	LENGTH D	LENGTH E
2	22-5/8"	22-3/8"	22-1/8"	16-5/8"	19-3/8"
3	33-5/8"	33-3/8"	33-1/8"	27-5/8"	30-3/8"
4	44-5/8"	44-3/8"	44-1/8"	38-5/8"	41-3/8"
5	55-5/8"	55-3/8"	55-1/8"	49-5/8"	52-3/8"
6	66-5/8"	66-3/8"	66-1/8"	60-5/8"	63-3/8"
7	77-5/8"	77-3/8"	77-1/8"	71-5/8"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

## RUN CONFIGURATION INFORMATION

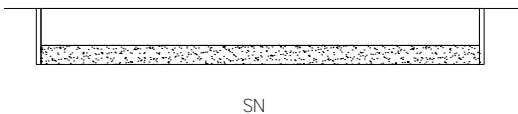
ORDERING CODE	DESCRIPTION
SN	Single
ST	Starter
AD	Adder
TR	Terminator

## RUN INFORMATION

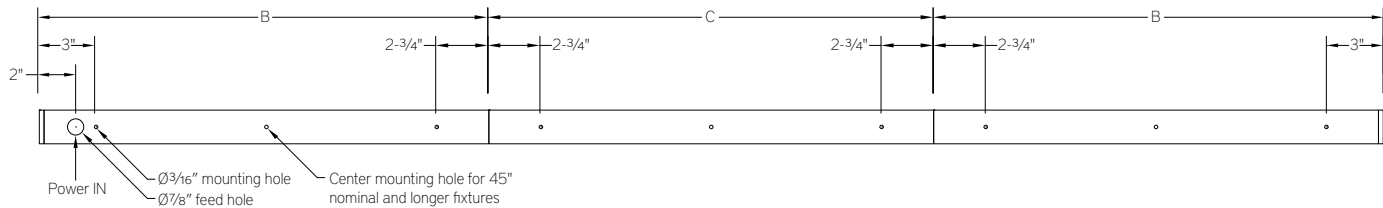
### Back Plan - Surface Mount Single Fixture Option



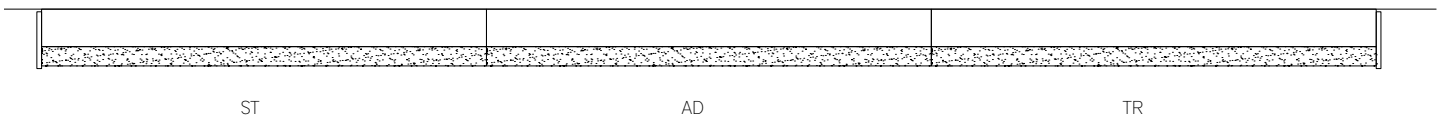
### Side View - Surface Mount Single Fixture Option



### Back Plan - Surface Mount Continuous Run Option



### Side View - Surface Mount Continuous Run Option

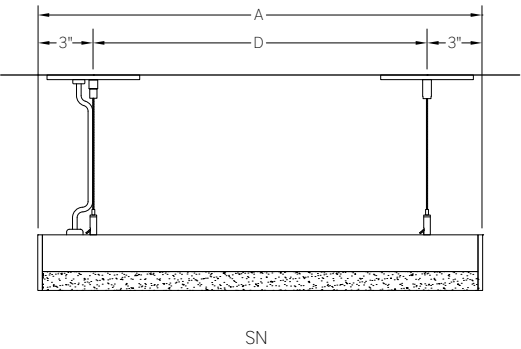


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RUN INFORMATION

Side View - Cable Mount Single Fixture Option



Side View - Cable Mount Continuous Run Option

