

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

Project: _____ Type: _____



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".

Technical drawing of the back of the chair. The drawing shows a rectangular backrest with a decorative top rail and a decorative bottom rail. The backrest is mounted on a frame. Dimensions are indicated: the total height of the backrest is 4", the height of the top rail is 2", and the width of the backrest is 2-1/8". The drawing also shows the decorative details of the backrest, including a central panel and side panels.

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

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. The BSS210 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 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 L_{70}

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.



BSS210 –

NOMINAL FIXTURE LENGTH*	CORRELATED COLOR TEMPERATURE	DRIVER	OPTIC	OPTIONS	MOUNT	FINISH
2: 22-3/4"	30: 3000K-80+ 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: 33-3/4"	35: 3500K-80+ CRI	D: 0-10V, 1%	B: rectangular profile – luminous end	WS1A: Wattstopper FS-205, 100%-0% ‡	WD: wall mount - direct	WH: white (semi-gloss)
4: 44-3/4"	40: 4000K-80+ CRI	DTR: triac, 1%, (120V ONLY)	C: rounded profile – solid end	WS1B: Wattstopper FS-205, 100%-50% ‡	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	EN1: Enlighted FS-D22 ‡	C8: cable mount 8' cable length	MB: matte black
6: 66-3/4"		HES: Lutron EcoSystem, soft-on/fade-to-black, 1%		ES4: Philips EasySense SNS211 MC ‡	CF: consult factory for custom mounting	ESS: environmental satin silver
7: 77-3/4"		EL: eldoLED ECOdrive 0-10V, 1%		CA1: Casambi CBU-A2D ‡		BZ: bronze
8: 88-3/4"		ES: eldoLED SOLOdrive 0-10V, 0.1%	LIGHT OUTPUT (lumens per foot)	NL1: nLight RES7 ‡	RUN CON- FIGURATION	PR: primer
		ELD: eldoLED ECOdrive DALI, 1%	L: low – 600	NL2: nLight RIO ‡	SN: single	CF: consult factory for custom finish
		ESD: eldoLED SOLOdrive DALI, 0.1%	R: regular – 1000	LA1: Lutron Athena A-WN-D01-RF-WH ‡	ST: starter	SA: satin anodize (may require additional lead time)
			CF: consult factory for custom output	LA2: Lutron Athena A-WN-D01-OCC-WH ‡	AD: adder	
					TR: terminator	

* Actual dimension dependent on run configuration.

‡ See Integrated Controls section for driver compatibility information.

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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">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).

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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 "C" optic option, controls are mounted to 1" H sheet formed cover that conforms to the lens profile.



Controls Capable

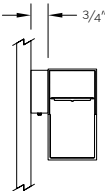
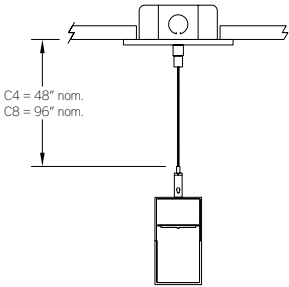
	ORDERING CODE	LIGHT OUTPUT SETTING	MODEL	CONTROL PROTOCOL	FUNCTIONS	COMPATIBLE DRIVERS
 WATTSTOPPER®	WS1A	100% – 0% ¹	FS-205	N/A	PIR occupancy and light level sensor.	For use with on/off or 0-10V dimming drivers only.
	WS1B	100% – 50% ¹				
	EN1	Set during commissioning	FS-D22	Bluetooth Wireless	PIR occupancy, ambient light sensing, daylight harvesting, and environment monitoring for use within an Enlighted control network.	Provided with Advance sensor ready series 0-10V dimming drivers.
 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.
CASAMBI	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 ²	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 ²		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	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 4-1/2" W sheet 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

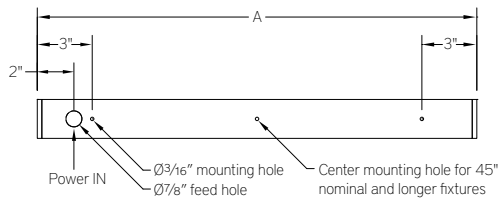
ORDERING CODE	LENGTH A	LENGTH B	LENGTH C	LENGTH D	LENGTH E
2	22-3/4"	22-1/2"	22-1/4"	16-3/4"	19-1/2"
3	33-3/4"	33-1/2"	33-1/4"	27-3/4"	30-1/2"
4	44-3/4"	44-1/2"	44-1/4"	38-3/4"	41-1/2"
5	55-3/4"	55-1/2"	55-1/4"	49-3/4"	52-1/2"
6	66-3/4"	66-1/2"	66-1/4"	60-3/4"	63-1/2"
7	77-3/4"	77-1/2"	77-1/4"	71-3/4"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

RUN CONFIGURATION INFORMATION

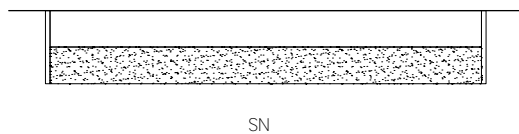
ORDERING CODE	DESCRIPTION
SN	Single
ST	Starter
AD	Adder
TR	Terminator

RUN INFORMATION

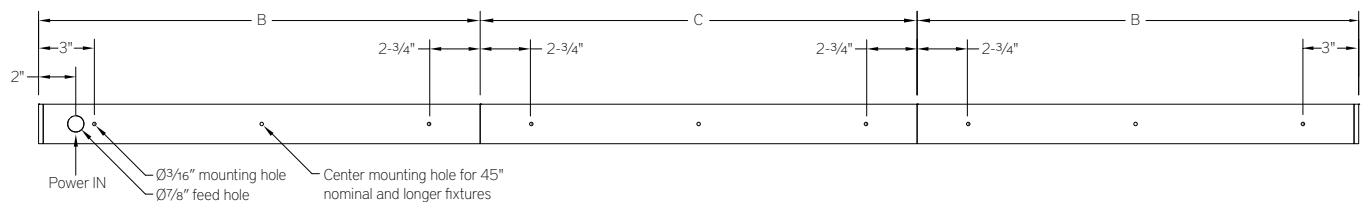
Back Plan - Surface Mount Single Fixture Option



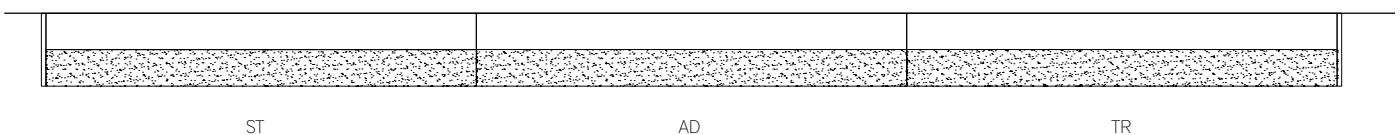
Side View - Surface Mount Single Fixture Option



Back Plan - Surface Mount Continuous Run Option



Side View - Surface Mount Continuous Run Option

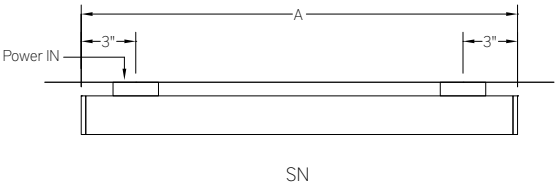


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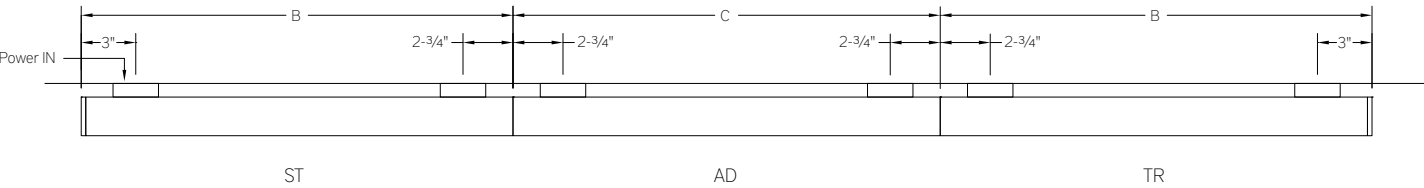
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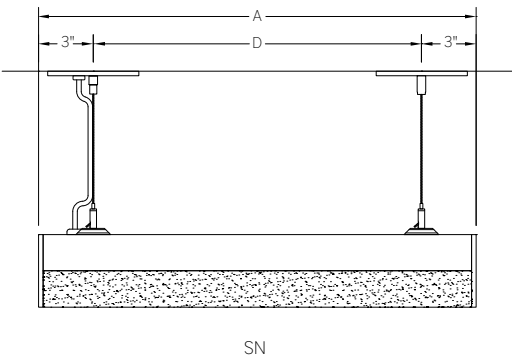
Plan - Wall Mount Single Fixture Option



Plan - Wall Mount Continuous Run Option



Side View - Cable Mount Single Fixture Option



Side View - Cable Mount Continuous Run Option

