

BSS214 | **bodhi**

3" square LED luminaire with flush 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".

FEATURES

The BSS214 is a linear LED luminaire for general lighting applications. The 3" square extrusion is fitted with a flush, frosted lens and machined aluminum end caps. Surface, cable or wall mounting options are available, as well as a variety of dimming drivers and light outputs, to maximize the versatility of this clean design luminaire. The BSS214 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 for surface, wall mount and cable suspended applications.

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' or 8' nominal non-dim or 0-10V (consult factory for all other lengths/drivers).

Standard outputs are 555, 720, and 950 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 L₇₀.

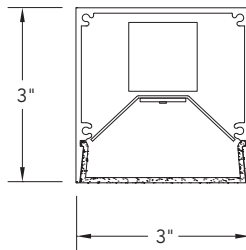
Bartco Lighting Controls Capable fixture available with integrated controls from a variety of suppliers.

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	OUTPUT	LUMENS/ft.	WATTS/ft.	LUMINAIRE LUMENS	EFFICACY (LPW)
4'	L: low	555	5.6	2071	100
	R: regular	720	7.7	2690	93
	H: high	950	10.6	3535	88

BSS214 -

NOMINAL FIXTURE LENGTH*	CORRELATED COLOR TEMPERATURE	DRIVER	LIGHT OUTPUT (lumens per foot)	MOUNT	OPTIONS	FINISH
2: 22-3/4"	27: 2700K-90+ CRI	ND: non-dimming [Dimming]	L: low - 555	SM: surface mount	ED: emergency driver (4' or 8' non-dim or 0-10V only)	AW: architectural white (semi-matte)
3: 33-3/4"	30: 3000K-90+ CRI	D: 0-10V, 1%	R: regular - 720	WD: wall mount - direct	WS1A: Wattstopper FS-205, 100%-0% ‡	WH: white (semi-gloss)
4: 44-3/4"	35: 3500K-90+ CRI	DTR: triac, 1%, (120V ONLY)	H: high - 950	WI: wall mount - indirect	WS1B: Wattstopper FS-205, 100%-50% ‡	BL: black (semi-matte)
5: 55-3/4"	40: 4000K-90+ CRI	DLV: electronic low voltage, 1%, (120V ONLY)	CF: consult factory for custom output	C4: cable mount 4' cable length	EN1: Enlighted FS-D22 ‡	MB: matte black
6: 66-3/4"		HES: Lutron EcoSystem, soft-on/fade-to-black, 1%		C8: cable mount 8' cable length	ES4: Philips EasySense SNS211 MC ‡	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%			NL1: nLight RES7 ‡	PR: primer
		ELD: eldoLED ECOdrive DALI, 1%			NL2: nLight RIO ‡	CF: consult factory for custom finish
		ESD: eldoLED SOLOdrive DALI, 0.1%			LA1: Lutron Athena A-WN-D01-RF-WH ‡	SA: satin anodize (may require additional lead time)
					LA2: Lutron Athena A-WN-D01-OCC-WH ‡	

* Actual dimension dependent on run configuration.

‡ See Integrated Controls section for driver compatibility information.

MOUNTING

	ORDERING CODE	DESCRIPTION
	SM	SURFACE MOUNT Use appropriate fastener through $\varnothing 3/16"$ 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 aluminum bracket projects the fixture housing 3/4" from the wall surface.
	WI	WALL MOUNT - INDIRECT ORIENTATION Mounting option includes: <ul style="list-style-type: none"> • 1-7/8" H x 4-1/2" 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"> • $\varnothing 1/16"$ x 48" (C4) or 96" (C8) aircraft cables • 60" (C4) or 108" (C8) power cable (in coordinating finish) • Bracket bars • $\varnothing 5"$ white canopies • Ceiling couplers • Side exit cable grippers







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' or 8' nominal length non-dim or 0-10V fixture only (consult factory for all other lengths/drivers). • Indicator light/test switch located on housing side for surface mount and upper side for cable suspended mount.

OPTIONS - INTEGRATED CONTROLS

Note: Control option takes up 4" of the overall lens length.
Controls are mounted to flush filler piece.



	ORDERING CODE	LIGHT OUTPUT SETTING	MODEL	CONTROL PROTOCOL	FUNCTIONS	COMPATIBLE DRIVERS
 legrand <small>WATTSTOPPER®</small>	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				
 Enlighted	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.
 PHILIPS <small>EasySense</small>	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.
 nLIGHT	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.	
 LUTRON	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

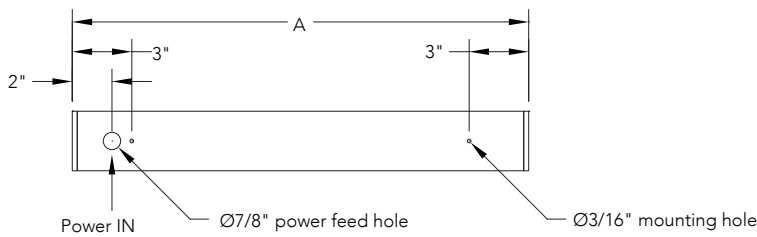
ORDERING CODE	LENGTH A	LENGTH B	LENGTH C	LENGTH D	LENGTH E
2	22-3/4"	22-1/2"	22-1/4"	16-3/4"	19-1/2"
3	33-3/4"	33-1/2"	33-1/4"	27-3/4"	30-1/2"
4	44-3/4"	44-1/2"	44-1/4"	38-3/4"	41-1/2"
5	55-3/4"	55-1/2"	55-1/4"	49-3/4"	52-1/2"
6	66-3/4"	66-1/2"	66-1/4"	60-3/4"	63-1/2"
7	77-3/4"	77-1/2"	77-1/4"	71-3/4"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

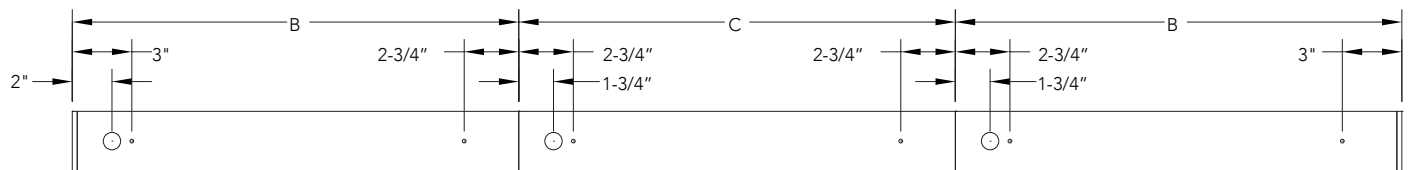
RUN INFORMATION

Back Plan - Surface Mount Single Fixture Option



SN

Back Plan - Surface Mount Continuous Run Option

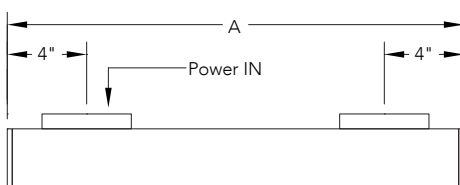


ST

AD

TR

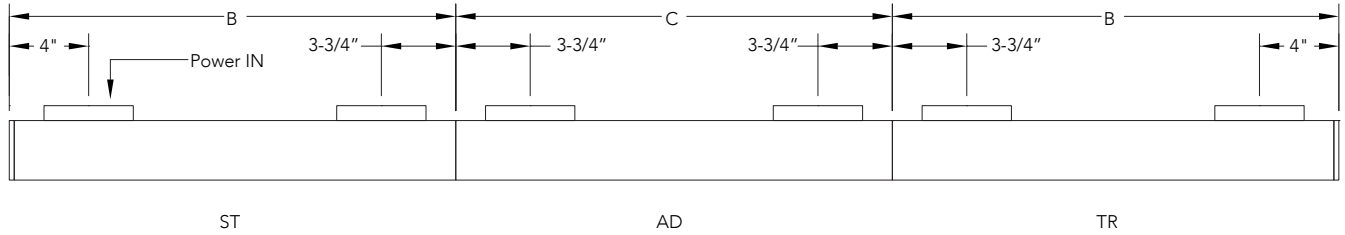
Plan - Wall Mount Single Fixture Option



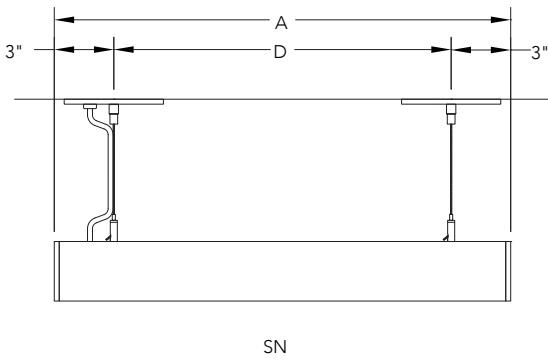
SN

RUN INFORMATION

Plan - Wall Mount Continuous Fixture Option



Side View - Cable Mount Single Fixture Option



Side View - Cable Mount Continuous Run Option

