BSS205 | bodhi

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

bartco
VISIONS BROUGHT TO LIGHT™

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 or 800 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_{70}.

Bartco Lighting Controls Capable fixture available with integrated controls from a variety of suppliers (FOR RECTANGULAR PROFILE ONLY).
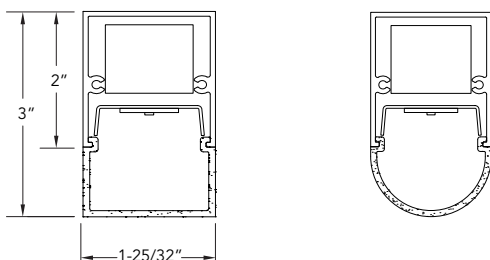
Limited five year warranty.

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

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

BSS205 -

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NOMINAL FIXTURE LENGTH*

2: 22-5/8"
3: 33-5/8"
4: 44-5/8"
5: 55-5/8"
6: 66-5/8"
7: 77-5/8"
8: 88-5/8"

* Actual dimension dependent on run configuration.
‡ See Integrated Controls section for driver compatibility information.

CORRELATED COLOR TEMPERATURE

27: 2700K-90+ CRI
30: 3000K-90+ CRI
35: 3500K-90+ CRI
40: 4000K-90+ CRI

DRIVER

ND: non-dimming

[Dimming]
D: 0-10V, 1%
DTR: triac, 1%, (120V ONLY)
DLV: electronic low voltage, 1%, (120V ONLY)
HES: Lutron EcoSystem, soft-on/fade-to-black, 1%
EL: eldoLED ECOdrive 0-10V, 1%
ES: eldoLED SOLOdrive 0-10V, 1%
ELD: eldoLED ECOdrive DALI, 1%
ESD: eldoLED SOLOdrive DALI, 0.1%

LIGHT OUTPUT
(lumens per foot)

L: low – 600
R: regular – 800
CF: consult factory for custom output

OPTIC

A: rectangular profile – solid end
B: rectangular profile – luminous end
C: rounded profile – solid end
D: rounded profile – luminous end

OPTIONS

ED: emergency driver (4' nom. non-dim or 0-10V only)
EN1: Enlighted FS-D22 ‡
ES4: Philips EasySense SNS211 MC ‡
CA1: Casambi CBU-A2D ‡
NL1: nLight RES7 ‡
NL2: nLight RIO ‡
LA1: Lutron Athena A-WN-D01-RF-WH ‡
LA2: Lutron Athena A-WN-D01-OCC-WH ‡

MOUNT

SM: surface mount
WD: wall mount - direct
WI: wall mount - indirect
C4: cable mount 4' cable length
C8: cable mount 8' cable length
CF: consult factory for custom mounting

RUN CONFIGURATION

SN: single
ST: starter
AD: adder
TR: terminator

FINISH

AW: architectural white (semi-matte)
WH: white (semi-gloss)
BL: black (semi-matte)
MB: matte black
ESS: environmental satin silver
BZ: bronze
PR: primer
CF: consult factory for custom finish

SA: satin anodize (may require additional lead time)

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

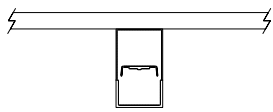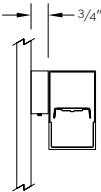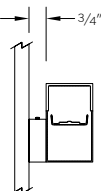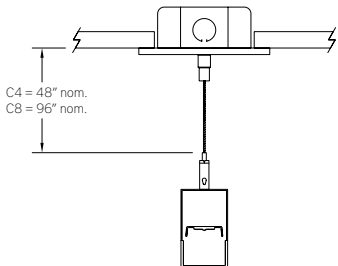| ORDERING CODE	DESCRIPTION	SPECIFICATIONS
ED	EMERGENCY LED DRIVER	• Universal 120-277V input voltage emergency driver delivers initial minimum power of 10W for 90 minutes. • Available for 4' nominal length non-dim or 0-10V fixture only (consult factory for all other lengths/drivers).

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
Enlighted	EN1	Set during commisioning	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 EasySense	ES4	Set during commisioning	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 commisioning	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 commisioning	RES7 [1]	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 [1]		Dimming, for use within an nLight AIR network.	
LUTRON	LA1	Set during commisioning	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 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: • 1-⁷⁄₈" H x 4-½" W aluminum bracket projects the fixture housing ¾" from the wall surface
	WI	**WALL MOUNT– INDIRECT ORIENTATION** Mounting option includes: • 1-⁷⁄₈" H x 4-½" W aluminum bracket projects the fixture housing ¾" from the wall surface
	C4 and C8	**CABLE MOUNT** Mounting option includes: • 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

3/4" (WD)

3/4" (WI)

C4 = 48" nom.
C8 = 96" nom.

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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

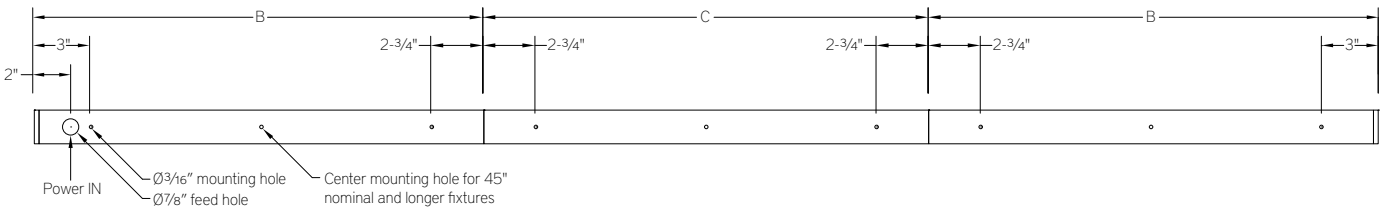| ORDERING CODE	DESCRIPTION
SN	Single
ST	Starter
AD	Adder
TR	Terminator

RUN INFORMATION

Back Plan - Surface Mount Single Fixture Option
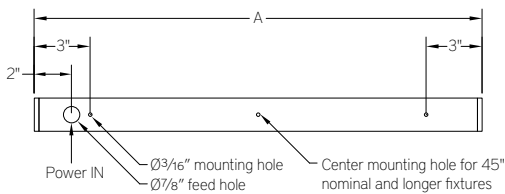
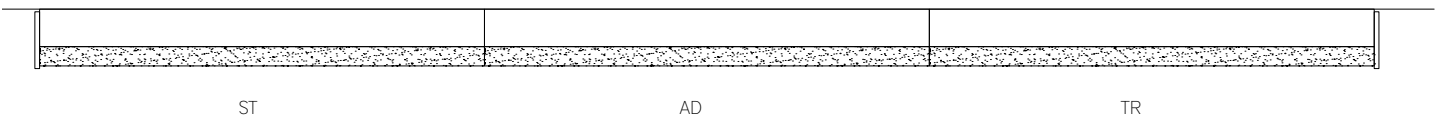Side View - Surface Mount Single Fixture Option

SN
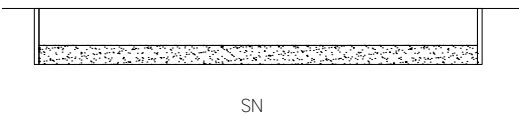
Back Plan - Surface Mount Continuous Run Option
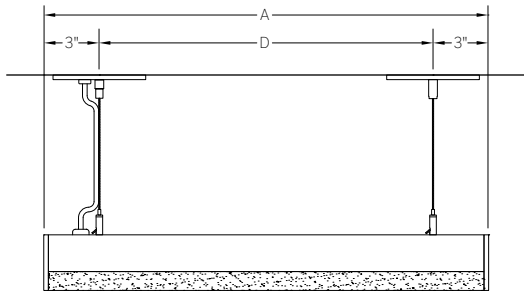
Side View - Surface Mount Continuous Run Option
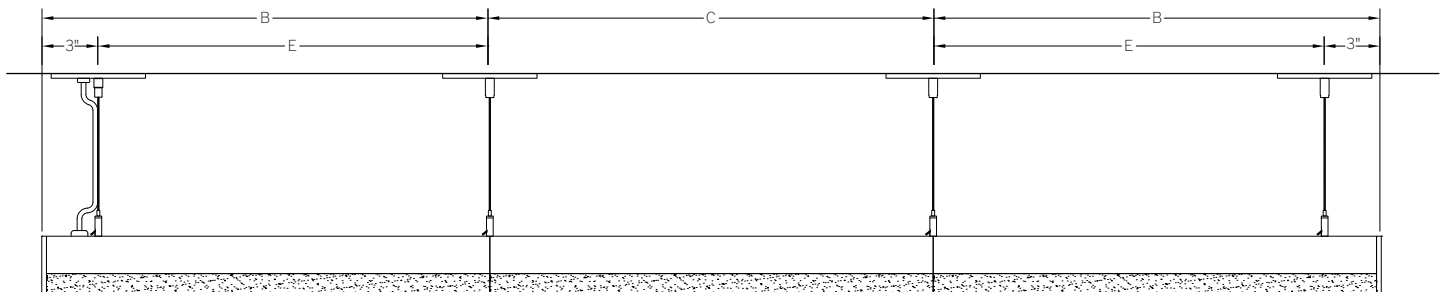
ST   AD   TR

RUN INFORMATION

Side View - Cable Mount Single Fixture Option

A

3" — D — 3"

SN

Side View - Cable Mount Continuous Run Option

B — C — B

3" — E — E — 3"

ST   AD   TR