BSS215 | bodhi

3-1/8" wide LED luminaire with drop lens

bartco
VISIONS BROUGHT TO LIGHT™

Project: _____ Type: _____

FEATURES

The BSS215 is a linear LED luminaire for general lighting applications. The 3-1/8" wide extruded aluminum housing is capped by a 2" tall, frosted, three-sided lens that produces a wide distribution of diffuse illumination. ¼" thick machined aluminum end caps finish off the fixture ends.

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 mounting 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, 840 or 1135 lumens per foot

LEDs available in 3000K, 3500K, 4000K, 5000K, within a 3 step MacAdam ellipse, all with 80+ CRI typical
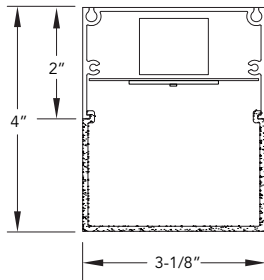
Life: 50,000 hours L$_{70}$

Passive infrared occupancy sensor available

Limited five year warranty

UL and C-UL listed for dry and damp locations

SECTION

2"
4"
3-1/8"

PERFORMANCE

NOMINAL LENGTH	OUTPUT	LUMENS/ft.	WATTS/ft.	LUMINAIRE LUMENS	EFFICACY (LPW)
4'	L: low	600	5.0	2177	117
	R: regular	840	7.8	3100	108
	H: high	1135	11.1	4189	102
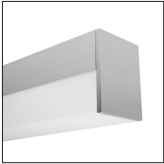
Note: All data reflects fixtures with 3500K LEDs and rectangular profile and solid ends

BSS215 -

___ - ___ - ___ - ___ - ___ - ___ - ___ - ___

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

CORRELATED COLOR TEMPERATURE
27: 2700K-80+ CRI
30: 3000K-80+ CRI
35: 3500K-80+ CRI
40: 4000K-80+ CRI

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

LENS
A: rectangular profile – solid end
B: rectangular profile – luminous end

LIGHT OUTPUT (lumens per foot)
L: low – 600
R: regular – 840
H: high – 1135
CF: consult factory for custom output

OPTIONS
ED: emergency driver (4' non-dim or 0-10V only)
S1A: occ sensor pos.1, 100%–0% ‡
S1B: occ sensor pos.1, 100%–50% ‡
S2A: occ sensor pos.2, 100%–0% ‡
S2B: occ sensor pos.2, 100%–50% ‡
S3A: occ sensor pos.3, 100%–0% ‡
S3B: occ sensor pos.3, 100%–50% ‡

MOUNT
SM: surface mount
WD: wall mount – direct
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)

* Actual dimension dependent on run configuration and sensor option.
‡ See options section for details.

LENS

	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

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) **Note: remote battery backup available for shorter fixture lengths - ordered separately, consult factory for details**
	OCCUPANCY SENSOR	• Passive infrared occupancy sensor with hold-off daylighting adjustment (10-120 foot candles) and time delay adjustment from 30 seconds to 30 minutes • Sensor adds 4" to overall fixture length • Consult factory for custom output
S1A	Occupancy sensor – position 1, 100% – 0%	Sensor located on the top at an end, with 100% – 0% light output setting
S1B	Occupancy sensor – position 1, 100% – 50%	Sensor located on the top at an end, with 100% – 50% light output setting

4"
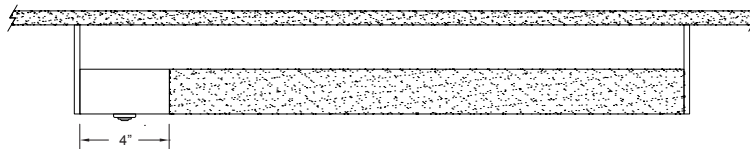
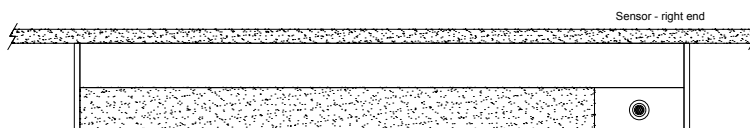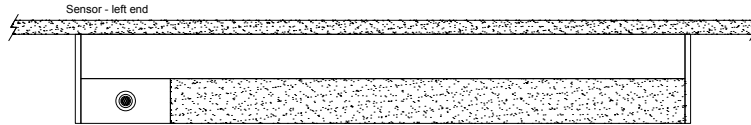| ORDERING CODE	DESCRIPTION	SPECIFICATIONS
S2A	Occupancy sensor – position 2, 100% – 0%	Sensor located on the side at the **right** end, with 100% – 0% light output setting
S2B	Occupancy sensor – position 2, 100% – 50%	Sensor located on the side at the **right** end, with 100% – 50% light output setting

Sensor - right end

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OPTIONS

ORDERING CODE	DESCRIPTION	SPECIFICATIONS
S3A	Occupancy sensor – position 3, 100% – 0%	Sensor located on the side at the **left** end, with 100% – 0% light output setting
S3B	Occupancy sensor – position 3, 100% – 50%	Sensor located on the side at the **left** end, with 100% – 50% light output setting

Sensor - left end

MOUNTING

	ORDERING CODE	DESCRIPTION
	SM	SURFACE MOUNT Use appropriate fastener through Ø3/16" holes in housing
3/4"	WD	WALL MOUNT – DIRECT ORIENTATION Mounting option includes: • 1-7/8" H x 2-1/2" W aluminum bracket projects the fixture housing 3/4" from the wall surface
C4 = 48" nom. C8 = 96" nom.	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

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LENGTH/MOUNTING DIMENSIONS

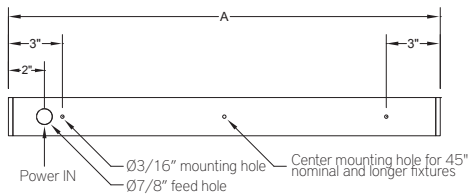| ORDERING CODE	LENGTH A*	LENGTH B*	LENGTH C*	LENGTH D*	LENGTH E*
2	22-3/4"	22-1/2"	22-1/4"	16-3/4"	19-1/2"
3	33-3/4"	33-1/2"	33-1/4"	27-3/4"	30-1/2"
4	44-3/4"	44-1/2"	44-1/4"	38-3/4"	41-1/2"
5	55-3/4"	55-1/2"	55-1/4"	49-3/4"	52-1/2"
6	66-3/4"	66-1/2"	66-1/4"	60-3/4"	63-1/2"
7	77-3/4"	77-1/2"	77-1/4"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

Note: Add 4" to dimension for any fixture using the S1, S2 or S3 occupancy sensor option
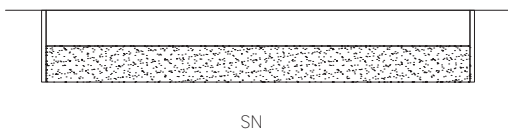
RUN CONFIGURATION INFORMATION

ORDERING CODE	DESCRIPTION
SN	Single
ST	Starter
AD	Adder
TR	Terminator

RUN INFORMATION

Back Plan - Surface Mount Single Fixture Option

A

3"
2"

Power IN
Ø3/16" mounting hole
Ø7/8" feed hole
Center mounting hole for 45"
nominal and longer fixtures

Side View - Surface Mount Single Fixture Option

SN

Back Plan - Surface Mount Continuous Run Option

B   C   B

3"
2"
2-3/4"   2-3/4"   2-3/4"   2-3/4"   3"

Power IN
Ø3/16" mounting hole
Ø7/8" feed hole
Center mounting hole for 45"
nominal and longer fixtures

Side View - Surface Mount Continuous Run Option

ST   AD   TR

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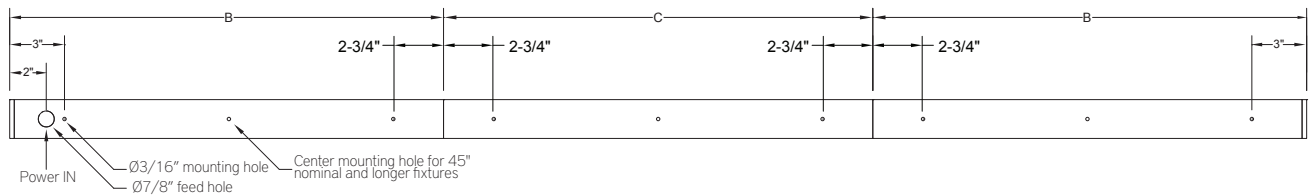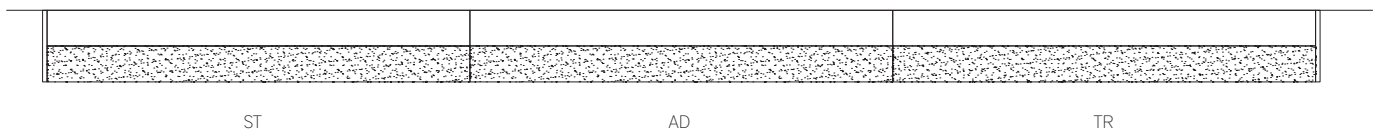
Side View- Cable Mount Single Fixture Option

A
3" | D | 3"
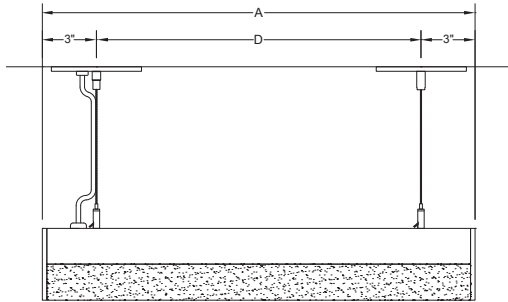
SN

Side View - Cable Mount Continuous Run Option

B | C | B
3" | E | | E | 3"

ST   AD   TR