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.

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
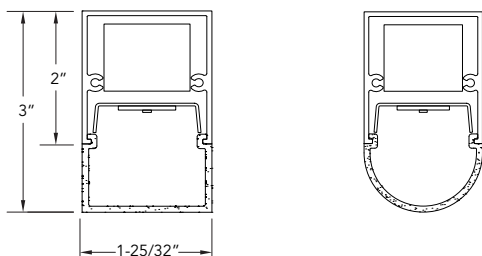
Life: 50,000 hours L_{70}

Passive infrared occupancy sensor available (FOR RECTANGULAR PROFILE ONLY)

Limited five year warranty

UL and C-UL listed for dry and damp locations

SECTION

2"
3"
1-25/32"

PERFORMANCE

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

*Note: All data reflects fixtures with 3500K LEDs and rectangular profile and solid ends

GET A QUOTE >

BSS205 -

_ - _ - _ - _ - _ - _ - _ - _

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"

CORRELATED COLOR TEMPERATURE

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

DRIVER

ND: non-dimming

[Dimming]
DM: 0-10V, 1%
HES: Lutron EcoSystem, soft-on/fade-to-black, 1%
H2: Lutron Hi-lume 2-wire forward phase, 1%, (120V ONLY)
E5: Lutron EcoSystem 5-Series, 5%
EL: eldoLED ECOdrive 0-10V, 1%

LENS

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

LIGHT OUTPUT
(lumens per foot)

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

OPTIONS

S1: occ sensor pos.1 (see options section)
ED: emergency driver (4' nom. non-dim or 0-10V only)

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)

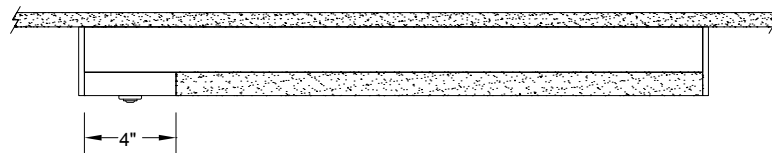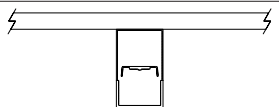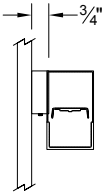* Actual dimension dependent on run configuration and sensor option

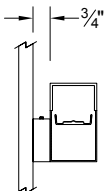# BSS205 | bodhi

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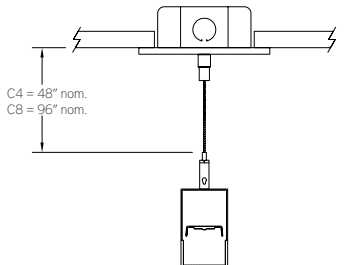
LENS

	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
	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
	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 AVAILABLE FOR RECTANGULAR PROFILE ONLY Sensor adds 4" to overall fixture length
S1	OCCUPANCY SENSOR - POSITION 1	Sensor located on the top at an end

4"

BSS205 | bodhi

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

bartco
VISIONS BROUGHT TO LIGHT™

	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 2-1/2" W aluminum bracket projects the fixture housing 3/4" from the wall surface
	WI	**WALL MOUNT – INDIRECT 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 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

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

BSS205 | bodhi

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

b a r t c o
VISIONS BROUGHT TO LIGHT™

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"

* Add 4" to dimension for any fixture using the S1 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
3"

Side View - Surface Mount Single Fixture Option

SN

Back Plan - Surface Mount Continuous Run Option

B
3"
2"
Power IN
Ø3/16" mounting hole
Ø7/8" feed hole
Center mounting hole for 45" nominal and longer fixtures
2-3/4"
2-3/4"
C
2-3/4"
2-3/4"
B
3"

Side View - Surface Mount Continuous Run Option

ST
AD
TR
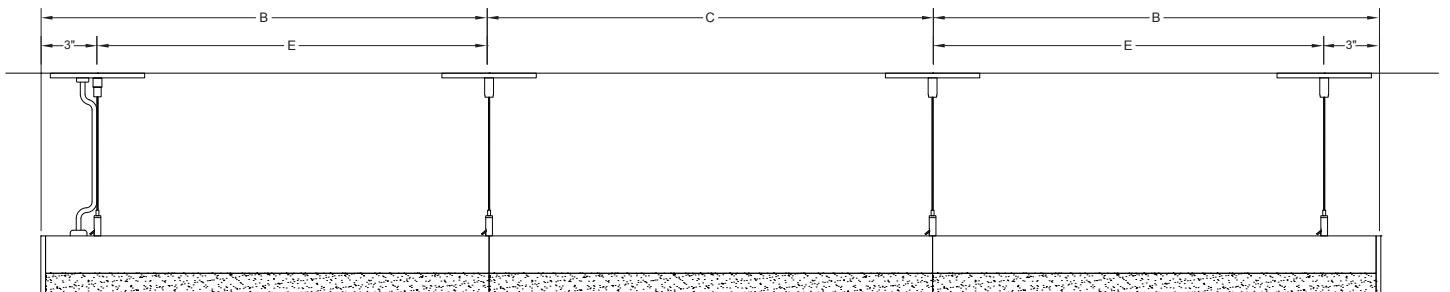
RUN INFORMATION

Side View - Cable Mount Single Fixture Option

A

3"
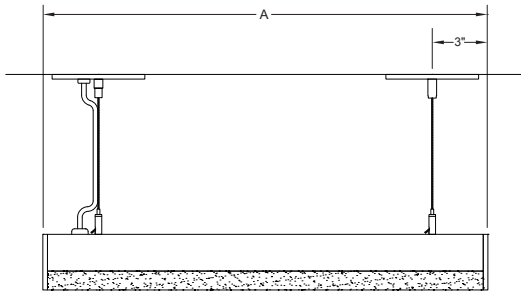
SN

Side View - Cable Mount Continuous Run Option

B   C   B

3"   E   E   3"

ST   AD   TR