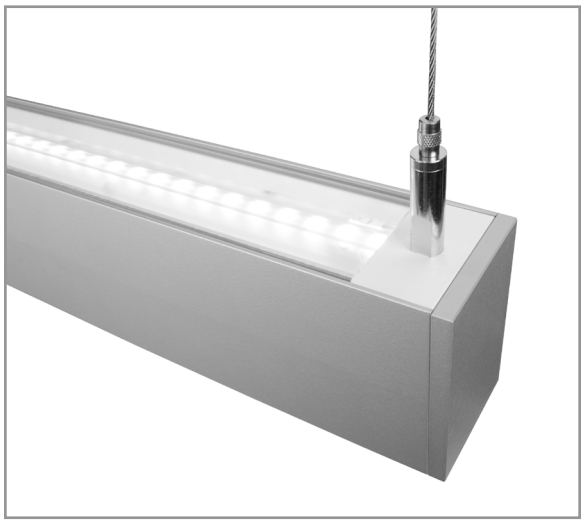
BSS235 | bodhi

2" wide indirect LED luminaire

bartco
VISIONS BROUGHT TO LIGHT™

Project: _____ Type: _____



FEATURES

The BSS235 is an indirect linear LED luminaire for general lighting applications. The 2" wide by 3" tall extrusion is capped with machined aluminum end caps and available with Lambertian or batwing light distributions. A variety of dimming drivers, light outputs and finishes add further versatility of this clean design luminaire. The BSS235 is Controls Capable, being offered with a variety of integrated control options.

SPECIFICATIONS

Fixture constructed of extruded aluminum, extruded acrylic lens and machined aluminum end caps.

Lambertian and batwing light distributions available.

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 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 light outputs range from 465–970 lumens per foot depending on the optic option.

LEDs available in 2700K, 3000K, 3500K and 4000K, within a 3 step MacAdam ellipse, all with 90+ CRI typical.

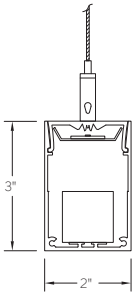
Life: 50,000 hours L_{70}.

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

Limited five year warranty.

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

SECTION



Shown with batwing optic option

PERFORMANCE

Note: All data reflects fixture with 3500K LEDs.

NOMINAL LENGTH	OPTIC OPTION	OUTPUT	LUMENS/ft.	WATTS/ft.	LUMINAIRE LUMENS	EFFICACY (LPW)
4'	Lambertian	L: low	465	5.0	1738	93
		R: regular	600	7.2	2257	84
		H: high	780	10.1	2966	79
	Batwing	L: low	570	5.7	2112	100
		R: regular	740	7.9	2743	94
		H: high	970	10.9	3604	89

BSS235 -

____ - ____ - ____ - ____ - ____ - ____ - ____ - ____ - ____

NOMINAL FIXTURE LENGTH*

2: 24-1/2"
3: 35-1/2"
4: 46-1/2"
5: 57-1/2"
6: 68-1/2"
7: 79-1/2"
8: 90-1/2"

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, 0.1%

ELD: eldoLED ECOdrive DALI, 1%

ESD: eldoLED SOLOdrive DALI, 0.1%

LIGHT OUTPUT (lumens per foot w/ optic option 2)

L: low – 570

R: regular – 740

H: high – 970

CF: consult factory for custom output

OPTIC

1: Lambertian distribution

2: batwing distribution

MOUNT

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

OPTIONS

ED: emergency driver (4' nom. non-dim or 0-10V only)

WS1A: Wattstopper FS-205, 100%-0% ‡

WS1B: Wattstopper FS-205, 100%-50% ‡

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 ‡

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.

‡ See Integrated Controls section for driver compatibility information.

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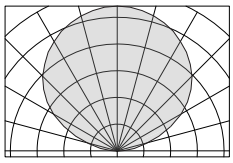
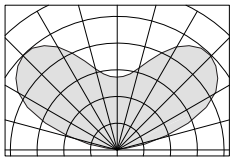
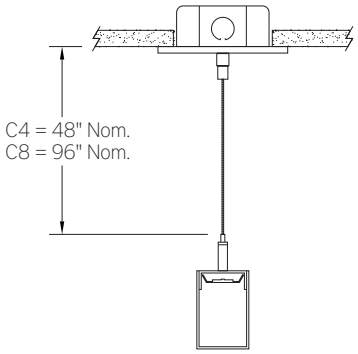
OPTIC

	ORDERING CODE	DESCRIPTION	SPECIFICATIONS
	1	LAMBERTIAN DISTRIBUTION	Lightly frosted extruded acrylic lens for Lambertian distribution
	2	BATWING DISTRIBUTION	Clear extruded acrylic with wide distribution optic features

MOUNTING

	ORDERING CODE	DESCRIPTION
	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

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' or 8' nominal length non-dim or 0-10V fixture (consult factory for all other lengths/drivers). • Indicator lamp/test switch located on the underside at an end.

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OPTIONS – INTEGRATED CONTROLS

Note: For 3' and longer fixtures. All controls located on the housing underside at an end.

Controls Capable

	ORDERING CODE	LIGHT OUTPUT SETTING	MODEL	CONTROL PROTOCOL	FUNCTIONS	COMPATIBLE DRIVERS
legrand® 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]				
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 [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 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 factory for custom light output setting.
2. Consult your Acuity representative for application-specific model number.

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LENGTH/MOUNTING DIMENSIONS

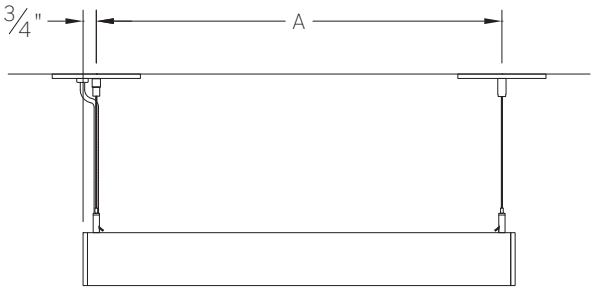
ORDERING CODE	LENGTH A	LENGTH B	LENGTH C
2	23"	23-½"	24"
3	34"	34-½"	35"
4	45"	45-½"	46"
5	56"	56-½"	57"
6	67"	67-½"	68"
7	78"	78-½"	79"
8	89"	89-½"	90"

RUN CONFIGURATION INFORMATION

ORDERING CODE	DESCRIPTION
SN	Single
ST	Starter
AD	Adder
TR	Terminator

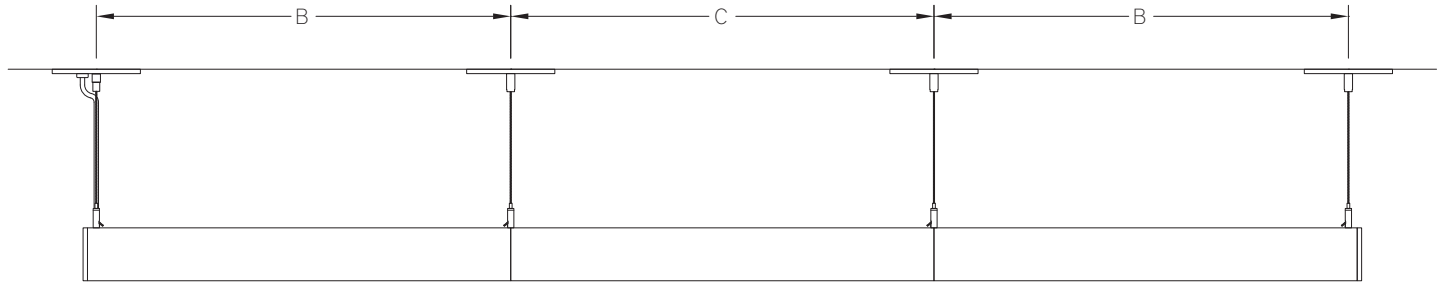
RUN INFORMATION

Side View - Single Fixture



SN

Side View - Continuous Run



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