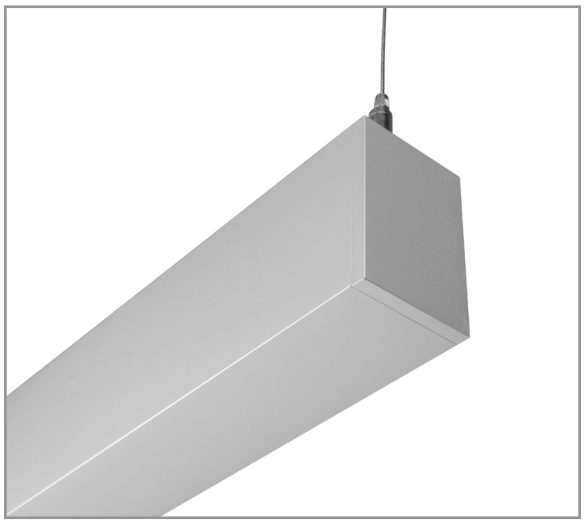
BSS235 | bodhi

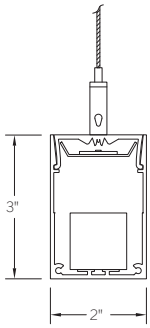
2" wide indirect LED luminaire

bartco
VISIONS BROUGHT TO LIGHT™

Project: _____ Type: _____



SECTION



Shown with batwing optic option

PERFORMANCE

NOMINAL LENGTH	OUTPUT	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

Note: All data reflects fixture with 3500K LEDs

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 in two lighting distributions. A variety of dimming drivers, light outputs and finishes add further versatility of this clean design luminaire.

SPECIFICATIONS

Fixture constructed of extruded aluminum, frosted 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

Lamp life rated at 50,000 hours

Available with several sensor options

Life: 50,000 hours L_{70}

Limited five year warranty

UL and C-UL listed for dry and damp locations

CERTIFIED

Made in USA

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]

DM: 0-10V, 1%

HES: Lutron EcoSystem, soft-on fade-to-black, 1%

H2: Lutron Hi-lume 2-wire foward phase, 1%, (120V ONLY)

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: general 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' or 8' non-dim or 0-10V only)

WS1A: Wattstopper FS-205, 100%-0% ‡

WS1B: Wattstopper FS-205, 100%-50% ‡

EN1: Enlighted FS-D22 ‡

ES1A: EasySense SNS102, 100%-0% ‡

ES1B: EasySense SNS102, 100%-50% ‡

ES2A: EasySense SNS200, 100%-0% ‡

ES2B: EasySense SNS200, 100%-50% ‡

ES3A: EasySense SNS300, 100%-0% ‡

ES3B: EasySense SNS300, 100%-50% ‡

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 options section for details

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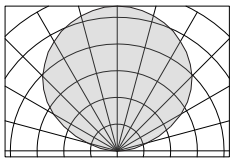
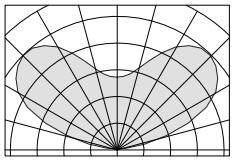
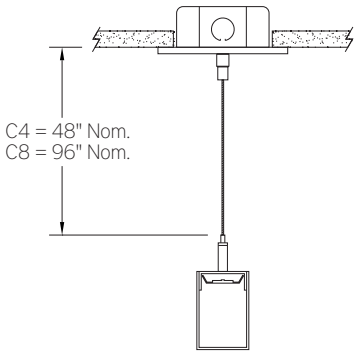
INDIRECT OPTIC OPTION

	ORDERING CODE	DESCRIPTION	SPECIFICATIONS
	1	LAMBERTIAN DISTRIBUTION	Lightly frosted extruded acrylic lens for general 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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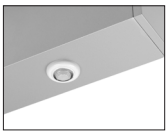
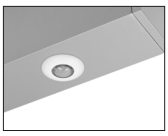
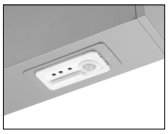
INTEGRATED SENSORS

Note: For 4' nominal and longer fixture. All sensors located on the fixture underside at an end.
Consult factory for custom light output setting

	ORDERING CODE	LIGHT OUTPUT SETTING	BRAND AND MODEL	FUNCTIONS	NOTES
	WS1A WS1B	100% – 0% 100% – 50%	Wattstopper FS-205	Occupancy and light level sensor	For use with on/off or 0-10V dimming drivers only
	EN1	Set during commissioning	Enlighted FS-D22	Occupancy, ambient light sensing, daylight harvesting, and environment monitoring for Enlighted control network	Provided with Advance sensor ready series 0-10V dimming drivers
	ES1A ES1B	100% – 0% 100% – 50%	Philips EasySense SNS102	Occupancy, daylight harvesting and task tuning sensor with simple grouping	Provided with Advance sensor ready series 0-10V dimming drivers
	ES2A ES2B	100% – 0% 100% – 50%	Philips EasySense SNS200	Occupancy, daylight harvesting and task tuning sensor with advance grouping	Provided with Advance sensor ready series 0-10V dimming drivers
	ES3A ES3B	100% – 0% 100% – 50%	Philips EasySense SNS300	Occupancy, daylight harvesting sensor for integration with Zigbee control networks	Provided with Advance sensor ready series 0-10V dimming drivers

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LENGTH/MOUNTING DIMENSIONS

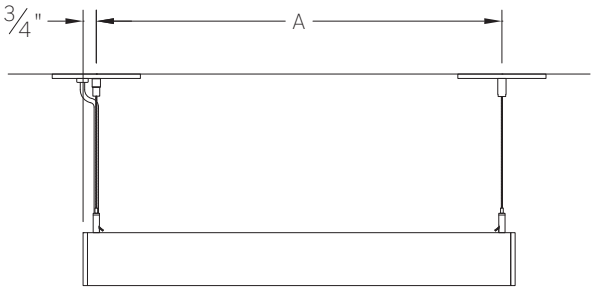
ORDERING CODE	LENGTH A	LENGTH B	LENGTH C
2	23"	23-1/2	24"
3	34"	34-1/2"	35"
4	45"	45-1/2"	46"
5	56"	56-1/2"	57"
6	67"	67-1/2"	68"
7	78"	78-1/2"	79"
8	89"	89-1/2"	90"

RUN CONFIGURATION INFORMATION

ORDERING CODE	DESCRIPTION
SN	Single
ST	Starter
AD	Adder
TR	Terminator

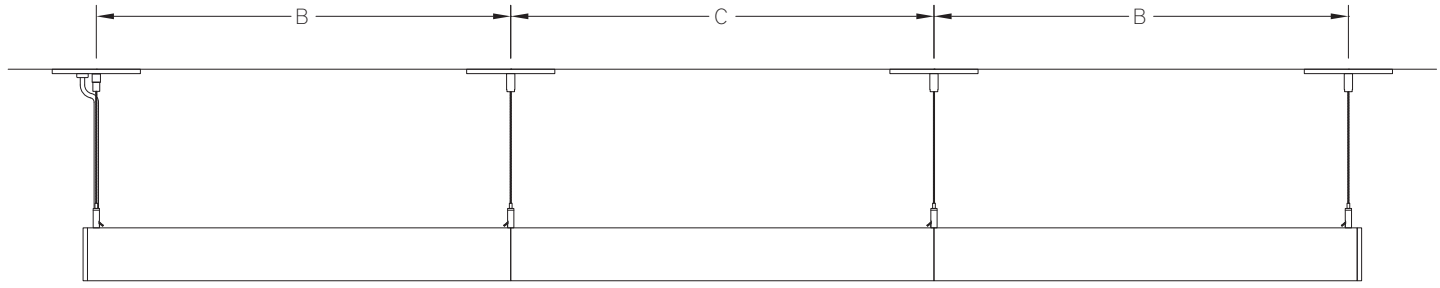
RUN INFORMATION

Side View - Single Fixture



SN

Side View - Continuous Run



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