



WALL BRACKET



ORDERING INFO SYSTEM DATA DRIVER SENSORS PHOTOMETRICS

INTERACTIVE BUTTONS

BSW 100 SERIES

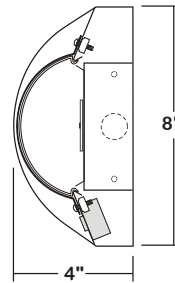
OCCUPANCY SENSOR CONTROLLED STAIRWELL WALL BRACKET LUMINAIRE

JOB	
TYPE	
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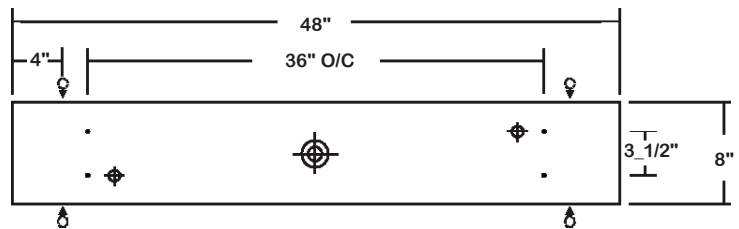
WWW.LALIGHTING.COM
626-454-8300

WALL MOUNTED LED LUMINAIRE

DIMENSIONS



- ✦ 3/8" K.O.
- ✦ 7/8" OFFSET K.O.
- ✦ 2" K.O.
- 7/8" K.O. ON SIDE OF HOUSING FOR 1/2" CONDUIT



APPLICATIONS

- Stairwell, Wall Mount Areas, Commercial

FEATURES

- ADA Compliant
- 0-10V dimming driver standard
- Supports California Title 24 compliance

OPTIONS

- Full customization available upon request
- Additional lumen packages and color temperatures available
- Wireless control options available
- Custom colors available
- Emergency battery pack available
- Lens retainer with tamper proof screws available

SPECIFICATIONS

CONSTRUCTION

- 22 ga. cold rolled steel welded housing

FINISH

- Baked white powder coated finish / painted after fabrication / minimum reflectance 90%

OPTICAL

- Frosted radial lens to maximize lumen output while cutting glare

ELECTRICAL

- High efficiency drivers coupled with long-life LEDs
- Service life tested at 50,000 hours (L70)
- Universal voltage 120V through 277V (347V / 480V available)
- Power Factor (PF) ≥ 0.9

LISTING

- UL USA and Canada classified / suitable for damp locations

WARRANTY

- 5-year limited warranty, 10-year limited warranty available



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ADA COMPLIANT

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WARNING

BSW100 SERIES OCCUPANCY SENSOR CONTROLLED STAIRWELL WALL BRACKET LUMINAIRE LED WALL BRACKET

ORDERING INFORMATION

EXAMPLE: BSW100-4-4L-TP-MSU-BPL1.5-DRDM-UNV-1/840

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SERIES	LED LUMEN PACKAGE	EFFICACY	NOMINAL LENGTH	MECHANICAL	SENSOR CONFIGURATION	ELECTRICAL	DRIVER	VOLTAGE	# OF LED ROW	CRI / CCT
BSW100			4L				DRDM	UNV	1	
BSW100 Occupancy Sensor Controlled Stairwell Wall Bracket LED Luminaire	2 Nom. 2000 Lumens 4 Nom. 4000 Lumens 6 Nom. 6000 Lumens *Additional Lumen Packages Available	(Blank) Standard HE High Efficacy	4L 4'	TP Lens Retainer with Tamper Proof Screws (Hex Socket with Pad) *Leave Blank if Not Specified <i>Additional Mechanical Options</i>	MSUxxx Motion Sensor Ultrasonic	BPL1.5 Emergency Battery Pack, Constant 10W Nom. 1500 lm WLC(LED RU) EnOcean Wireless Control *Leave Blank if Not Specified <i>Additional Electrical Options</i>	DRDM 0-10V Dimming Driver	UNV 120V-277V	1 One LED Row	830 80+CRI / 3000K Color Temp. 835 80+CRI / 3500K Color Temp. 840 80+CRI / 4000K Color Temp. 850 80+CRI / 5000K Color Temp. 8TW Tunable White 827 to 865 *Additional Color Temp. Available

[MECHANICAL OPTIONS](#)
 [ELECTRICAL OPTIONS](#)
 [DRIVERS OPTIONS](#)
 [SENSOR OPTIONS](#)
 INTERACTIVE BUTTONS

SYSTEM DATA

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THESE ARE THE MOST POPULAR LUMEN PACKAGES. PLEASE CONSULT FACTORY FOR ADDITIONAL SYSTEM DATA.

LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
2000 Lumens (Nominal)	BSW100-2-4L-DRDM-UNV-1/840	2042 lm	15.7 W	129.9 lm/W	-20°C / 35°C	1-F32T8	*
4000 Lumens (Nominal)	BSW100-4-4L-DRDM-UNV-1/840	3901 lm	33.1 W	117.7 lm/W	-20°C / 35°C	2-F32T8, 1-F54T5HO	LA-T3358
6000 Lumens (Nominal)	BSW100-6-4L-DRDM-UNV-1/840	5576 lm	52.3 W	106.6 lm/W	-20°C / 35°C	3-F32T8	*

LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE (HIGH EFFICACY) PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
2000 Lumens (Nominal)	BSW100-2HE-4L-DRDM-UNV-1/840	2049 lm	12.6 W	163.2 lm/W	-20°C / 35°C	1-F32T8	*
4000 Lumens (Nominal)	BSW100-4HE-4L-DRDM-UNV-1/840	3642 lm	23.2 W	157.1 lm/W	-20°C / 35°C	2-F32T8, 1-F54T5HO	*
6000 Lumens (Nominal)	BSW100-6HE-4L-DRDM-UNV-1/840	5502 lm	36.8 W	149.5 lm/W	-20°C / 35°C	3-F32T8	*

NOTE:
 System data is based on 120V input voltage. Actual performance may differ as a result of end-user environment and application.
 This fixture has been tested and listed in accordance with UL Standards. L.A. Lighting certifies that it will operate safely when installed properly, and within an ambient temperature range noted in the system data table.
 Additional lumen packages and color temperatures available.

CUSTOM COLORS



BLK - Matte Black

CS - Camaro Silver

BZ - Statuary Bronze

Variety of RAL colors & Axalta/DuPont colors available upon request.



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SENSOR OPTIONS

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CONTROLS AND SENSORS

WLC(LED RU) - EnOcean® LED Relay Zone Controller

- Supports a single LED fixture or multiple daisy chained LED fixtures
- Module installed inside lighting fixture

ESRPU-W-EO - EnOcean® Rocker Switch – Single – Surface Mount

- Wireless single rocker switch with mounting plate
- No batteries needed

EDRPU-W-EO - EnOcean® Rocker Switch – Double – Surface Mount

- Wireless double rocker switch with mounting plate
- No batteries needed

S3054-N300 - EnOcean® Navigan NWC 300U – Commissioning Tool

- Navigan Wireless Commissioner is used to configure EnOcean controllers & sensors
- It can be used to define link tables, change parameters/settings, and to edit & store projects
- Configuration settings can be saved and cloned to enable quick configuration
- Connectivity is through the NWC 300U USB Stick

EOSWU-W-EO - EnOcean® Occupancy Sensor – Wall Mount

- Wireless wall mounted occupancy sensor
- Solar powered - no batteries needed (coin battery operated in low light conditions)
- PIR motion sensor with both wide angle (50') and long range (100') options
- Mounting height: 6-8 feet

EOSCU-W-EO - EnOcean® Occupancy Sensor – Ceiling Mount

- Wireless ceiling mounted occupancy sensor
- Solar powered - no batteries needed (coin battery operated in low light conditions)
- PIR motion sensor with 360 degree viewing angle lens (34' diameter)
- Mounting height: 7-10 feet

ELLSU-W-EO - EnOcean® Light Level Sensor – Ceiling Mount

- Light Level sensor that measures and reports the level of available natural light
- Solar powered - no batteries needed (coin battery operated in low light conditions)
- Enables implementation of daylight harvesting control systems
- Mounting position: At the ceiling, close to ambient light source

MOTION SENSOR OPTIONS

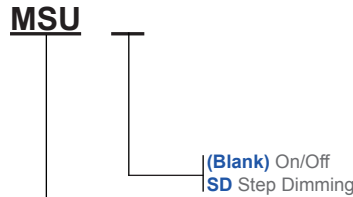
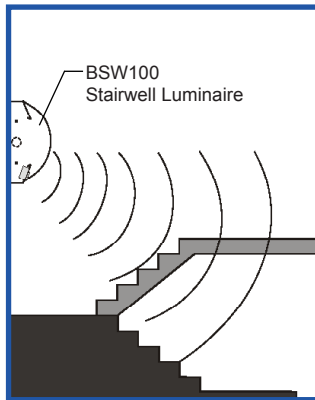
MSU - Motion Sensor Ultrasonic

- Turns light ON/OFF based on motion detection
- Holds light ON at 100% for 10 minutes, after 10 minutes with no motion, light will turn OFF
- Universal Voltage (120V-277V)

MSUSD - Motion Sensor Ultrasonic – Step Dimming

- Full ON when motion is detected
- Holds light ON at 100% for 10 minutes
- After 10 minutes with no motion, light will dim down to 25% until motion is detected again
- Universal Voltage (120V-277V)

SENSOR CONFIGURATION



MSU Motion Sensor Ultrasonic

- Ultrasonic occupancy sensor for wall mount applications
- Sensor mounted at 20° from vertical for optimum sensor performance
- 24' diameter coverage at 8' mounting height
- "Time delay adjustable 1 min, 5 min and 20 min."



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DRIVER OPTIONS

BATTERY PACK OPTIONS

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PLEASE CONSULT FACTORY TO SEE IF YOUR SELECTED DRIVER OPTION WORKS WITH THIS FIXTURE.

PLEASE CONSULT FACTORY TO SEE IF YOUR SELECTED BATTERY PACK OPTION WORKS WITH THIS FIXTURE.

LED EMERGENCY BATTERY PACKS
(Operate for 90 minutes unless otherwise specified)

DRDM () UNV

VOLTAGE

- 120V 120 Volt
- 277V 277 Volt
- UNV Universal 120-277 Volt *
- 347V 347 Volt
- 480V 480 Volt

TY

TY 10-Years Limited Warranty

DRIVER TYPE

- DRDM 0-10V Dimming Driver *
- DRDM1 0-10V Dimming Driver, 1% Dimming
- DRDM2C 2-Channel 0-10V Dimming Driver (for Color Tunable White)
- DR2W 2-Wire Phase Dimming Driver
- DRDA Digital Addressable DALI Dimming Driver
- DRDA2C Digit Digital Addressable DALI Type8 2-Channel Driver (for Color Tunable White)
- DRDA2.0 Digital Addressable DALI 2.0 Dimming Driver
- DRDA2.02C Digital Addressable DALI 2.0 Type8 2-Channel Driver (for Color Tunable White)
- DRSD Step Dimming Driver
- DR(LTEA2W) Lutron® 2-Wire 1% Dimming Driver (120V Forward Phase only)
- DR(LDE1) Lutron® EcoSystem 1% Soft-On, Fade-to-Black™ Dimming Driver
- DR(LDE5) Lutron® EcoSystem 5% Dimming Driver
- DR(PEQ0E) Lutron® EcoSystem 0.1% Soft-On, Fade-to-Black Dimming Driver
- DR(PSQ020) Lutron® T-Series Digital 1% Dimming 2-Channel Driver (for Color Tunable White)
- DRCR Control Ready Driver
- DRCR(DXL) Osram Dexal Driver
- DRCR(SR) Philips Sensor Ready Driver

BPL (2H)

NOTE

2H 2 hours

LUMEN PACKAGE

- 0.7 Nominal 750 Lumens
 - 1.5 Nominal 1500 Lumens *
 - 3.0 Nominal 3000 Lumens
- *Additional lumen packages available

TYPE

- (Blank) Normal Ambient Temp. / Standard Operation
- C Cold Environment (-20°C)
- F With Flex for Remote Mounting
- SL Slim Casing
- ST Self Test / Diagnostic

* Normal Stock Item



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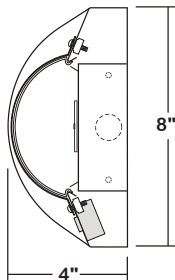
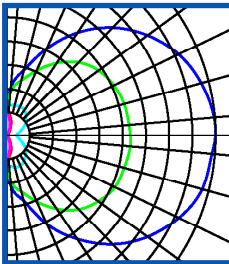
WARNING

PHOTOMETRIC DATA - BSW100 SERIES

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BSW100-4-4L-DRDM-UNV-1/840

TEST NO. = LA-T3358
 LED TYPE = 48 LED MODULE
 NO. OF MODULE = 2
 SYSTEM WATT (W) = 33.1
 CRI ≥ 80
 L70(Hrs.) ≥ 50,000
 PHOTOMETRY TYPE = C



CANDLEPOWER

ANGLE	END	45	CROSS
0	181	181	181
5	291	258	175
15	385	330	185
25	555	415	189
35	716	507	177
45	871	593	158
55	1001	651	136
65	1105	695	103
75	1177	707	75
85	1198	722	59
90	1215	720	56
95	1211	715	58
105	1172	707	75
115	1104	688	104
125	1000	563	136
135	873	594	159
145	719	507	181
155	549	413	185
165	391	330	181
175	281	254	175
180	173	173	173

ZONAL LUMEN SUMMARY

DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	188	4	5
0-40	357	8	9
0-60	877	20	22
0-90	1952	46	50
90-120	1072	25	27
90-150	1762	41	45
90-180	1949	46	50
0-180	3901	91	100

Luminaire Output= 3901 lumens
 Luminaire Efficacy = 117.9 lm/W

SPACING CRITERION

ALONG	ACROSS
5.08	1.79

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