WALL BRACKET `LED`
BSW100 SERIES
OCCUPANCY SENSOR CONTROLLED STAIRWELL WALL BRACKET LUMINAIRE
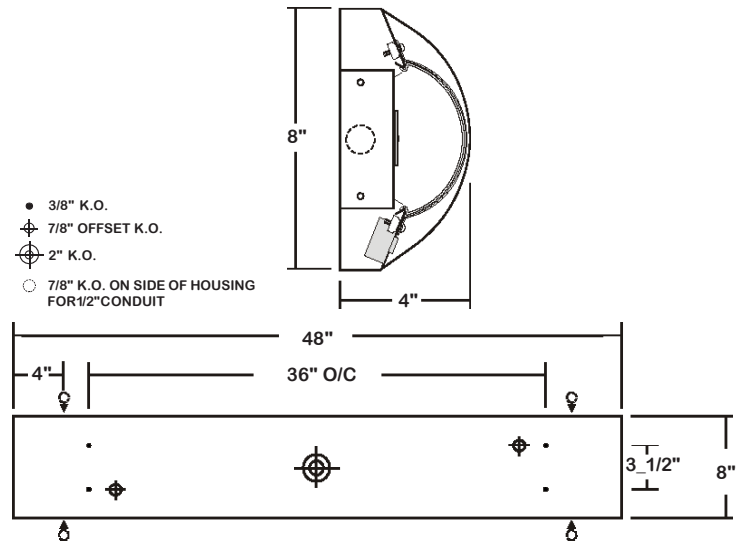
LA LIGHTING

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

8"
4"
48"
4"
36" O/C
3_1/2"
8"

APPLICATIONS

• Stairwell, Corridors, Restroom

FEATURES

• Wall Mounted LED luminaire
• ADA Compliant
• 0-10V dimming driver standard *(See DRIVER OPTIONS for other dimming types)*
• Suitable for damp locations
• Supports California Title 24 compliance

OPTIONS

• Full customization available upon request
• Additional lumen packages and color temperatures available
• Controls and sensors available (consult factory for sensor options)
• Wireless control options available *(See SENSOR OPTIONS for wireless controls)*
• Emergency battery pack available *(See BATTERY PACK OPTIONS for battery pack options)*
• Custom colors available *(See CUSTOM COLORS For standard and custom options)*
• Tunable white available (2700K-6500K)
• Lens retainer with tamper proof screws available
• Switch available (consult factory for sensor options)

SPECIFICATIONS

CONSTRUCTION
• 20 ga. cold rolled steel welded housing
FINISH
• Baked white powder coated finish / welded and painted after fabrication / minimum reflectance 90%
OPTICAL
• Frosted white acrylic lens smooth finish (snap-in lens)
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
• Total Harmonic Distortion (THD) ≤ 20%
LISTING
• UL USA and Canada listed / suitable for damp locations
WARRANTY
• 5-year limited warranty standard, 10-year limited warranty available.

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

SERIES	LED LUMEN PACKAGE	EFFICACY	NOMINAL LENGTH	MECHANICAL	CONTROL OPTIONS	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 **8** Nom. 8000 Lumens **12** Nom. 12000 Lumens *Additional Lumen Packages Available*	**(Blank)** Standard **HE** High Efficacy (Only 2000 / 4000 / 6000 lumens Systems)	**4L** 4'	**(Blank)** Standard **TP** Lens Retainer with Tamper Proof Screws (Hex Socket with Pad) *Leave Blank if Not Specified* *Additional Mechanical Options*	**MSU** Motion Sensor Ultrasonic **MSUSD** Motion Sensor Ultrasonic – Step Dimming **MSUSDO** Motion Sensor Ultrasonic – Step Dimming-to-Off **XX** No Motion Sensor *See SENSOR CONFIGURATION for Options*	**BPL 1.5** Emergency Battery Pack, Nom. 1500 lm *See BATTERY PACK OPTIONS for Options* **WLC(LEDRU)** EnOcean Wireless Control *See SENSOR OPTIONS for Options* *Leave Blank if Not Specified* *Additional Electrical Options*	**DRDM** 0-10V Dimming Driver *See DRIVER OPTIONS for Options*	**UNV** 120V-277V *See DRIVER OPTIONS for Options*	**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*

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-MSU-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-MSU-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-MSU-DRDM-UNV-1/840	5576 lm	52.3 W	106.6 lm/W	-20°C / 35°C	3-F32T8	*
8000 Lumens (Nominal)	BSW100-8-4L-MSU-DRDM-UNV-1/840	*	*	*	-20°C / 35°C	*	*
12000 Lumens (Nominal)	BSW100-12-4L-MSU-DRDM-UNV-1/840	*	*	*	-20°C / 35°C	*	*

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-MSU-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-MSU-DRDM-UNV-1/840	3642 lm	23.2 W	157.1 lm/W	-20°C / 35°C	2-F32T8, 1-F54T5HO	LA-T3358
6000 Lumens (Nominal)	BSW100-6HE-4L-MSU-DRDM-UNV-1/840	5502 lm	36.8 W	149.5 lm/W	-20°C / 35°C	3-F32T8	*

NOTE:
System data above 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 from -20°C to 40°C.

Additional lumen packages and color temperatures available.

CUSTOM COLORS

BLK - Matte Black   **CS - Camaro Silver**   **BZ - Statuary Bronze**

Variety of RAL colors

c(UL)us   RoHS COMPLIANT   Tunable White   ADA COMPLIANT

MADE IN THE U.S.A.
Revised 03/25/20
WARNING

DRIVER OPTIONS

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

DRDM – UNV

* Normal Stock Item

VOLTAGE

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

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 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(PEQ0) Lutron® EcoSystem 0.1% Soft-On, Fade-to-Black Dimming Driver
DR(PSQ0) 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

BATTERY PACK OPTIONS

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)

BPL

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
*Additional options available

SENSOR OPTIONS

MOTION SENSOR OPTIONS

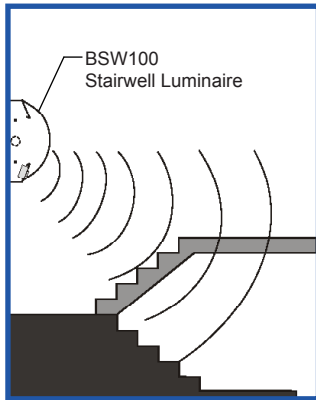**MSU - Motion Sensor Ultrasonic**
• Turns light ON/OFF based on motion detection
• Holds light ON at 100% for 10 minutes, after 10 minutes with no motion,
• light will turn OFF
• Universal Voltage (120V-277V)
• Ultrasonic occupancy sensor for wall mount applications
• Sensor mounted at 20° from vertical for optimum sensor performance
• 24' diameter coverage at 8' mounting height
• Time delay 1 adjustable 5 seconds to 30 minutes
• Time delay 2 adjustable 10 seconds to ∞

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)

MSUSDO - Motion Sensor Ultrasonic – Step Dimming-to-Off
• Full ON when motion is detected
• Holds light ON at 100% for 15 minutes
• After 15 minutes with no motion, light will dim down to 25% for 45 minutes
  and then OFF, until motion is detected again
• Universal Voltage (120V-277V)

BSW100
Stairwell Luminaire

WIRELESS MOTION SENSOR OPTIONS

enocean   CONTROLS AND SENSORS

WLC(LEDRU) - 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

Tunable White   ADA COMPLIANT

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Revised 03/25/20
WARNING