



# WRAPAROUND

## BSW100 SERIES



# Sensor Controlled Stairwell Luminaire



Lens Retainer &  
Tamper Proof Screws Optional.

- Sensor Controlled Stairwell Luminaire
- Ultrasonic Occupancy Sensor for Vertical Wall Mount Applications
- 22 Gauge Cold Rolled Steel Welded Housing
- Powder Coated Finish / Painted After Fabrication
- Snap-On Radial Clear Ribbed Acrylic Lens
- Suitable for Damp Locations
- Available with:
  - Fluorescent, LED and LED T8 (Internally Driven)
  - 95% Enhanced Specular Aluminum Reflector
  - Lens Retainer & Tamper Proof Screws
  - Emergency Battery Pack



Photometric Data and IES Files are Available on [www.lalighting.com](http://www.lalighting.com)



**LOS ANGELES LIGHTING MFG. CO.**

10141 OLNEY ST. / EL MONTE, CA 91731

TEL : 626-454-8300 FAX : 626-454-8399

[www.lalighting.com](http://www.lalighting.com)

**WALL BRACKET - Fluorescent**

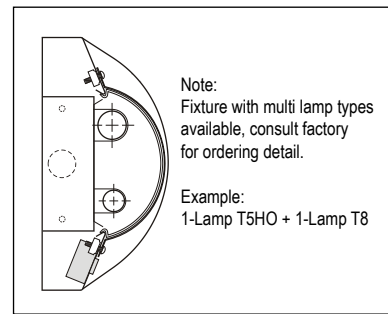
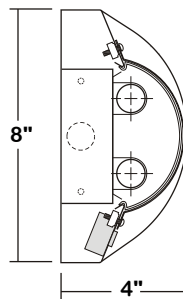
LED Equivalent Products Available on [www.lalighting.com](http://www.lalighting.com)



Lens Retainer & Tamper Proof Screws Optional.

**BSW100 SERIES**

**CROSS SECTION**

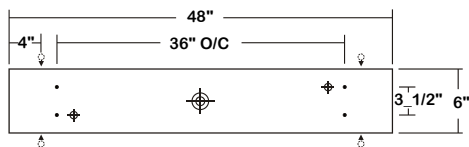


Note:  
Fixture with multi lamp types available, consult factory for ordering detail.

Example:  
1-Lamp T5HO + 1-Lamp T8

**BACK PLATE**

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



**SENSOR CONFIGURA-**

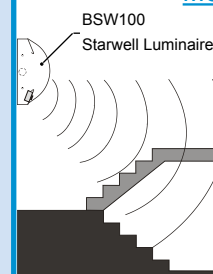
**MS 2 A**

- A- ON / OFF**
- B- Step Dimming**
- 1- Bottom Lamp** (2-Light Unit)
- 2- Top and Bottom Lamps** (3-Light Unit)
- 3- All Lamps**
- 4- Other** \_\_\_\_\_
- Motion Sensor**

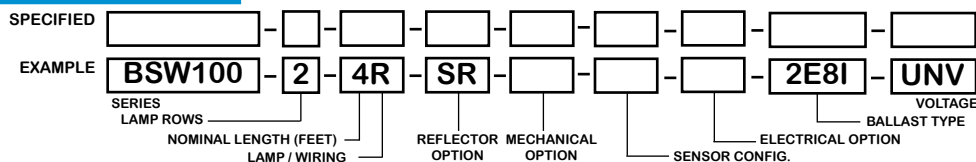
**CATALOG NUMBER**

	NOMINAL LENGTH	TOTAL LAMPS		NOMINAL LENGTH	TOTAL LAMPS
<b>BSW100-1-4M</b>	4'	1	<b>BSW100-1-4R</b>	4'	1
<b>BSW100-2-4M</b>	4'	2	<b>BSW100-2-4R</b>	4'	2
<b>BSW100-3-4M</b>	4'	3	<b>BSW100-3-4R</b>	4'	3

**MS - MOTION SENSOR**



- Ultrasonic occupancy sensor for vertical wall mount applications.
- Sensor mounted at 20° from vertical for optimum sensor performance.
- 24' diameter coverage at 8' mounting height.
- 5 to 30 minutes time delay adjustability.



**NOTE: LAMP/WIR-**  
M= Miniature Bi-Pin T5  
MT= Miniature Bi-Pin T5 Tandem Wiring  
R= Medium Bi-Pin T8  
RT= Medium Bi-Pin T8 Tandem Wiring

**OPTIONS AND ACCESSORIES**

- **REFLECTOR OPTIONS**
  - Specular Aluminum Reflector (95%) SUFFIX SR
  - White Reflector WR
- **MECHANICAL OPTIONS**
  - Lens Retainer & Tamper Proof Screws (Hex Socket W/Post) SUFFIX TP
- **ELECTRICAL OPTIONS**
  - Emergency Battery Pack SUFFIX BP\*
  - External Line Fusing (HLR/GLR) SUFFIX ELF
- **BALLAST OPTIONS\***
  - Electronic T5 SUFFIX xE5
  - Electronic T5HO SUFFIX xE5H
  - Electronic T8 Instant Start SUFFIX xE8I
  - Electronic T8 Rapid Start SUFFIX xE8R
  - Electronic T8HO SUFFIX xE8H

x = Number of Lamps per Ballast
- **ACCESSORIES** SUFFIX CAT.NO.  
Fixture Suspension System \*

\*Refer to [www.lalighting.com/resources](http://www.lalighting.com/resources) for more information

**SPECIFICATIONS**

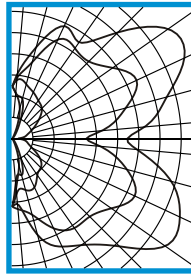
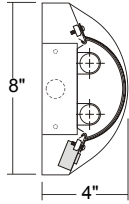
- **TYPE** 1, 2 or 3 lamps sensor controlled stairwell luminaire.
- **CONSTRUCTION** 22ga. cold rolled steel welded housing.
- **FINISH** Baked white powder coated finish, minimum reflectance 90%, painted after fabrication.
- **REFLECTOR** Enhanced specular aluminum reflector standard, 95% reflectance.
- **OPTICS** 4' snap-on radial clear acrylic ribbed lens. Two lenses per 8' fixture.
- **SENSOR** Ultrasonic occupancy sensor for vertical wall mount applications. 24' diameter coverage at 8' mounting height. 5 to 30 minutes time delay adjustability.
- **WIRING** 120v 60Hz., 277v 60Hz., UNV (universal voltage 120v thru 277v.) or as otherwise specified.
- **LABELS** U.L. Listed. Suitable for damp locations.



**PHOTOMETRIC DATA**

BSW100-2-4R-SR-E8

TEST NO.=LA-T1977-1  
 LAMP TYPE=FO32/31K  
 NO. OF LAMP=2  
 LUMENS PER LAMP=2900  
 WATTS PER LAMP=32  
 BALLAST FACTOR=1  
 PHOTOMETRY TYPE=C



**CANDLEPOWER**

ANGLE	0	45	90	135	180
0	422	422	422	422	422
5	454	483	386	337	352
15	634	547	370	245	179
25	850	590	344	114	21
35	795	744	306	37	1
45	999	737	267	5	0
55	1257	828	211	1	0
65	1247	885	144	0	0
75	1037	774	103	0	0
85	872	589	68	0	0
90	747	506	39	0	0
95	865	598	63	0	0
105	1054	771	109	0	0
115	1262	897	140	0	0
125	1286	825	213	0	0
135	1015	710	278	4	0
145	807	735	302	31	1
155	852	703	357	122	30
165	698	515	370	264	174
175	451	434	378	368	310
180	355	355	355	355	355

**ZONAL LUMEN SUMMARY**

DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	334	5.8	7.2
0-40	567	9.8	12.3
0-60	1233	21.3	26.8
0-90	2299	39.6	49.9
90-120	1072	18.5	23.3
90-150	1971	34.0	42.8
90-180	2308	39.8	50.1
0-180	4607	79.4	100.0

Lumen Output = 4607 lumens  
 Luminaire Efficiency = 79.4%

**SPACING CRITERION**

ALONG	ACROSS
3.02	1.15

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