



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



LOS ANGELES LIGHTING MFG. CO.

10141 OLNEY ST. / EL MONTE, CA 91731

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

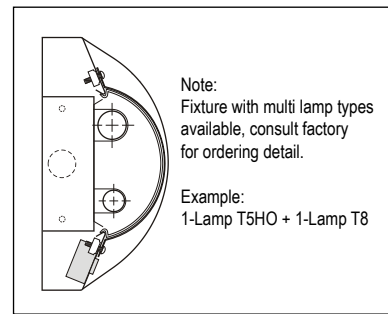
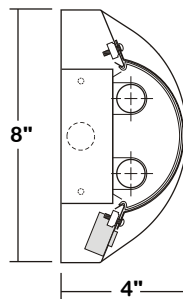
www.lalighting.com



Lens Retainer & Tamper Proof Screws Optional.

BSW100 SERIES

CROSS SECTION

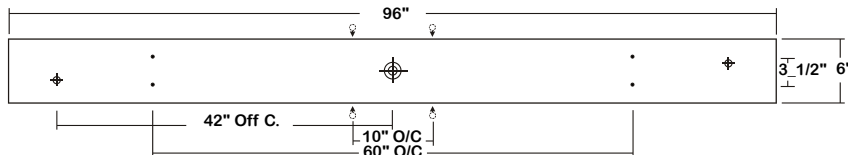
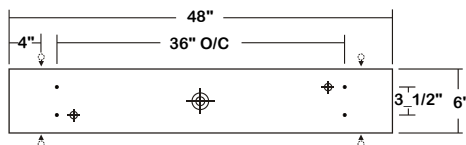


Note:
Fixture with multi lamp types available, consult factory for ordering detail.

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-

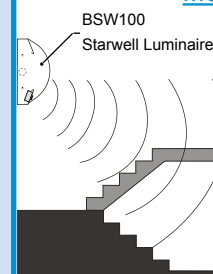
MS 2 A

- 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

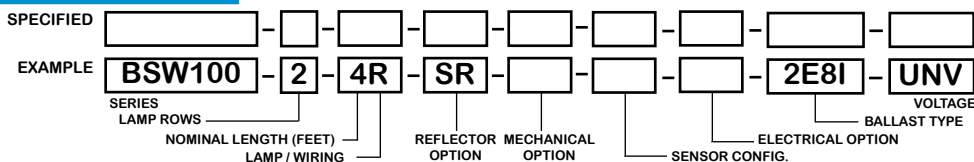
	NOMINAL LENGTH	TOTAL LAMPS		NOMINAL LENGTH	TOTAL LAMPS
BSW100-1-4M	4'	1	BSW100-1-4R	4'	1
BSW100-1-8MT	8'	2	BSW100-1-8RT	8'	2
BSW100-2-4M	4'	2	BSW100-2-4R	4'	2
BSW100-2-8MT	8'	4	BSW100-2-8RT	8'	4
BSW100-3-4M	4'	3	BSW100-3-4R	4'	3
BSW100-3-8MT	8'	6	BSW100-3-8RT	8'	6

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.

ORDERING GUIDE



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%)
- White Reflector

SUFFIX
SR
WR

MECHANICAL OPTIONS

- Lens Retainer & Tamper Proof Screws (Hex Socket W/Post)

SUFFIX
TP

ELECTRICAL OPTIONS

- Emergency Battery Pack
- External Line Fusing (HLR/GLR)

SUFFIX
BP*
ELF

BALLAST OPTIONS*

- Electronic T5
- Electronic T5HO
- Electronic T8 Instant Start
- Electronic T8 Rapid Start
- Electronic T8HO

SUFFIX
xE5
xE5H
xE8I
xE8R
xE8H

ACCESSORIES

- Fixture Suspension System

CAT.NO.
*

*Refer to www.lalighting.com/resources for more information

SPECIFICATIONS

- TYPE
- CONSTRUCTION
- FINISH
- REFLECTOR
- OPTICS
- SENSOR
- WIRING
- LABELS

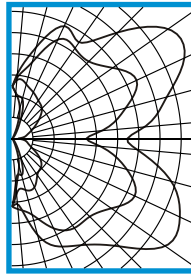
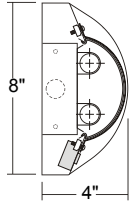
1, 2 or 3 lamps sensor controlled stairwell luminaire.
22ga. cold rolled steel welded housing.
Baked white powder coated finish, minimum reflectance 90%, painted after fabrication.
Enhanced specular aluminum reflector standard, 95% reflectance.
4' snap-on radial clear acrylic ribbed lens. Two lenses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