

SURFACE MOUNTED

BH SWL

BEHAVIORAL
HEALTHCARE



CROSS: BASWL



Ligature Resistant



Pick-Proof Caulk Required

The **BH SWL** LED combines maximum security construction with energy saving technology. The BH SWL is ideal for behavioral health applications that require an IP65 surface mount fixture. This surface mount luminaire is perfect for applications such as shower areas, secure corridors and general population areas. Ligature-resistant when mounted with pick-proof caulk.

FASTENERS: Stainless steel tamper-resistant center pin TORX screws standard. Allenhead screws with center pin optional.

ELECTRICAL SYSTEM: Electronic driver 120-277V, standard 0-10V dimming. Long-life LED system rated for >100K hours (L70 @ 50°C). Complies with federal energy efficiency standards.

OPTICAL SYSTEM: Various lensing options available. Available with choice of inner and outer lenses, prismatic inner lens and clear outer lens (recommended).

LISTINGS: ETL and cETL listed for wet locations. IP65 rating. Manufactured in the USA, BAA Compliant.

FINISH: The BH SWL is TGIC polyester powder coated white using a 5-stage pretreatment. Consult factory for other finishes.

CONSTRUCTION: Housing and doorframe available in cold roll and stainless steel construction. Available in various materials and thickness. The corners are seam welded and smooth. Fixture is gasketed to provide an IP65 rating. LED 2700K, 3000K, 3500K, 4000K and 5000K CCT LEDs, >82 CRI. 90 CRI available. Life is >100,000 hours at 70% lumen maintenance.

WARRANTY: 5-Year Limited Warranty. Complete warranty and terms located at: www.aelnow.com/warranty

Ordering Information on Next Page ►

ORDERING INFORMATION:

Example: BHSWL-40-5L-B16-B16-N-250P-M-14EBL

SERIES	CCT	OUTPUT	HOUSING MATERIAL	DOOR MATERIAL	INNER LENS
BHSWL	30 3000K	2L 2000 Lumens (standard)	B12 12 Gauge Cold Roll Steel	B12 12 Gauge Cold Roll Steel	N No Lens
	35 3500K	3L 3000 Lumens (medium)	B14 14 Gauge Cold Roll Steel	B14 14 Gauge Cold Roll Steel	PA125 .125 Prismatic Acrylic (inverted)
	40 4000K	5L 5000 Lumens (high)	B16 16 Gauge Cold Roll Steel	B16 16 Gauge Cold Roll Steel	PA156 .156 Prismatic Acrylic (inverted)
	50 5000K	7L 7000 Lumens (very high)	B18 18 Gauge Cold Roll Steel	B18 18 Gauge Cold Roll Steel	FA .125 Frosted Acrylic
		XXL Custom Lumens	SH14 14 Gauge Stainless Steel	SH14 14 Gauge Stainless Steel	PP125 .125 Prismatic Polycarbonate (inverted)
CROSS: BASWL			SH16 16 Gauge Stainless Steel	SH16 16 Gauge Stainless Steel	PP187 .187 Prismatic Polycarbonate (inverted)
			SH18 18 Gauge Stainless Steel (Polished 304)	SH18 18 Gauge Stainless Steel (Polished 304)	SY Symmetric Diffused Frosted DR Acrylic (satin)
			SH186 18 Gauge Stainless Steel (Polished 316)	SH186 18 Gauge Stainless Steel (Polished 316)	
			SHP186 18 Gauge Stainless Steel (Painted 316)	SHP186 18 Gauge Stainless Steel (Painted 316)	
			SHB18 18 Gauge Stainless Steel (Brushed 304)	SHB18 18 Gauge Stainless Steel (Brushed 304)	

OUTER LENS	VOLTAGE	DRIVER	OPTIONS
125P .125 Clear Polycarbonate	M 120/277V	BLANK 0-10V 1% Dimming Driver (included standard)	14EBL 14 Watt Emergency Ballast
156P .156 Clear Polycarbonate		CD1 0-10V 1% to Off Dimming Driver	NTP Non-tamper Proof Fasteners (Phillips-head screws)
187P .187 Clear Polycarbonate		CD5 0-10V 5% to Off Dimming Driver	AH Allen Head Screws With Center Reject
250P .250 Clear Polycarbonate		DALI 1% Dimming Driver	LN LED Night Light (Consult Factory for Available Colors/Temps)
375P .375 Clear Polycarbonate		LDE1 Lutron Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology	FZ Fuse & Holder
500P .500 Clear Polycarbonate			90 90 CRI
G187 .187 Clear Tempered Glass			
G250 .250 Clear Tempered Glass			
G375 .375 Clear Tempered Glass			
G500 .500 Clear Tempered Glass			

Other options and configurations are available. Consult factory for details.

Dimensions on Next Page ►

ENERGY AND PERFORMANCE DATA

INPUT VOLTAGE:	120/277VAC
SYSTEM INPUT POWER:	13.9 - 48.5 WATTS*
DELIVERED LUMEN OUTPUT:	2000 - 6000 LUMENS
STANDARD DIMMING CONTROL:	0-10V
CCT:	2700, 3000, 3500, 4000, 5000 KELVIN
CRI:	82 (MINIMUM)
LIFE TIME RATING:	>100,000 HRS @ L70
INPUT FREQUENCY:	50/60 HZ
POWER FACTOR:	>0.9
OPERATING TEMP:	-30° TO 50° C

APPROXIMATE COLOR TEMPERATURE MULTIPLIER

5000K	X	1.03
4000K	X	1
3500K	X	.97
3000K	X	.94
2700K	X	.91

PART#	DELIVERED LUMENS	WATTS	L70 @20C (HRS)
2L	2000	13.9	>100K
3L	3000	20.8	>100K
5L	5000	34.7	>100K
7L	7000	48.5	>100K

*ACTUAL WATTAGE MAY DIFFER BY ±5% WHILE OPERATING 120/277V ±10%

