

Catalog Number
Notes
Type

FEATURES & SPECIFICATIONS

INTENDED USE — SBL LED wraparound provides a digital lighting platform to deliver general ambient lighting for surface-mount applications. The SBL provides a similar look to that of an existing fluorescent wrap with all of the excellent benefits of LED: energy savings, long life, and maintenance savings. Ideal for closets, storage rooms, and offices.

CONSTRUCTION — Linear side prisms control brightness, pyramidal bottom prisms minimize lamp image. Continuous side flanges on fixture body provide light trap and continuous diffuser support to prevent accidental opening and simplify maintenance. Full depth, white enamel end plates.

Die-formed from code gauge cold-rolled steel. Channel cover snaps into place without the use of tools. Full end cap factory installed to reduce job site labor.

OPTICS — The translucent white diffuser reduces glare and pixilation without impacting performance.

ELECTRICAL — Long-life LEDs, coupled with high-efficiency drivers, provide superior quantity and quality of illumination for extended service life. 90% LED lumen maintenance at 60,000 hours (L90/60,000). The LEDs have a CRI of 82.

eldoLED driver options deliver choice of dimming range and choices for control, while assuring flicker-free, low-current inrush, 89% efficiency and low EMI.

Pair the SBL with the fixture mount Sensor Switch LSXR sensor for additional energy savings when the space is unoccupied. The LSXRHL sensor dims the fixture down to a low-level setting when there is no occupancy. This option is ideal for stairwells, back rooms, and closets due to the low occupancy level in those spaces.

Optional nLight® embedded controls continuously monitor system performance, allow for constant lumen management / compensation function, facilitate simple “plug-and-play” network and controls upgrading via Cat-5 cable. Ballast disconnect provided where required to comply with US and Canadian codes.

LISTINGS — CSA certified to meet U.S. and Canadian standards. DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

Damp listed.

WARRANTY — 5-year limited warranty. Complete warranty terms located at www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

Note: Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25 °C.

Specifications subject to change without notice.

Square-basket LED Wraparound

SBL4



4'
LED



eldoLED®

ORDERING INFORMATION

Lead times will vary depending on options selected. Consult with your sales representative.

Example: SBL4 40L EZ1 LP840

SBL4		Lumens ¹		Voltage		Driver		Color temperature		Control		Options		Finish	
SBL4	4' LED wrap	30L	3000 lumens	(blank)	MVOLT (120-277)	EZ1	eldoLED dims to 1%, 0-10V	LP830	3000 K	(blank)	No controls	EL7L LED Emergency battery pack (nominal 700 lumens) ⁵	(blank)	White	
		40L	4000 lumens	347	347V ²			LP835	3500 K	N80	nLight with 80% (L80) lumen management				
		48L	4800 lumens			SLD	Step-level dimming ³	LP840	4000 K	N80EMG	nLight with 80% (L80) lumen management for use with generator supply EM power				EL14L LED Emergency battery pack (nominal 1400 lumens) ⁵
		60L	6000 lumens			EOHN	eldoLED non-dimming, on/off ³	LP850	5000 K	N100	nLight without lumen management				
		72L	7200 lumens					N100EMG	nLight without lumen management for use with generator supply EM power						
						LSXRHL	Sensor Switch® fixture mount sensor with High/Low occupancy operation ⁴								
						LSXR10	Sensor Switch fixture mount sensor with on/off occupancy operation								

Notes

- 1 Approximate lumen output.
- 2 Not available with EL7L, EL14L, or SLD driver.
- 3 Not available with control options.
- 4 Dims to approximately 10% light output when unoccupied. See sensor details on next page.
- 5 Not available with the 72L lumen package.

SBL4 LED Wraparound

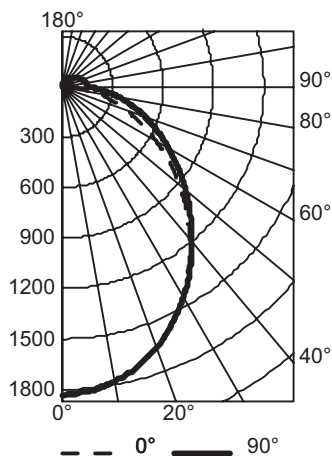
Performance Data				
Lumen	Package	Lumens	Input Watts	LPW
30L	LP830	3,104.4	27	115.0
30L	LP835	3,168.7	27	117.4
30L	LP840	3,194.1	27	118.3
30L	LP850	3,234.8	27	119.8
40L	LP830	4,450.0	39	114.1
40L	LP835	4,542.1	39	116.5
40L	LP840	4,578.6	39	117.4
40L	LP850	4,636.9	39	118.9
48L	LP830	5,164.3	48	107.6
48L	LP835	5,271.2	48	109.8
48L	LP840	5,313.6	48	110.7
48L	LP850	5,381.2	48	112.1
60L	LP830	6,187.8	55	112.5
60L	LP835	6,315.9	55	114.8
60L	LP840	6,366.6	55	115.8
60L	LP850	6,447.7	55	117.2
72L	LP830	7,330.3	70	104.7
72L	LP835	7,482.0	70	106.9
72L	LP840	7,542.1	70	107.7
72L	LP850	7,638.2	70	109.1



Sensor Switch LSRHL Sensor	
Lens type:	10 - Low Mount 360° coverage
Dimming:	HL - High/Low Occupancy operation
Min Dim Level:	3V - approximately 10% light output when unoccupied
Time Delay:	5M - 5 minutes

PHOTOMETRICS

SBL4 48L EZ1 LP840, 5313.6 delivered lumens, test no. LTL27402P10, tested in accordance to IESNA LM-79.



CP Summary			Coefficients of Utilization										Zonal Lumen Summary				
0° 90			pf	80%						20%				Zone	Lumens	% Lamp	% Fixture
0°	90		pc	70%	50%	30%	50%	30%	10%	50%	30%	10%					
0°	1835	1835	0	117	117	117	114	114	114	107	107	107	0° - 30°	1376	25.9	25.9	
5°	1825	1818	1	106	101	97	98	94	90	93	89	86	0° - 40°	2204	41.5	41.5	
15°	1730	1725	2	96	88	81	85	79	74	81	75	71	0° - 60°	3760	70.8	70.8	
25°	1554	1551	3	88	77	69	75	67	61	71	65	59	0° - 90°	4944	93.1	93.1	
35°	1313	1325	4	81	68	60	67	58	52	63	56	51	90° - 120°	249	4.7	4.7	
45°	1046	1078	5	74	61	52	60	51	45	57	49	44	90° - 130°	301	5.7	5.7	
55°	775	842	6	69	55	46	54	45	39	51	44	38	90° - 150°	357	6.7	6.7	
65°	519	625	7	64	50	41	49	41	35	47	39	34	90° - 180°	369	6.9	6.9	
75°	300	431	8	59	46	37	45	37	31	43	36	31	0° - 180°	5313	100.0	100.0	
85°	101	245	9	55	42	34	41	33	28	40	32	28					
90°	2	163	10	52	39	31	38	31	26	37	30	25					

SBL4 LED Wraparound

MOUNTING DATA

Suspension Kit Ceiling Types: F1 for use with most T-bar and screw slot grid ceiling applications. Designed for on-grid and off-grid installations.

F2 for use with recessed or surface-mount horizontal J-box applications.

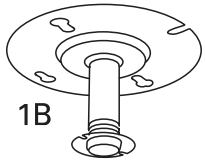
For unit or row installation; surface or suspend mounting.

Individual installation — One double-stem or two single-stem hangers required.

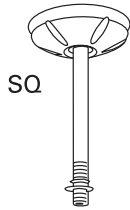
For aircraft cable, one STACG_, STACGF_, or STACGE_ required for each suspension point.

Note: 2' configurations with emergency option cannot be stem mounted.

See ACCESSORIES below for hanging devices.



1B



SQ

DIMENSIONS

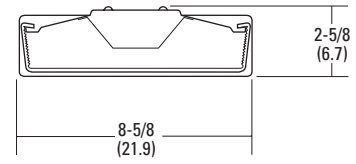
All dimensions are inches (centimeters) unless otherwise noted.

Specifications

Length: 48 (122.0)

Width: 8-5/8 (21.9)

Depth: 2-5/8 (6.7)



All dimensions are inches (centimeters) unless otherwise indicated.