LITHONIA LIGHTING®

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 50,000 hours (L90/50,000). 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.

Damp listed.

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.
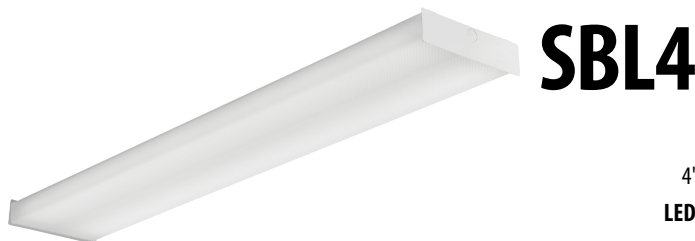
GOVERNMENT PROCUREMENT — BAA – Product with the BAA option qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product with the BAA option also qualifies as manufactured in the United States under DOT Buy America regulations. BABA – Build America Buy America: Product with the BAA option also qualifies as produced in the United States under the definitions of the Build America, Buy America Act.
Please refer to www.acuitybrands.com/buy-american for additional information.

WARRANTY — 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

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

BAA · BABA · DLC LISTED · A+ CAPABLE · eldoLED® · nLIGHT

A+ Capable Luminaire

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and out-of-the-box control compatibility with simple commissioning.

- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency

- This luminaire is part of an A+ Certified solution for nLight® control networks when ordered with drivers marked by a shaded background*

- This luminaire is part of an A+ Certified solution for nLight control networks, providing advanced control functionality at the luminaire level, when selection includes driver and control options marked by a shaded background*

To learn more about A+, visit www.acuitybrands.com/aplus.

*See ordering tree for details

A+ Capable options indicated by this color background.

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

Example: SBL4 4000LM 80CRI 35K MIN10 GZT MVOLT

SBL4						
Series	**Lumens[1]**	**CRI**	**Color temperature**	**Minimum Dimming Level**	**Dimming**	**Voltage**
SBL4 — 4' LED wrap	3000LM — 3000 lumens 4000LM — 4000 lumens 4800LM — 4800 lumens 6000LM — 6000 lumens 7200LM — 7200 lumens	80CRI — 80 CRI	30K — 3000 K 35K — 3500 K 40K — 4000 K 50K — 5000 K	MIN10 — Dims to 10%[2] MIN1 — Dims to 1%[3] NODIM — On/off, non-dimming[4] SLD — Step-level dimming[4]	(blank) — none[10] GZT — Generic 0-10V Dimming ZT — eldoLED 0-10V Dimming	MVOLT — 120-277V 347 — 347V[5,11]

Emergency Options	**Control Input/ Lumen Management Options[10]**	**Occupancy Control Options**	**Occupancy Sensor Technology Option**	**Options**
E7W — 7W Emergency battery pack, Constant Power, Certified in CA Title 20 MAEDBS, User-selectable Self-Diagnostic, AC Activate with Integral Test Switch[6] E10W — 10W Emergency battery pack, Constant Power, Certified in CA Title 20 MAEDBS, User-selectable Self-Diagnostic, AC Activate with Integral Test Switch[6] EMG — for use with nLight on generator supply EM power[7]	NLIGHT — nLight enabled CL80 NLIGHT — nLight enabled, constant lumen output, 80%	LSXRHL — Sensor Switch® fixture mount sensor with High/Low occupancy operation[8,9] LSXR10 — Sensor Switch® fixture mount sensor with on/off occupancy operation[8]	PIR — Passive Infrared[12]	BAA — Buy America(n) Act and/or Build America Buy America Qualified BDP — Factory Installed Ballast Disconnect Plug

Catalog number	UPC	Description	Lumens	Color temperature	Voltage	Wattage	Pallet qty	Standard carton qty.
SBL4 347 LP835	190887855692	4' LED Wraparound	3,933	3500 K	347	36	70	1
SBL4 347 LP840	190887856675	4' LED Wraparound	3,994	4000 K	347	36	70	1

Notes
1. Approximate lumen output.
2. Requires GZT control option.
3. Requires GZT, ZT, or NLIGHT control.
4. Not available with Control or Sensor Options.
5. Not available with SLD option.
6. Not available with 7200LM option.
7. nLight EMG option requires a conection to existing nLight network. Power is provided from a separate N80 or N100 enabled fixture. Requires NLIGHT.
8. Requires MIN1, ZT and PIR options.
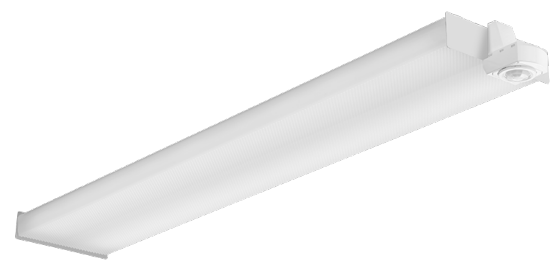9. Dims to approximately 10% light output when unoccupied.
10. When Control Input/ Lumen Management option specified leave Dimming section blank.
11. 347 not available with battery option
12. Only available with Occupancy Control option.

SBL4 LED Wraparound

Performance Data

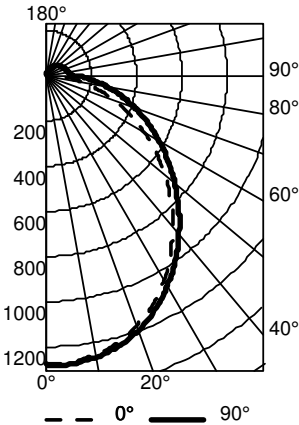| Lumen Package	Lumens	Input Watts	LPW
3000LM 80CRI 30K	3165	25.5	124
3000LM 80CRI 35K	3236	25.5	127
3000LM 80CRI 40K	3286	25.5	129
3000LM 80CRI 50K	3407	25.5	133
4000LM 80CRI 30K	3847	32.4	119
4000LM 80CRI 35K	3933	32.4	121
4000LM 80CRI 40K	3994	32.4	123
4000LM 80CRI 50K	4141	32.4	128
4800LM 80CRI 30K	4698	40.5	116
4800LM 80CRI 35K	4802	40.5	119
4800LM 80CRI 40K	4877	40.5	120
4800LM 80CRI 50K	5057	40.5	125
6000LM 80CRI 30K	5985	49.9	120
6000LM 80CRI 35K	6119	49.9	123
6000LM 80CRI 40K	6214	49.9	125
6000LM 80CRI 50K	6443	49.9	129
7200LM 80CRI 30K	7052	61.9	114
7200LM 80CRI 35K	7209	61.9	117
7200LM 80CRI 40K	7321	61.9	118
7200LM 80CRI 50K	7591	61.9	123

Sensor Switch LSXRHL 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

How to Estimate Delivered Lumens in Emergency Mode
Use the formula below to estimate the delivered lumens in emergency mode.
Delivered Lumens = 1.25 x P x LPW
P = Ouput power of emergency driver. P = 10W for E10W option.
LPW = Lumen per watt rating of the luminaire. LPW information available in Performance Data section.
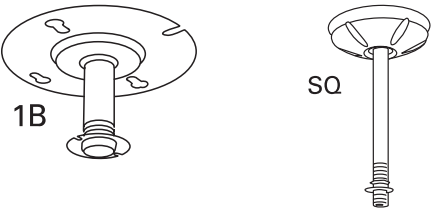
PHOTOMETRICS

SBL4 4000LM 80CRI 35K

CP Summary

	0°	90
0°	1279	1279
5°	1275	1281
15°	1224	1240
25°	1118	1139
35°	962	997
45°	780	829
55°	596	657
65°	414	497
75°	242	344
85°	91	203
90	15	132

Coefficients of Utilization

pf				20%					
pc		80%			70%			50%	
pw	70%	50%	30%	50%	30%	10%	50%	30%	10%
0	117	117	117	114	114	114	107	107	107
1	106	101	96	98	94	90	92	89	86
2	96	88	80	85	78	73	80	75	70
3	88	77	68	75	67	61	71	64	59
4	80	68	59	66	58	51	63	56	50
5	74	61	51	59	51	44	56	49	43
6	68	55	46	53	45	39	51	43	38
7	63	49	41	48	40	34	46	39	33
8	59	45	37	44	36	30	42	35	30
9	55	41	33	41	33	27	39	32	27
10	51	38	30	37	30	25	36	29	24

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0° - 30°	979	24.9	24.9
0° - 40°	1583	40.2	40.2
0° - 60°	2748	69.9	69.9
0° - 90°	3660	93.1	93.1
90° - 120°	182	4.6	4.6
90° - 130°	221	5.6	5.6
90° - 150°	263	6.7	6.7
90° - 180°	273	6.9	6.9
0° - 180°	3933	100.0	100.0

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 — 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.
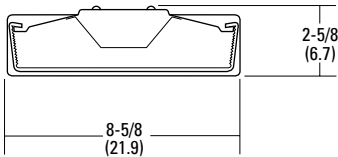
See ACCESSORIES below for hanging devices.

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.