

FEATURES & SPECIFICATIONS

INTENDED USE — LBL LED wraparound provides a digital lighting platform to deliver general ambient lighting for surface-mount applications. The LED system delivers long life and excellent color to ensure a quality, low-maintenance lighting installation. Ideal for closets, storage rooms, hallways, stairwells and offices.

CONSTRUCTION — Metal parts are die formed from pre-painted code-gauge steel. Prismatic diffuser is 100% acrylic with sonically welded luminous ends. Continuous side flanges on fixture body provide light trap and continuous diffuser support to prevent accidental opening and simplify maintenance.

OPTICS — Curved prismatic diffuser with linear side prisms and highly transmissive light diffusing film minimizes lamp image and provides high-angle brightness control. Luminous end plates soften appearance for improved aesthetics.

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.

Step-level dimming option allows system to be switched to 50% power for compliance with common energy codes while maintaining fixture appearance.

CONTROLS — Pair the LBL 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.

Catalog Number
Notes
Type

Low-Profile Curved-Basket LED Wraparound

LBL2



2' LENGTH, NARROW HOUSING LED



CSA+ 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

LBL2 LED Wraparound



A+ Capable options indicated by this color background.

ORDERING INFORMATION

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

Example: LBL2 2000LM 80CRI 35K MIN10 GZT MVOLT

LBL2						
Series	Lumens ¹	CRI	Color temperature	Minimum Dimming Level	Dimming	Voltage
LBL2 2' LED wrap	2000LM 2000 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 ¹² GZT Generic 0-10V Dimming ZT eldoLED 0-10V Dimming	MVOLT 120-277V 347 347V ^{5,13}

Emergency Option	Control Input / Lumen Management Options ¹²	Occupancy Control Options	Occupancy Sensor Technology Option	Options
EMG For use with nLight on generator supply EM power ⁶	NLIGHT nLight enabled CL80 NLIGHT nLight enabled, constant lumen output, 80%	LSXRHL Sensor Switch [®] fixture mount sensor with High/Low occupancy operation ^{7,8} LSXR10 Sensor Switch [®] fixture mount sensor with on/off occupancy operation ⁷	PIR Passive Infrared ¹⁰	BAA Buy America(n) Act and/or Build America Buy America Qualified GLR Fast-blowing fuse ¹¹ GMF Slow-blowing fuse ¹¹ BDP Factory Installed Ballast Disconnect Plug

ORDERING INFORMATION

Catalog number	UPC	Description	Lumens	Color temperature	Lens type	Voltage	Wattage ²	Pallet qty	Standard carton qty.
LBL2 LP835 ⁹	190887819380	2' LED Wraparound	2,014	3500 K	Patterned #12 acrylic	120-277	17	112	1
LBL2 LP840 ⁹	190887819397	2' LED Wraparound	2,046	4000 K	Patterned #12 acrylic	120-277	17	112	1

Replacement Part

Fixture: LBL2
Description: LBL 2' DIFFUSER
Part Number: DLBL24

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 nLight EMG option requires a connection to existing nLight network. Power is provided from a separate N80 or N100 enabled fixture. Requires NLIGHT.
- 7 Requires MIN1, ZT and PIR options.
- 8 Dims to approximately 10% light output when unoccupied.
- 9 Product in stock.
- 10 Only available with Occupancy Control option.
- 11 Must specify voltage. 120 or 277, with GLR and GMF fusing.
- 12 When Control Input/Lumen management option specified leave Dimming section blank.
- 13 347 not available with battery option.

Performance Data

Lumen Package	Lumens	Input Watts	LPW
2000LM 80CRI 30K	1970	16.9	117
2000LM 80CRI 35K	2014	16.9	119
2000LM 80CRI 40K	2046	16.9	121
2000LM 80CRI 50K	2121	16.9	126

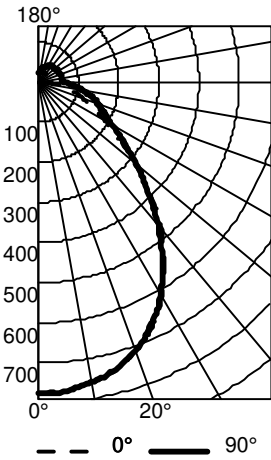


Sensor Switch LSXRHL Sensor

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

PHOTOMETRICS

LBL2 2000LM 80CRI 35K



CP Summary		
	0°	90°
0°	773	773
5°	770	774
15°	743	741
25°	673	666
35°	551	539
45°	394	386
55°	246	261
65°	148	179
75°	94	136
85°	31	86
90°	5	66

Coefficients of Utilization										
pc	80%			70%			50%			
pw	70%	50%	30%	50%	30%	10%	50%	30%	10%	
RCR	0	116	116	116	112	112	112	105	105	105
	1	106	102	97	98	95	91	92	89	86
	2	97	90	83	87	81	76	81	77	72
	3	89	79	72	77	70	64	72	67	62
	4	82	71	63	69	61	56	65	59	54
	5	76	64	56	62	54	49	59	52	47
	6	71	58	50	56	49	43	54	47	42
	7	66	53	45	52	44	38	49	42	37
	8	61	48	40	47	40	34	45	38	34
	9	57	45	37	44	36	31	42	35	30
10	54	41	34	40	33	28	39	32	28	

Zonal Lumen Summary			
Zone	Lumens	% Lamp	% Fixture
0° - 30°	592	29.4	29.4
0° - 40°	936	46.5	46.5
0° - 60°	1465	72.7	72.7
0° - 90°	1782	88.5	88.5
90° - 120°	115	5.7	5.7
90° - 130°	150	7.4	7.4
90° - 150°	205	10.2	10.2
90° - 180°	232	11.5	11.5
0° - 180°	2014	100.0	100.0

MOUNTING DATA

Aircraft Cable
STACG – the standard aircraft cable kit in which only the hanging wire will be included.
STACGF – will include a power feed cable with 3 conductors (HOT, NEUTRAL, GROUND)
STACGFD – same as above with Dimming leads (HOT, NEUTRAL, GROUND, VIOLET, GREY)
STACGE – will include a power feed cable with 4 conductors (HOT1, HOT2, NEUTRAL, GROUND) for fixtures with a battery pack.

Ceiling Type
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.

- How to order:**
- For aircraft cable, choose one STACG, STACGF, STACGFD, or STACGE (required for each suspension point)
 - Choose length 36", 72" or 144"
 - For ceiling type choose F1 or F2
- Ex. STACG36 F1, STACGF72 F2

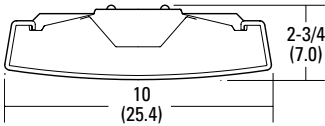
Stem Suspension
Individual installation — Two single-stem hangers required



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

DIMENSIONS

Specifications	
Length:	24 (61.0)
Width:	10 (25.4)
Depth:	2-3/4 (7.0)



All dimensions are inches (centimeters) unless otherwise indicated.