

## 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 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.

Finish: Five-stage iron phosphate pretreatment assures superior paint adhesion and rust resistance.

Painted parts finished with high-gloss, high-reflectivity baked white polyester enamel (low VOC).

**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 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.

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.

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](http://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](http://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.

Catalog Number
Notes
Type

### Low-Profile Curved-Basket LED Wraparound

# LBL2

2' LENGTH, NARROW HOUSING  
LED



eldoLED®  

Stock version through Contractor Select Offering
LBL2 LP835
LBL2 LP840

## ORDERING INFORMATION

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

**Example:** LBL2 20L EZ1 LP840

LBL2						
Series	Lumens <sup>1</sup>	Voltage	Driver	Color temperature	Control	Finish
LBL2 2' wrap LED	20L	(blank) MVOLT (120-277) 347 347V <sup>2</sup>	EZ1 eldoLED dims to 1%, 0-10V SLD Step-level dimming <sup>3</sup> EOHN eldoLED non-dimming, on/off <sup>3</sup>	LP830 3000 K LP835 3500 K LP840 4000 K LP850 5000 K	(blank) No controls N80 nLight with 80% (L80) lumen management N80EMG nLight with 80% (L80) lumen management for use with generator supply EM power N100 nLight without lumen management N100EMG nLight without lumen management for use with generator supply EM power LSXRHL Sensor Switch® fixture mount sensor with High/Low occupancy operation <sup>4</sup> LSXR10 Sensor Switch® fixture mount sensor with On/Off occupancy operation	(blank) White

### Notes

- 1 Approximate lumen output.
- 2 Not available with SLD driver.
- 3 Not available with control options.
- 4 Dims to approximately 10% light output when unoccupied. See sensor details on next page.

LBL2 LED Wraparound

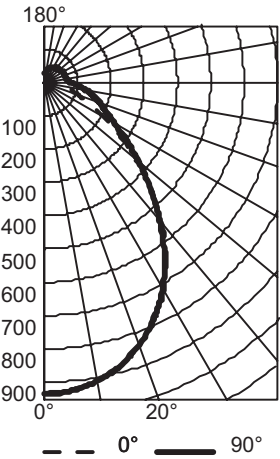
Performance Data				
Lumen	Package	Lumens	Input Watts	LPW
20L	LP830	2,203.1	23	95.8
20L	LP835	2,248.7	23	97.8
20L	LP840	2,266.8	23	98.6
20L	LP850	2,295.6	23	99.8



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 20L EZ1 LP840, 2266.8 delivered lumens, test no. LTL27384P2, tested in accordance to IESNA LM-79.



CP Summary

	0°	90
0°	932	932
5°	927	929
15°	883	881
25°	785	780
35°	640	630
45°	454	453
55°	275	300
65°	147	204
75°	83	152
85°	29	101
90	5	80

Coefficients of Utilization

R <sub>CR</sub>	pw	80%			20%			50%		
		70%	50%	30%	50%	30%	10%	50%	30%	10%
		pc	pc	pc	pc	pc	pc	pc	pc	pc
0	116	116	116	112	112	112	105	105	105	
1	106	102	98	99	95	92	92	89	87	
2	98	90	84	87	81	76	82	77	73	
3	90	80	72	78	71	65	73	67	63	
4	83	72	64	70	62	56	66	59	54	
5	77	65	56	63	55	49	60	53	48	
6	71	59	50	57	49	44	54	47	42	
7	66	54	45	52	45	39	50	43	38	
8	62	49	41	48	40	35	46	39	34	
9	58	45	38	44	37	32	42	36	31	
10	54	42	34	41	34	29	39	33	29	

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0° - 30°	692	30.5	30.5
0° - 40°	1082	47.7	47.7
0° - 60°	1669	73.6	73.6
0° - 90°	2010	88.7	88.7
90° - 120°	124	5.5	5.5
90° - 130°	162	7.1	7.1
90° - 150°	225	9.9	9.9
90° - 180°	257	11.3	11.3
0° - 180°	2267	100.0	100.0

MOUNTING DATA

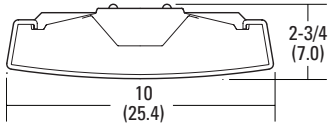
Suspension Kit Ceiling Types: F1 for use with most T-bar and screw slot grid ceiling applications. Designed for on-grid and off-grid installations.  
F2 for use with recessed or surface-mount horizontal J-box applications.  
For unit or row installation; surface or suspend mounting.  
Individual installation — 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.

DIMENSIONS

All dimensions are inches (centimeters) unless otherwise noted.

Specifications

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



All dimensions are inches (centimeters) unless otherwise indicated.

