LITHONIA LIGHTING®

Catalog Number	
Notes	
Type	

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 disco nnect 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.

Low-Profile Curved-Basket LED Wraparound

LBL2



2' LENGTH, NARROW HOUSING

LED

Stock version through Contractor Select Offering
LBL2 LP835
LBL2 LP840

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

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.

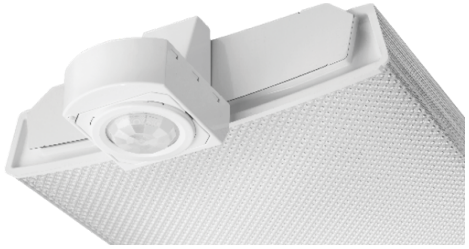
Example: LBL2 20L EZ1 LP840

LBL2						
Series	**Lumens**[1]	**Voltage**	**Driver**	**Color temperature**	**Control**	**Finish**
LBL2 2' wrap LED	20L	(blank) MVOLT (120-277) 347 347V [2]	EZ1 eldoLED dims to 1%, 0-10V SLD Step-level dimming [3] EOHN eldoLED non-dimming, on/off [3]	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 [4] 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.

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

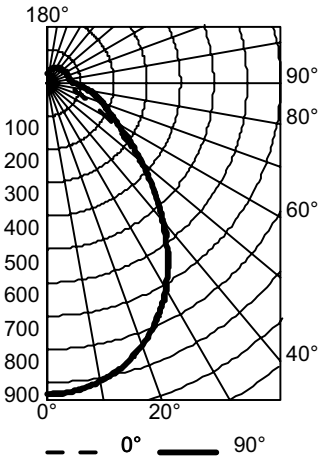


Sensor Switch LSXRHL Sensor

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

	pf			20%					
	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	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.

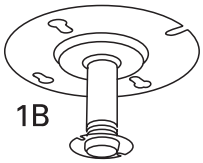
For unit or row installation; surface or suspend mounting.

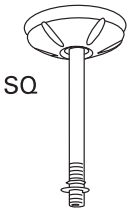
Individual installation — One double-stem or two single-stem hangers required.

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.

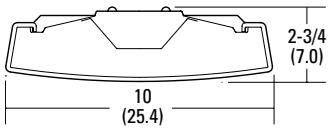




DIMENSIONS

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.

LITHONIA LIGHTING®
An AcuityBrands Company

LED: One Lithonia Way Conyers, GA 30012 Phone: 800-858-7763 Fax: 770-929-8789 www.lithonia.com

© 2015 Acuity Brands Lighting, Inc. All rights reserved. Rev. 09/22/16