

FEATURES & SPECIFICATIONS

INTENDED USE — LBL provides a digital lighting platform to deliver general ambient lighting for surface-mount applications. Light engine delivers long life and excellent color to ensure a sound quality, low-maintenance light installation.

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 overlay 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 extended service life. LBL is rated to deliver L70 performance at 50,000 hours.

LISTING — CSA certified to U.S. and Canadian standards. DLC Certified. Damp listed.

WARRANTY — 5-year limited warranty. Complete warranty terms located at

www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

Note: Specifications subject to change without notice.

DLC only on 2x4 fixture. DLC currently does not have a 2' option on the wrap-style fixture.

Catalog Number
Notes
Type

Contractor Select

LED Wraparound

2' and 4'
LED



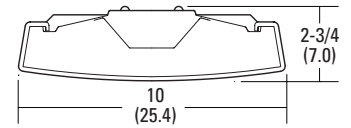
Specifications

Length: 24 (61.0)

48 (122.0)

Width: 10 (25.4)

Depth: 2-3/4 (7.0)



All dimensions are inches (centimeters) unless otherwise indicated.

MOUNTING DATA

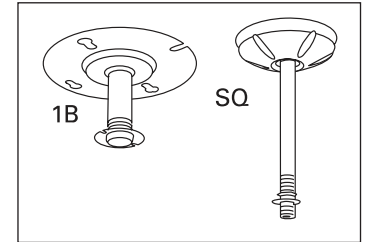
For unit or row installation, surface or stem mounting. Stem mounting not available on TLB units.

Individual Installation —

Two single-stem hangers required.

Row Installation —

One hanger per fixture plus one row required.



ORDERING INFORMATION

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

Example: LBL2 LP835

Series	Voltage	Color temperature
LBL2 2' wraparound, nominal 2000 lumens, 26 input watts	(blank) MVOLT (120-277)	LP835 82 CRI, 3500 Kelvin
LBL4 4' wraparound, nominal 4000 lumens, 50 input watts	347 347V ¹	LP840 82 CRI, 4000 Kelvin

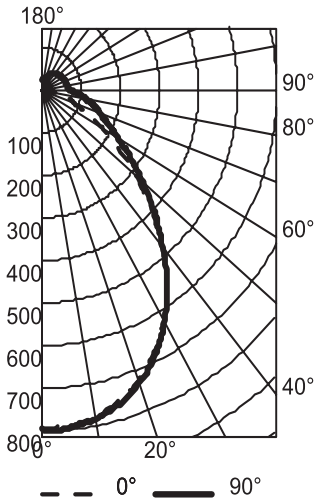
Notes

1 Non-stock standard manufacturing lead times apply.

LBL LED Wraparound

PHOTOMETRICS

LBL2 LP835, 2010.5 delivered lumens, test no. LTL22712, tested in accordance to IESNA LM-79.



CP Summary

	0°	90
0°	796	796
5°	791	796
15°	756	763
25°	678	685
35°	555	557
45°	395	406
55°	240	276
65°	123	186
75°	67	136
85°	23	92
90	3	74

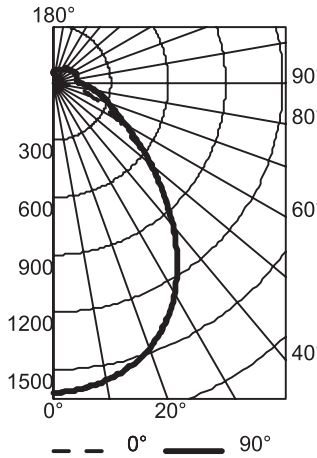
Coefficients of Utilization

RCR	pf	Coefficients of Utilization									
		80%			70%			50%			
	pc	pw	70%	50%	30%	50%	30%	10%	50%	30%	10%
0	116	116	116	112	112	112	105	105	105		
1	106	102	98	98	95	91	92	89	86		
2	97	90	83	87	81	76	82	77	73		
3	90	80	72	77	70	65	73	67	62		
4	83	71	63	69	62	56	65	59	54		
5	76	64	56	63	55	49	59	53	47		
6	71	58	50	57	49	43	54	47	42		
7	66	53	45	52	44	39	49	43	38		
8	62	49	41	48	40	35	45	39	34		
9	58	45	37	44	37	32	42	35	31		
10	54	42	34	41	34	29	39	33	28		

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0° - 30°	601	29.9	29.9
0° - 40°	947	47.1	47.1
0° - 60°	1472	73.2	73.2
0° - 90°	1773	88.2	88.2
90° - 120°	120	6.0	6.0
90° - 130°	156	7.8	7.8
90° - 150°	211	10.5	10.5
90° - 180°	238	11.8	11.8
0° - 180°	2010	100.0	100.0

LBL4 LP835, 4050.9 delivered lumens, test no. LTL22675, tested in accordance to IESNA LM-79.



CP Summary

	0°	90
0°	1620	1620
5°	1609	1608
15°	1541	1538
25°	1389	1384
35°	1132	1128
45°	811	814
55°	509	544
65°	295	358
75°	155	262
85°	51	174
90	6	140

Coefficients of Utilization

RCR	pf	Coefficients of Utilization									
		80%			70%			50%			
	pc	pw	70%	50%	30%	50%	30%	10%	50%	30%	10%
0	116	116	116	112	112	112	105	105	105		
1	107	102	98	99	95	92	92	89	87		
2	98	90	84	87	81	77	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	53	45	52	44	39	50	43	38		
8	62	49	41	48	40	35	46	39	34		
9	58	45	37	44	37	32	42	36	31		
10	54	42	34	41	34	29	39	33	28		

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0° - 30°	1223	30.2	30.2
0° - 40°	1929	47.6	47.6
0° - 60°	2995	73.9	73.9
0° - 90°	3595	88.7	88.7
90° - 120°	235	5.8	5.8
90° - 130°	303	7.5	7.5
90° - 150°	401	9.9	9.9
90° - 180°	456	11.3	11.3
0° - 180°	4051	100.0	100.0