

FEATURES & SPECIFICATIONS

INTENDED USE

For applications that require the clean appearance of a low-profile, brightness-controlled wraparound. Provides broad distribution of light for offices, schools and corridors. **Certain airborne contaminants can diminish integrity of acrylic.** [Click here for Acrylic Environmental Compatibility table for suitable uses.](#)

ATTRIBUTES

Curved prismatic diffuser with linear side prisms minimize lamp image and provides high angle brightness control. Luminous end plates soften appearance for improved aesthetics.

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 assure superior paint adhesion and rust resistance.

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

ELECTRICAL SYSTEM

Thermally-protected, resetting, Class P, HPF, non-PCB, UL Listed, CSA Certified ballast is standard. Luminaire is suitable for damp locations. AWM, TFN or THHN wire used throughout, rated for required temperatures.

UL/CSA listed ballast disconnect w/strain relief and leads provided standard.

LISTING

UL Listed (standard). Optional: Canada CSA or C-UL. Mexico NOM.

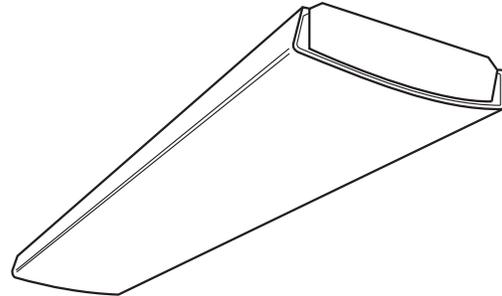
WARRANTY

Guaranteed for one year against mechanical defects in manufacture.

Catalog Number	
Notes	Type

Low-Profile Wraparound

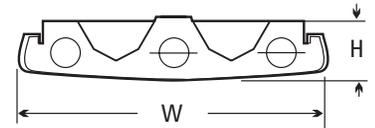
LB 3



T5 and T8
3 lamps
Wide body
4' or 8' length

Specifications

T8 Length:	24 (61.00) 48 (122.00) or 96 (243.90)
T5 Length:	46.5 (118.1) 22.5 (57.2)
Width:	15-3/8 (39.05)
Depth:	3 (7.62)



All dimensions are inches (centimeters).
Specifications subject to change without notice.

ORDERING INFORMATION

For shortest lead times, configure product using **standard options (shown in bold)**.

Example: LB 3 32 MVOLT GEB10IS

LB	3				
Series	Number of lamps	Lamp type	Voltage	Options	
LB 3 lamps, 15-3/8" wide	3 Not included	32 32W T8 (48") 28 28W T5 (46.5") ²	120 277 347 MVOLT Others available	1/3 One, three-lamp ballast GEB10IS Electronic ballast, ≤10% THD, instant start GEB10PS Electronic ballast, ≤10% THD, program start EL Emergency battery pack (nominal 300 lumens See Life Safety Section). GLR Internal fast-blow fuse. ¹ GMF Internal slow-blow fuse. ¹ LSC Lens safety clips (2 per fixture). LP_ Lamped; specify lamp type and color CSA Listed and labeled to comply with Canadian Standards. SSR Specular silver interior finish (95% reflective).	
For tandem, double-length unit, add prefix T. Example: TLB					

NOTES:

- Must specify voltage.
- All T5 lamp types use GEB10PS ballast only.

Accessories

Order as separate item

- SQ Swivel-stem hanger (specify in 2" increments).
- 1B Ceiling spacer (adjusts from 1-1/2" to 2-1/2" from ceiling).

LB 3 Low-Profile Wraparound, Wide Body

MOUNTING DATA

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

Individual installation — Four single-stem hangers required.

Row installation — Two hangers per fixture plus two per row required.

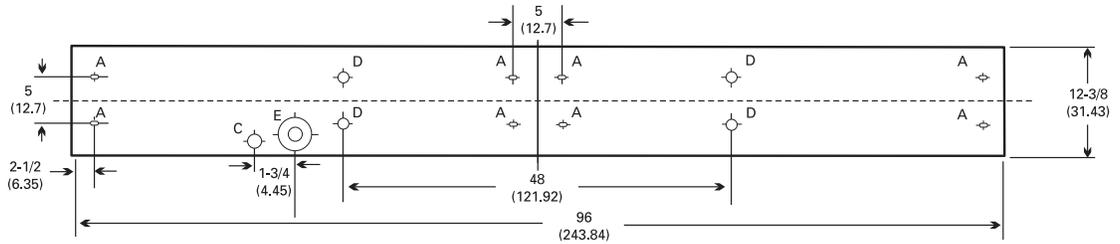
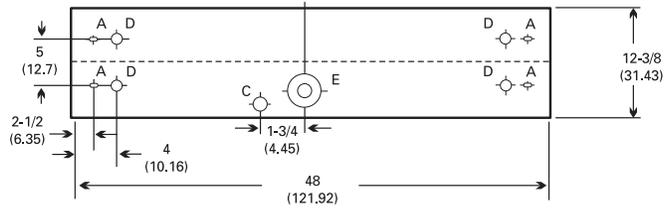
See ACCESSORIES below for hanging devices.



DIMENSIONS

Inches (centimeters). Subject to change without notice.

- A = 1/4 x 1/2 (.635 x 1.27) hole
- C = 7/8 (2.22) Dia.K.O.
- D = 11/16 (1.74) Dia. K.O.
- E = 2 (5.08) Dia. K.O. and 7/8 (2.22) Dia. K.O.



PHOTOMETRICS

Calculated using the zonal cavity method in accordance with IESNA LM41 procedure. Floor reflectances are 20%. Lamp configurations shown are typical. Full photometric data on these and other configurations available upon request.

LB 3 32

Report LTL 5638 – Lumens per lamp = 2900

S/MH (along) 1.2 (across) 1.3

Coefficient of Utilization

Ceiling	80%		70%		50%		30%		0%	
Wall	70%	50%	30%	70%	50%	30%	50%	30%	10%	0%
0	87	87	87	84	84	84	79	79	79	67
1	80	77	74	77	74	71	70	67	65	57
2	74	68	63	71	66	62	62	59	56	49
3	68	61	55	65	59	54	56	51	48	43
4	63	54	48	60	53	47	50	45	42	37
5	57	49	42	55	47	41	45	40	36	32
6	53	44	37	51	43	37	41	35	32	28
7	49	39	33	47	38	33	37	32	28	25
8	45	35	29	44	35	29	33	28	24	22
9	42	32	26	40	31	25	30	25	21	19
10	39	29	23	37	28	23	27	22	19	16

Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixture
0-30	1786	20.5	27.5
0-40	2935	33.7	45.1
0-60	4808	55.3	73.9
0-90	5835	67.1	89.7
90-180	668	7.7	10.3
0-180	6503	74.8	100.0

Energy (Calculated in accordance with NEMA standard LE-5)

LER.FW	ANNUAL ENERGY COST*	LAMP DESCRIPTION	LAMP LUMENS	BALLAST FACTOR	WATTS
65	\$3.69	(3) 32W T8	2850	.88	87

*Calculated in accordance with NEMA Standard LE-5.

