

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.](#)**

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).

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

ELECTRICAL — 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.

LISTINGS — UL listed to U.S. and Canadian Safety Standards. Optional: Canada CSA or Mexico NOM

WARRANTY — Guaranteed for one year against mechanical defects in manufacture.

Note: Specifications subject to change without notice.

Catalog Number
Notes
Type

Low-Profile Wraparound



LB

T8/T5
NARROW BODY
2', 4' or 8' length
2 lamps

Specifications

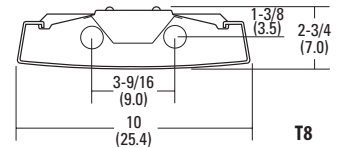
T8 Length: 24 (61.0)
48 (122.0)
96 (243.9)

T5 Length: 22-1/2 (57.2)
46-1/2 (118.1)
92-1/2 (235.0)

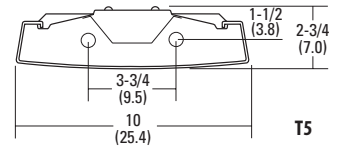
Width: 10 (25.4)

Depth: 2-3/4 (7.0)

All dimensions are inches (centimeters) unless specified otherwise.



T8



T5

ORDERING INFORMATION

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

Example: LB 2 32 MVOLT GEB10IS

Series	Number of lamps	Lamp type	Voltage	Options
LB 2 lamps, 10" wide For tandem double-length unit, add prefix T. Example: TLB	2 Not included	17 17W T8 (24") 32 32W T8 (48") 14T5 14W T5 (22-1/2") ¹ 24T5HO 24W T5 HO (22-1/2") ¹ 28T5 28W T5 (46-1/2") ¹ 54T5HO 54W T5 HO (46-1/2") ¹	120 277 347 MVOLT² Others available	GEB10IS T8 Electronic ballast, ≤10% THD, instant start ³ GEBIORS T8 Electronic ballast, ≤10% THD, program rapid start ³ GEB10PS T5 Electronic ballast, ≤10% THD, program start ⁴ GEB95 .95 ballast factor ⁵ GEB955 .95 ballast factor, step dimming ⁵ EL Emergency battery pack (nominal 300 lumens, see Life Safety Section) EL14 Emergency battery pack (nominal 1400 lumens, see Life Safety Section) GLR Internal fast-blow fuse ⁶ GMF Internal slow-blow fuse ⁶ CSA Listed and labeled to comply with Canadian Standards SSR Specular silver interior finish (95% reflective) NOM NOM certified

Accessories: Order as separate catalog number.

SQ	Swivel-stem hanger (specify in 2" increments).
1B	Ceiling spacer (adjusts from 1-1/2" to 2-1/2" from ceiling).
DSH24	Double stem hanger for 4' fixtures, 24" stems.

Notes

- T5 lamp types use GEBIOPS ballast.
- Electronic ballast 120 through 277V only.
- Only available with T8 configurations.
- Only available with T5 ballast.
- Only available with 14T5 or 28T5.
- Must specify voltage.

LB Low-Profile Wraparound, Narrow Body

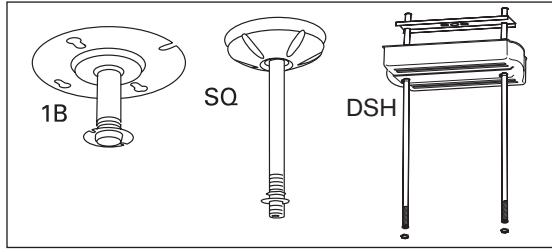
MOUNTING DATA

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 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) Oval Hole

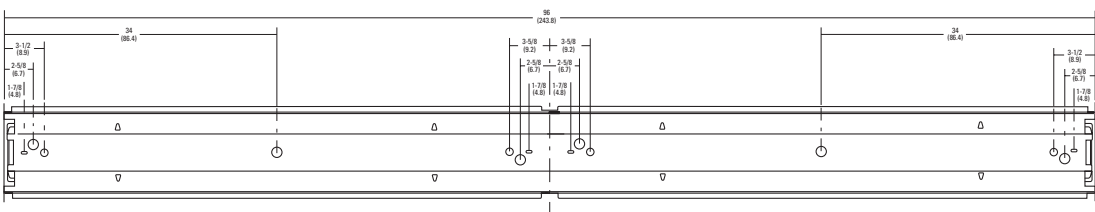
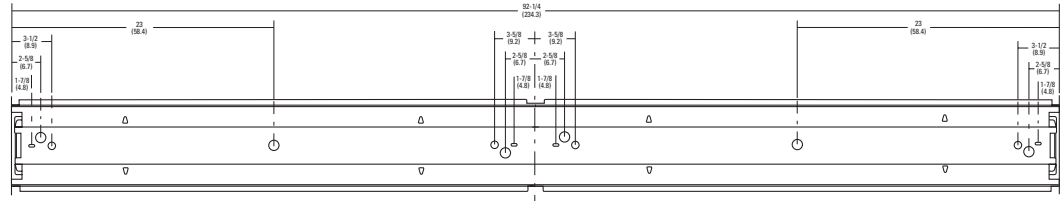
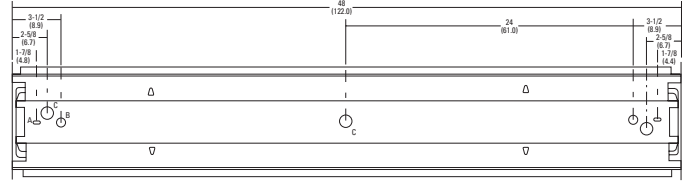
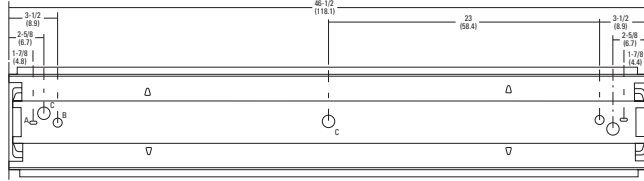
D = 11/16 (1.74) Dia. K.O.

B = 1/4 x 1/2 (.635 x 1.27) K.O.

E = 2 (5.08) Dia. K.O. and 7/8 (2.22) Dia. K.O.

C = 7/8 (2.22) Dia. K.O.

G = 1-1/8 (2.85) 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.

Test # LTL 19930 – LB 2 32 GEB10IS

Coefficient of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance: 20%

RCC%	80%				70%				50%				30%				10%				0%
RW%	70	50	30	0	70	50	30	0	50	30	20	10	50	30	20	10	50	30	20	10	0
RCR 0	.94	.94	.94	.94	.91	.91	.91	.70	.84	.84	.84	.78	.78	.78	.73	.73	.73	.73	.73	.70	.70
1	.86	.82	.78	.75	.82	.79	.75	.58	.73	.70	.68	.68	.66	.64	.63	.62	.60	.58	.58	.58	.58
2	.78	.71	.66	.61	.75	.69	.64	.49	.64	.60	.57	.60	.57	.54	.56	.53	.51	.48	.48	.48	.48
3	.72	.63	.57	.52	.69	.61	.55	.42	.57	.52	.48	.53	.49	.46	.50	.46	.44	.41	.41	.41	.41
4	.66	.56	.49	.44	.63	.54	.48	.37	.51	.46	.41	.48	.43	.40	.45	.41	.38	.36	.36	.36	.36
5	.61	.50	.43	.38	.58	.49	.42	.32	.46	.40	.36	.43	.38	.35	.40	.36	.33	.31	.31	.31	.31
6	.56	.46	.39	.33	.54	.44	.38	.29	.42	.36	.32	.39	.34	.31	.37	.33	.29	.28	.28	.28	.28
7	.52	.41	.34	.30	.50	.40	.34	.26	.38	.32	.28	.36	.31	.27	.34	.29	.26	.24	.24	.24	.24
8	.48	.38	.31	.26	.47	.37	.30	.23	.35	.29	.25	.33	.28	.24	.31	.27	.24	.22	.22	.22	.22
9	.45	.35	.28	.24	.43	.34	.28	.21	.32	.27	.23	.30	.25	.22	.29	.24	.21	.20	.20	.20	.20
10	.42	.32	.26	.22	.41	.31	.25	.19	.30	.24	.21	.28	.23	.20	.27	.22	.19	.18	.18	.18	.18

Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixture
0-30	1,280.7	20.7	25.3
0-40	2,100.9	33.9	41.5
0-60	3,462.7	55.8	68.5
60-90	876.9	14.1	17.3
70-100	705.0	11.4	13.9
90-120	505.6	8.2	10.0
0-90	4,339.6	70.0	85.8
90-180	718.3	11.6	14.2
0-180	5,057.9	81.6	100

Test # LTL 19928 – LB 2 28T5 GEB95

Coefficient of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance: 20%

RCC%	80%				70%				50%				30%				10%				0%
RW%	70	50	30	0	70	50	30	0	50	30	20	10	50	30	20	10	50	30	20	10	0
RCR 0	1.03	1.03	1.03	1.03	1.00	1.00	1.00	.77	.93	.93	.93	.86	.86	.86	.80	.80	.80	.80	.80	.80	.77
1	.94	.90	.86	.82	.90	.86	.83	.65	.81	.78	.75	.75	.73	.71	.70	.68	.67	.64	.64	.64	.64
2	.86	.79	.73	.68	.83	.76	.71	.55	.71	.67	.63	.66	.63	.60	.62	.59	.57	.54	.54	.54	.54
3	.79	.70	.63	.57	.76	.67	.61	.48	.63	.58	.54	.59	.55	.51	.56	.52	.49	.46	.46	.46	.46
4	.72	.62	.55	.49	.70	.60	.53	.42	.57	.51	.46	.53	.48	.44	.50	.46	.43	.40	.40	.40	.40
5	.67	.56	.48	.43	.64	.54	.47	.37	.51	.45	.40	.48	.43	.39	.45	.41	.37	.35	.35	.35	.35
6	.62	.51	.43	.37	.59	.49	.42	.33	.46	.40	.36	.44	.38	.34	.41	.37	.33	.31	.31	.31	.31
7	.57	.46	.39	.33	.55	.45	.38	.29	.42	.36	.32	.40	.35	.31	.38	.33	.30	.28	.28	.28	.28
8	.54	.42	.35	.30	.52	.41	.34	.26	.39	.33	.28	.37	.32	.28	.35	.30	.27	.25	.25	.25	.25
9	.50	.39	.32	.27	.48	.38	.31	.24	.36	.30	.26	.34	.29	.25	.32	.28	.24	.23	.23	.23	.23
10	.47	.36	.29	.24	.45	.35	.28	.22	.33	.27	.23	.32	.26	.23	.30	.25	.22	.21	.21	.21	.21

Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixture
0-30	1,239.0	23.8	26.7
0-40	2,020.6	38.9	43.6
0-60	3,264.4	62.8	70.4
60-90	765.6	14.7	16.5
70-100	626.7	12.1	13.5
90-120	421.8	8.1	9.1
0-90	4,030.0	77.5	86.9
90-180	607.0	11.7	13.1
0-180	4,637.0	89.2	100