

FEATURES & SPECIFICATIONS

INTENDED USE — Surface-mounted enclosed luminaire provides general illumination for rough service, ceiling or wall mount applications. Ideal for areas that require higher levels of protection from physical assault, while providing proper illumination for safety or security.

CONSTRUCTION — Designed for high efficiency, low lens brightness, and excellent lens surface uniformity. Uses T8 and T5 lamps and electronic ballast components.

Housing: Heavy-duty, 16-gauge galvanized steel, one-piece housing for durability and security.

Ballast Cover: Ballast and lampholders are installed to ballast cover to provide easy installation and service. Ballast cover safety chains included.

Gasket: One piece, closed cell neoprene pad mounting gasket is factory-installed to help seal against moisture, dust and insects.

Finish: Five-stage iron-phosphate pretreatment ensures superior paint adhesion and rust resistance. Painted parts finished with high-reflectance, white polyester powder coat.

OPTICS — Clear prismatic, injection-molded and UV-stabilized polycarbonate lens (0.130 inch thickness) completely encloses face and all sides of housing. No exposed metal surfaces. Lens is secured to housing with tamper-resistant TORX® TX-20 screws with center-pin reject (included). Optional lens (SCE) features easily removable molded-in lens membranes centered over endplate knockouts for surface conduit and wiring access. See instructions for continuous row mounting.

ELECTRICAL — Thermally-protected, resetting, Class P, HPF, non-PCB, UL listed, CSA certified ballast is standard. GEB, GEB10IS and MVOLT electronic ballasts have 0°F start temperature.

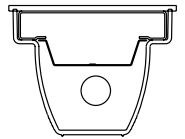
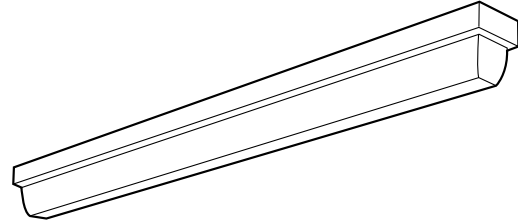
LISTINGS — UL Listed to US and Canadian safety standards (see Options). UL listed and labeled for wet locations.

Specifications subject to change without notice.

Enclosed Linear Fluorescent

VSLC

1 LAMP
2' or 4' Length



Specifications

	VSLC 2'	VSLC 4'
Length:	25-3/4 (65.4)	49-3/4 (126.4)
Width:	5-3/8 (13.7)	5-3/8 (13.7)
Depth:	4-1/2 (11.4)	4-1/2 (11.4)
Weight:	8lbs (3.6kg)	17lbs (7.7kg)

All dimensions are in inches (centimeters) unless otherwise specified.

ORDERING INFORMATION

For shortest lead times, configure products using **bolded options**.

Example: VSLC 1 17 120 GEB

VSLC	1	Wattage		Lens type	Voltage	Ballast	Options
VSLC	1	17	17W T8 (24")²	(blank) Solid-end lens	120	GEB10IS Instant start electronic ballast ≤10% THD	<u>Shipped installed in fixture</u>
		28T5	28W T5 (48")	SCE Surface conduit entry lens	277	GEB10PS Rapid start electronic ballast ≤10% THD	DL Damp location ⁵
		32	32W T8 (48")²		347	GEB10PS90 Program start electronic ballast ≤10% THD	GLR Internal fast-blow fusing ⁶
		54T5HO	54W T5HO (48") ³		MVOLT⁴		RIF1 Radio interference filter, one per fixture
							RIF2 Radio interference filter, one per ballast
							CSA Listed and labeled to comply with Canadian Standards

Notes

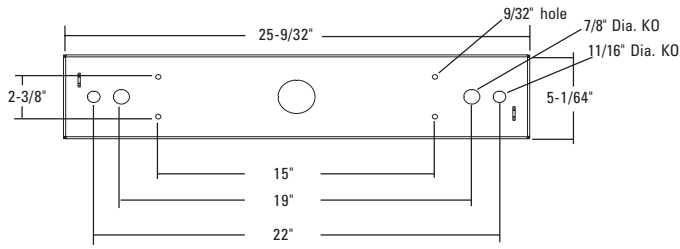
- Lamps not included.
- Requires GEB10IS or GEB10PS option.
- Requires GEB10PS90 ballast.
- Electronic ballast 120 through 277V only. MVOLT must specify GEB10IS.
- When DL option is specified, fixture will not be supplied with the pad mounting gasket.
- Must specify voltage. Not available MVOLT.

Accessories: Order as separate catalog number.	
RK1 T20BIT	Hex-base driver bit, Torx® TX-20
RK1 T20DRV	Screwdriver, Torx® TX-20
SCG	Surface conduit gasket (one pair, not installed)

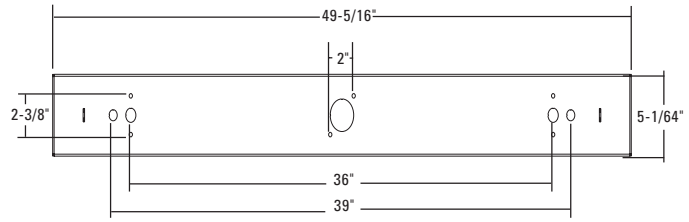
VSLC Enclosed Linear Fluorescent Lighting

MOUNTING DATA

For unit or row installation, surface mounting. Use fasteners suitable for ceiling or wall material. Refer to instruction sheet for specific details on row or conduit mounting.



VSLC 2FT



VSLC 4FT

PHOTOMETRICS

Full photometric data available upon request.

VSLC 1 17 GEB Test No. LTL9122

COEFFICIENT OF UTILIZATION

rf	rc	20%													
		80%			50%			30%			10%				
rw		70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
0		87	87	87	87	76	76	76	69	69	69	63	63	63	60
1		76	71	66	62	61	58	55	55	52	50	49	47	45	42
2		67	59	53	47	51	46	42	46	42	38	41	38	35	32
3		60	51	43	37	44	38	33	39	34	30	35	31	28	25
4		54	44	36	30	38	32	27	34	28	24	30	26	22	20
5		49	38	31	25	33	27	23	29	24	20	26	22	18	16
6		45	34	26	21	30	24	19	26	21	17	23	19	16	13
7		42	30	23	18	27	21	16	23	18	14	21	17	13	11
8		38	27	20	15	24	18	14	21	16	12	19	15	11	10
9		36	25	18	13	22	16	12	19	14	11	17	13	10	8
10		33	22	16	12	20	15	11	18	13	10	16	12	9	7

ZONAL LUMENS SUMMARY

Zone	Lumens	% lamp
0°-30°	105	7.5
0°-40°	204	14.6
0°-60°	474	33.9
0°-90°	845	60.3
90°-180°	236	16.9
0°-180°	1081	*77.2

*Fixture efficiency

VSLC 1 32 GEB Test No. LTL9121

COEFFICIENT OF UTILIZATION

rf	rc	20%													
		80%			50%			30%			10%				
rw		70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
0		87	87	87	87	76	76	76	69	69	69	63	63	63	60
1		76	71	66	62	61	57	54	55	52	50	49	47	45	42
2		67	59	53	47	51	46	42	46	42	38	41	38	35	32
3		60	51	43	37	43	38	33	39	34	30	35	31	27	25
4		54	44	36	30	37	31	27	34	28	24	30	26	22	20
5		49	38	31	25	33	27	22	29	24	20	26	22	18	16
6		45	34	26	21	29	23	18	26	21	17	23	19	16	13
7		42	30	23	18	26	20	16	23	18	14	21	17	13	11
8		38	27	20	15	23	18	14	21	16	12	19	15	11	10
9		36	25	18	13	21	16	12	19	14	11	17	13	10	8
10		33	22	16	12	19	14	10	18	13	10	16	12	9	7

ZONAL LUMENS SUMMARY

Zone	Lumens	% lamp
0°-30°	211	7.4
0°-40°	412	14.5
0°-60°	964	33.8
0°-90°	1717	60.2
90°-180°	481	16.9
0°-180°	2197	*77.1

*Fixture efficiency