LITHONIA LIGHTING®

Catalog Number	
Notes	
Type	

FEATURES & SPECIFICATIONS

INTENDED USE — The VT™ troffer combines the aesthetics and high performance levels of volumetric lighting, with the best value for offices, schools, retail locations and hospitals. Available in one-, two- or three-lamp configurations, with T5 or T8 lamps, this series provides the ultimate in design flexibility. **Certain airborne contaminants can diminish integrity of acrylic. Click here for Acrylic Environmental Compatibility table for suitable uses.**

CONSTRUCTION — Rugged, one-piece cold-rolled steel coated polyester, painted after fabrication with embossed facets (smooth also available; see Options).

Impact-modified, single clear acrylic diffuser provides excellent shielding and wide distribution.

End plates include integral T-bar clips.

Fixture may be mounted and wired in continuous rows.

Total fixture height is only 4-3/8".

OPTICS — Volumetric illumination is achieved by creating an optimal mix of light to walls, partitions, vertical and horizontal work surfaces — rendering the interior space, objects and occupants in a more balanced, complementary luminous environment.

Linear faceted reflector cavity softens and distributes light into the space while minimizing luminous contrast between the fixture and ceiling.

Sloped end plates provide a smooth, luminous transition between fixture and ceiling while enhancing the perception of fixture depth.

ELECTRICAL — Highly efficient program-start electronic ballasts, Class P, thermally protected, resetting, HPF, non-PCB, UL Listed, CSA certified, sound rated A.

Luminaire is suitable for damp locations. AWM, TFM or THHN wire used throughout, rated for required temperatures.

Step-level dimming option allows system to be switched to 50% power for compliance. (GEB115S)

Ballast disconnect provided where required to comply with US and Canadian codes.

INSTALLATION — Unique grid interfacing arrangement provides mounting into standard 1" and 9/16" tee bar or screw slot grids. 9/16" allows fixture trim to hang level with architectural ceiling tiles.

Drywall ceiling adaptors available.

LISTINGS — UL Listed to US and Canadian safety standard.

Patents pending.

WARRANTY — 1-year limited warranty. Complete warranty terms located at www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx .

Actual performance may differ as a result of end-user environment and application.

Note: Specifications subject to change without notice.

VT



2' x 2'
T5 or T8
One, two or three lamps

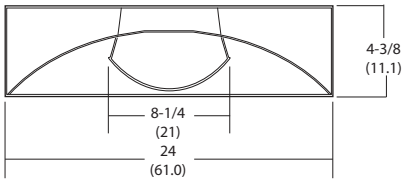
Specifications

Length: 24 (61.0)

Width: 24 (61.0)

Depth: 4-3/8 (11.1)

All dimensions are inches (centimeters) unless otherwise specified.



ORDERING INFORMATION

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

Example: 2VT8 2 17 ADP MVOLT GEB10IS LP835

Series	Air function	Number of lamps	Wattage	Diffuser	Voltage	Ballast configuration
2VT5 T5 2X2 volumetric troffer	(blank) Static	1	14T5 14W T5 (22")	ADP Acrylic linear prismatic	MVOLT[1]	(blank) One or two lamps, per Lithonia Lighting standards
2VT8 T8 2X2 volumetric troffer	H Heat removal	2	17 17W T8 (24")		347	1/3 One, three-lamp ballast
		3	24T5HO 24W T5HO (22")			

Ballast	Lamp	Options
GEB10IS T8 electronic, <10% THD, instant start	LP835 80+ CRI, 3500 Kelvin	GLR Fast-blow fuse[2]
GEB10PS T5 and T8 electronic, <10% THD, programmed start	LP841 80+ CRI, 4100 Kelvin	RSW Smooth reflector
GEB115 T5 electronic, <10% THD 1.15 ballast factor, programmed start	LP830 80+ CRI, 3000 Kelvin	EL14 Emergency battery pack, 1400 lumens
GEB115S T5 electronic, <10% THD 1.15 ballast factor, step dimming, programmed start		EL Emergency battery pack
		CSA Meets Canadian standards[3]

Accessories: *Order as separate catalog number.*

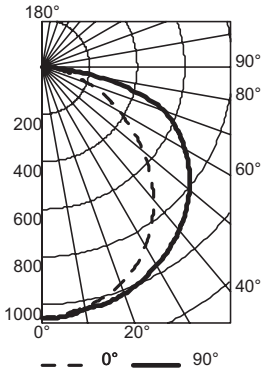
DGA22 FS/VT	Drywall ceiling adaptor, unit installation
2VT2 F916	Trim to adjust fixture mounting flush with 9/16" T-bar; for 2x2 fixture

Notes
1 MVOLT (120-277V) 50-60Hz.
2 Must specify 120 or 277.
3 347 only.

2VT Volumetric Recessed Lighting 2'x2'

PHOTOMETRICS

2VT5 2 24T5HO ADP; 1750 lumens per lamp; s/m 1.2 (along), 1.4 (across; test no. LTL19375.



CP Summary

	0°	90
0°	1056	1056
5°	1046	1055
15°	1005	1033
25°	928	994
35°	804	934
45°	645	856
55°	464	755
65°	290	627
75°	143	405
85°	31	66
90	4	0

Coefficients of Utilization

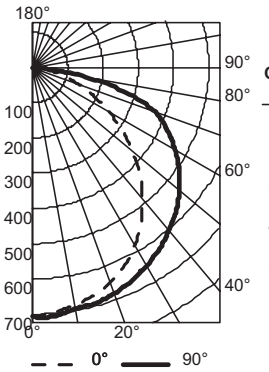
RCR	pf 20% pc 80% pw 70%	80% 50%	80% 30%	70% 50%	70% 30%	70% 10%	50% 50%	50% 30%	50% 10%
0		114	114	114	111	111	111	106	106	106
1		103	98	94	96	92	89	92	89	86
2		93	85	78	83	77	71	80	74	70
3		85	74	66	72	65	59	70	63	58
4		77	65	56	64	56	49	61	54	49
5		71	58	49	57	49	42	55	47	42
6		65	52	43	51	43	37	49	42	36
7		60	47	38	46	38	32	45	37	32
8		56	43	35	42	34	29	41	34	29
9		52	39	31	39	31	26	38	31	26
10		49	36	29	36	28	23	35	28	23

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0° - 30°	830	23.7	24.8
0° - 40°	1375	39.3	41.1
0° - 60°	2510	71.7	75.1
0° - 90°	3341	95.5	100.0
90° - 180°	0	0.0	0.0
0° - 180°	3341	95.5	100.0

Efficiency: 95.5%

2VT5 2 14T5 ADP; 1200 lumens per lamp; s/m 1.2 (along), 1.4 (across); test no. LTL19356.



CP Summary

	0°	90
0°	707	707
5°	697	708
15°	669	693
25°	619	667
35°	537	628
45°	430	576
55°	310	508
65°	193	423
75°	96	275
85°	21	45
90	3	0

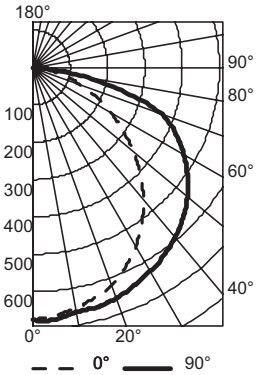
Coefficients of Utilization

RCR	pf 20% pc 80% pw 70%	80% 50%	80% 30%	70% 50%	70% 30%	70% 10%	50% 50%	50% 30%	50% 10%
0		111	111	111	109	109	109	104	104	104
1		101	96	92	94	90	87	90	87	84
2		91	83	76	81	75	70	78	73	68
3		83	72	64	71	63	57	68	62	56
4		76	64	55	63	55	48	60	53	48
5		69	57	48	56	48	41	54	46	41
6		64	51	42	50	42	36	48	41	36
7		59	46	38	45	37	32	44	37	31
8		55	42	34	41	34	28	40	33	28
9		51	38	31	38	30	25	37	30	25
10		48	35	28	35	28	23	34	27	23

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0° - 30°	556	23.2	24.8
0° - 40°	921	38.4	41.1
0° - 60°	1684	70.1	75.1
0° - 90°	2243	93.5	100.0
90° - 180°	0	0.0	0.0
0° - 180°	2243	93.5	100.0

2VT8 2 17T8 ADP; 1350 lumens per lamp; s/m 1.2 (across), 1.4 (along); test no. LTL19405.



CP Summary

	0°	90
0°	676	676
5°	666	677
15°	639	665
25°	588	644
35°	509	613
45°	408	568
55°	295	506
65°	186	423
75°	92	258
85°	22	44
90	3	0

Coefficients of Utilization

RCR	pf 20% pc 80% pw 70%	80% 50%	80% 30%	70% 50%	70% 30%	70% 10%	50% 50%	50% 30%	50% 10%
0		95	95	95	93	93	93	89	89	89
1		87	82	79	81	77	74	77	74	72
2		78	71	65	70	64	60	67	62	58
3		71	62	55	61	54	49	58	53	48
4		65	55	47	54	47	41	52	46	41
5		59	49	41	48	41	35	46	40	35
6		55	44	36	43	36	31	41	35	30
7		51	39	32	39	32	27	38	31	27
8		47	36	29	35	29	24	34	28	24
9		44	33	26	32	26	22	31	26	21
10		41	30	24	30	24	19	29	23	19

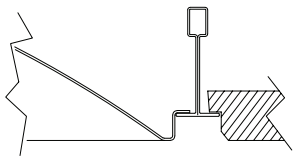
Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0° - 30°	533	19.7	24.6
0° - 40°	884	32.8	40.9
0° - 60°	1624	60.1	75.1
0° - 90°	2163	80.1	100.0
90° - 180°	0	0.0	0.0
0° - 180°	2163	80.1	100.0

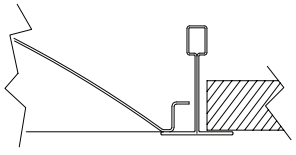
Efficiency: 80.1%

MOUNTING DATA

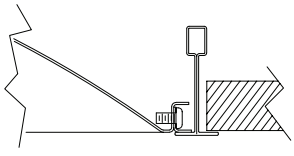
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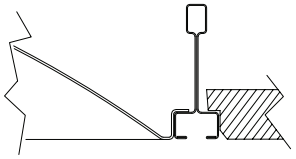
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9/16
with accessory 2VT2 F916



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