GUARDSMAN GVS SERIES 2X2

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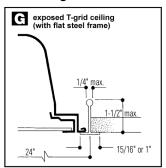
VANDAL RESISTANT 2'x2' RECESSED FLUORESCENT STATIC 2, 3 OR 4 LAMP T8

Features

- Excellent for locations where vandal resistance is required.
- Prismatic lens (VL) is 3/16" thick pattern 12, minimum impact strength, 130 foot pounds.
- Prismatic lens (VK) is 9/64" thick pattern 12, minimum impact strength, 80 foot pounds.
- Full perimeter gasketing (closed cell Neoprene) between door frame and lens.
- Tamper resistant holt head screws secure lens to housing.
- 5" deep body.
- 69.3% efficient (T8).
- Hemmed over side rails for maximum safety.
- Fixture ends turned-in for safe handling.
- Built-in earthquake clips (patent no. 5,072,344).
- Spring loaded rooster head latches.
- 18 gauge steel hinges.



Mounting Methods / Features



drywall kit (see options)

Type "G"

Élxture

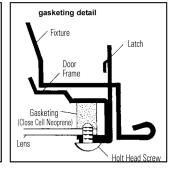
Ceiling Opening 24-5/16"_{[X} 24-5/16" Support

Drywall Kit

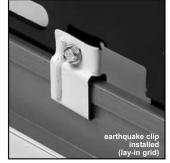
(See Options) Drywall

<u>(by</u> others)

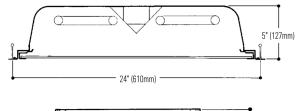
Plaster ceiling/flanged. (with regressed aluminum frame) Plaster Opening 24-1/8" min. 3-3/4" max. 13/16"

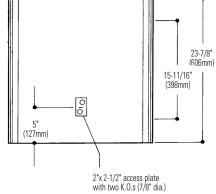






Dimensions





ZZ FLUORESCENT

FIXTURE TYPE	VOLIS
JOB INFORMATION:	
-	

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GUARDSMAN GVS SERIES 2X2

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VANDAL RESISTANT 2'x2' RECESSED FLUORESCENT STATIC 2, 3 OR 4 LAMP T8

PHOTOMETRY

MODEL NO. GVS2GFSVK26U

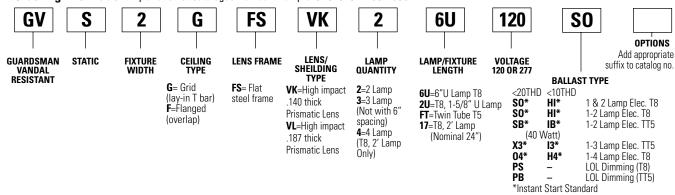
LER = FL - 58.9 IW - 56.4 BF - 0.87 Comparative yearly lighting energy cost per 1000 lumens = \$4.07

HESTIN LABOR	ATORY	45 Industrial Way Wilmington, MA 01887 (978) 657-7600	
REPORT NO.: CATALOG NO.: LAMP(S): LUMINAIRE:	G00110 GVS2GFSVK26U120S 2 T8 U6, EACH RA VANDAL RESISTAN TRIAD B232I120RH 0.47 AMPS 56.4	TED 2750 F TROFFER -A	DATE: 02/13/01) LUMENS. WITH FS FRAME AND VK LENS
CANDELA DISTRIBUTION 0.0 22.5 0 1680 1680 5 1671 1671 1671 1575 25 1440 1452 25 906 255 527 4277 75 152 148 85 53 56 90 0 0 0	UTION 45.0 67.5 90.0 45.0 67.5 90.0 1669 1674 1619 1624 1477 1508 1519 17283 1330 1353 917 987 1022 268 280 282 154 167 174 58 70 0 0 0	159 454 682 804 725 476 278 167 65	
0-40 2 0-60 3 0-90 3 90-180		%FIXT 34.0 55.1 86.6 100.0 0.0 100.0	
TOTAL LUMINAIRE TOTAL REFLECTAN CIE TYPE - DIRE PLANE SPACING CRITERI SHIELDING ANGLE PLANE LUMINOUS LENGTH	CE OF PAINT = CT : 0-DEG 90-DEG A: 1.2 1.3 S: 90 90 : 0-DEG 90-DEG	69.3 % 90.0 %	1200
	IN CANDELA/SQ M AVERAGE AVERAGE 45-Deg 90-Deg 4167. 4644. 2862. 3148. 2037. 2144. 1912. 2160. 2138. 2691.		1800 15' 30' 15' 30' 15' 15' 30' 15' 15' 15' 15' 15' 15' 15' 15' 15' 15

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ratio 8 S	70	65	61	61	58	55	59	56	54
<u>ia</u> 3	65	58	53	55	51	47	53	50	47
cavity 6 6	60	52	46	49	45	41	48	44	41
§ 5	55	47	41	45	40	36	43	39	36
€ 6	51	43	37	41	36	32	40	35	32
тоол 2	48	39	33	37	32	29	36	32	29
2 8	44	36	30	34	29	26	33	29	26
9	42	33	27	32	27	24	31	27	23
10	39	30	25	29	25	22	29	24	21
visual comfort probability (rated lumens per lamp 3150.)									

10	O I 39	30	2	5		29	25	22		2	9	24	21
visual comfort probability (rated lumens per lamp 3150.)													
ro	room size ceiling height							ceiling	heigh:	t			
W	L		8.5	10.0	13.0	16.0			8.5	10.0	13.0	16.0	
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20	30		58	62	68	73			56	60	66	71	
20	40		54	58	63	66			51	55	61	65	
20	60		51	55	58	62			46	51	55	59	
30	20		66	70	75	80			65	69	74	78	
30	30		58	62	67	71			56	60	66	69	
30	40		54	57	61	64			50	54	59	63	
30	60		50	53	56	59			46	50	53	57	
30	80	L iğ _	49	51	53	56			44	47	49	53	
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60	100		48	49	49	52			43	45	45	49	
100	40		57	60	62	66			56	59	61	65	
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100	80		50	52	52	55			47	49	50	53	
100	100	I	10	50	40	52	- 1		15	46	46	18	

Ordering Information Explanation of Catalogue Number Example: GVS2GFSVK26U120SO



OPTIONS/ACCESORIES

SCREWDRIVER: For holt head screw. Order Catalog Number:

LP156737.

FUSING:Internal fast-blow fusing. SUFFIX: F. ELECTRICAL/WIRING OPTIONS: Consult factory. DRYWALL KIT: Order Catalog Number: FK92X2.

(Reguest Folio OA30-10).

SPECIFICATIONS

PERFORMANCE: In an installation of 2 lamp 31W luminaires in a room cavity ratio of 1, reflectance 80% ceiling, 50% wall, 20% floor, the C.U. shall not be less than .73. To prevent glare the VCP shall be not less than 40 either lengthwise or crosswise (at 100fc level) and the average brightness at 65° shall not exceed 2144 candelas per square meter. To control veiling reflections, luminaire output in the 30°-90° zone shall not be less than 66.0%.

MATERIALS: Chassis parts are die-formed code gauge cold rolled steel. Housing with side rails hemmed over and housing ends turned-in for safe handling.

FINISH: Chassis exterior—black baked polyester enamel. Cavity—white baked polyester enamel minimum 86% reflectance. Phosphate undercoating.

Lenses: (VL) Prismatic lens is 3/16" thick, pattern 12, minimum impact strength, 130 foot pounds. (VK) Prismatic lens is 9/64" thick, pattern 12, minimum impact strength, 80 foot pounds. **ELECTRICAL:** Thermally protected class "P" ballast C.B.M. approved, non PCB. If K.O. is within

3" of ballast, use wire suitable for at least 90°.

LABELS: I.B.E.W./UL AND C-UL.

Job Information

Type:

Lightolier a Genlyte Thomas Company Technical Information: (978) 657-7600 - (978) 658-0595

631 Airport Road, Fall River, MA 02720 - (508) 679-8131 C.F.I. Division of Canlyte, Inc.

525 Education Road, Cornwall, Ontario, Canada K6H 6C7 - (613) 938-6221 We reserve the right to change details of design, materials and finish.
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