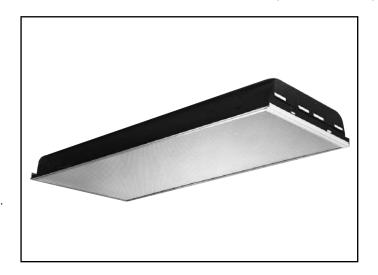
CLEANGUARD WET LOCATION WES SERIES 2X4

Page 1 of 2

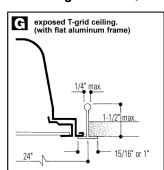
2'x4' RECESSED FLUORESCENT FOR WET LOCATIONS COVERED CEILING USE 2, 3 OR 4 LAMP, T8

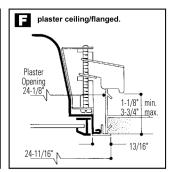
Features

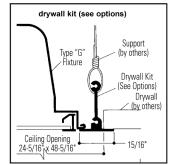
- UL and C-UL Listed for wet or damp locations for covered ceiling use.
- Full perimeter gasketing (closed cell Neoprene) between door frame and lens, between housing and door frame.
- Door frame is post painted, baked acrylic enamel.
- 5" deep body.
- 81.2% efficient (T8).
- Hemmed over side rails for maximum safety.
- Fixture ends turned-in for safe handling.
- Built-in earthquake clips (patent no. 5,072,344).
- Slimline door frame with 475 square inch lens opening.
- Mitered corner steel lens frame.
- Spring loaded rooster head latches.
- 18 gauge steel hinges.
- Flat and regressed aluminum doors available.

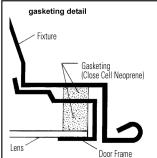


Mounting Methods / Features





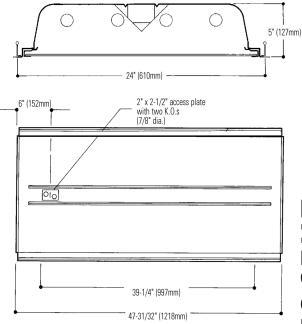








Dimensions



FIXTURE TYPE

JOB INFORMATION:

ZZ FLUORESCEN

VOLTS

CLEANGUARD WET LOCATION WES SERIES 2X4

Page 2 of 2

2'x4' RECESSED FLUORESCENT FOR WET LOCATIONS COVERED CEILING USE 2, 3 OR 4 LAMP, T8

PHOTOMETRY

MODEL NO WES2GESVA432

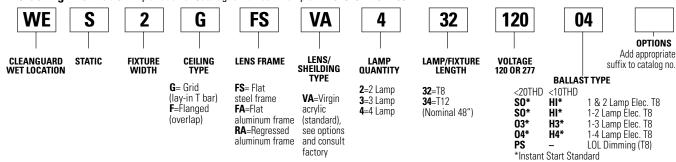
LER = FL - 73.2 IW - 108.7 BF - 0.86 Comparative yearly lighting energy cost per 1000 lumens = \$3.28

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ZONAL LUMEN SUMMARY ZONE LUMENS SLAMP STATE OF S	0 3690 3690 3690 3690 3690 3690 5 3673 3678 3678 3679 3699 3685 15 3546 3566 3580 3598 3612 15 3546 3566 3580 3598 3612 15 3546 2462 3248 3025 3056 45 2192 2236 2316 2408 2457 55 1410 1433 1515 1577 1513 65 770 717 765 729 835 68 770 717 765 729 835 88 778 183 352 317 319	1012 2 24 778 1545 1839 1784 13149 790 190
LUMINANCE DATA IN CANDELA/SQ M ANGLE AVERAGE AVERAGE AVERAGE AVERAGE 4.5 m. d.	ZONE LUMENS \$LAMP \$ 0-30 2906 25.5 0-40 2906 25.5 0-40 4078 41.5 0-90 9257 81.2 1 90-180 9257 81.2 1 TOTAL LUMINAIRE EFFICIENCY = 81 CIE TYPE - DIRECT PLANE FLANE SPACING CRITERIA: 0-DEG 90-DEG SPACING ANGLES: 0-DEG 90-DEG	PTXP 1250 60
	LUMINANCE DATA IN CANDELA/SQ M ANGLE AVERAGE AVERAGE AVERAGE IN DES 0-DES 45-DES 50-DES 55-5785, 4067, 4330, 65-2806, 2787, 3108, 75-2618, 2112, 2320, 85-3145, 2685, 2456,	Checked MB Approved & Beattle

	RF		20			20			20	
	RC		80				30			
	RW	70	50	30	50	30	10	50	30	10
	1	89	85	82	80	78	76	77	75	73
ratio	2	82	75	70	71	67	64	68	65	62
ā	3	75	67	61	63	58	54	61	57	53
≟	4	69	60	53	57	51	47	55	50	46
room cavity	5	64	54	47	51	45	41	50	44	41
	6	59	49	42	46	41	36	45	40	36
	7	55	44	37	42	36	32	41	36	32
	8	51	40	34	39	33	29	38	33	29
	9	48	37	31	36	30	26	35	30	26
	10	45	34	28	33	28	24	32	27	24

10 1	70	0-1		U		20 2		4		U,	_ 4	_ /	
visual comfort probability (rated lumens per lamp 3150.)													
room	size	ceiling height							ceiling height				
W	L		8.5	10.0	13.0	16.0			8.5	10.0	13.0	16.0	
20	20		57	62	69	77			57	60	67	75	
20	30		49	54	59	66			52	54	58	64	
20	40		45	49	54	59			49	51	54	57	
20	60		41	45	49	54			46	49	51	54	
30	20		59	63	68	75			59	62	66	73	
30	30		50	54	58	64			53	55	57	62	
30	40		45	49	52	56			49	51	53	55	
30	60	-	41	44	47	51			46	48	49	52	
30	80	Lig.	39	42	43	47		Se	44	46	47	50	
40	20	lengthwise	61	65	69	74		crosswise	61	64	68	73	
40	30) dt	52	56	59	64		SS	54	57	59	62	
40	40	<u>e</u>	47	50	53	56			50	52	54	56	
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60	100		38	40	40	43			43	45	45	47	
100	40		51	54	56	59			53	55	56	59	
100	60		46	48	49	53			49	51	51	53	
100	80		42	44	44	48			46	48	48	50	
100	100	l	40	42	42	44			44	46	46	47	

Ordering Information Explanation of Catalogue Number Example: WES2GFSVA43212004



OPTIONS/ACCESORIES

SPECIAL LENSES: Substitute VI for VA (standard) = .125" nominal pattern 12 with 6.8 oz. average weight per square foot. Internal fast-blow fusing. SUFFIX: F.

ELECTRICAL/WIRING OPTIONS: Consult factory.

DRYWALL KIT: Order Catalog Number: FK92X4

(Request Folio OA30-10).

SPECIFICATIONS

PERFORMANCE: In an installation of 4 lamp 32W luminaires in a room cavity ratio of 1, reflectance 80% ceiling, 50% wall, 20% floor, the C.U. shall not be less than .85. To prevent glare the VCP shall be not less than 43 either lengthwise or crosswise (at 100fc level) and the average brightness at 65° shall not exceed 3108 candelas per square meter. To control veiling reflections, luminaire output in the 30°-90° zone shall not be less than 68.6%.

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: VA (standard) extruded virgin acrylic, 3/16" square based female cones, running 45° to the panel edge, .095" nominal thickness (similar to pattern 12). VI (optional) .125" nominal pattern 12 with 6.8 oz. average weight per square foot.

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°.

Job Information

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

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. © 2005 Genlyte Thomas Group LLC (Lightolier Division) Δ0902

Section 6 / Folio U-N30-12

