

CLEANGUARD WET LOCATION WES SERIES 2X4

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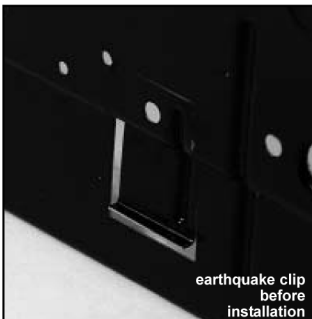
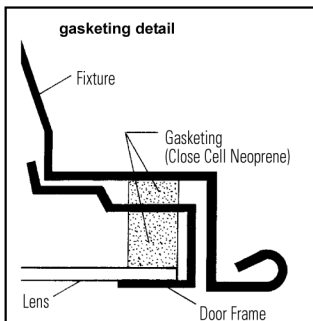
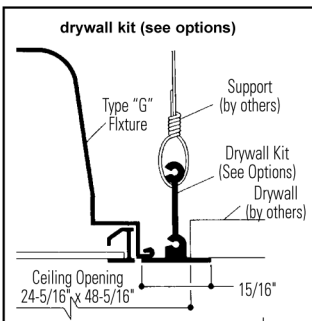
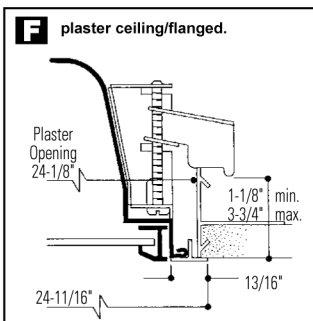
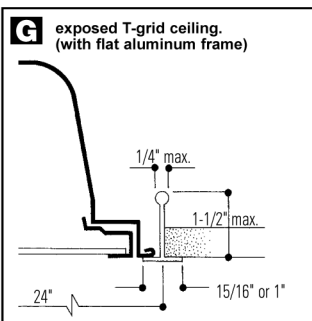
2'x4' RECESSED FLUORESCENT FOR WET LOCATIONS
COVERED CEILING USE 2, 3 OR 4 LAMP, T8

Features

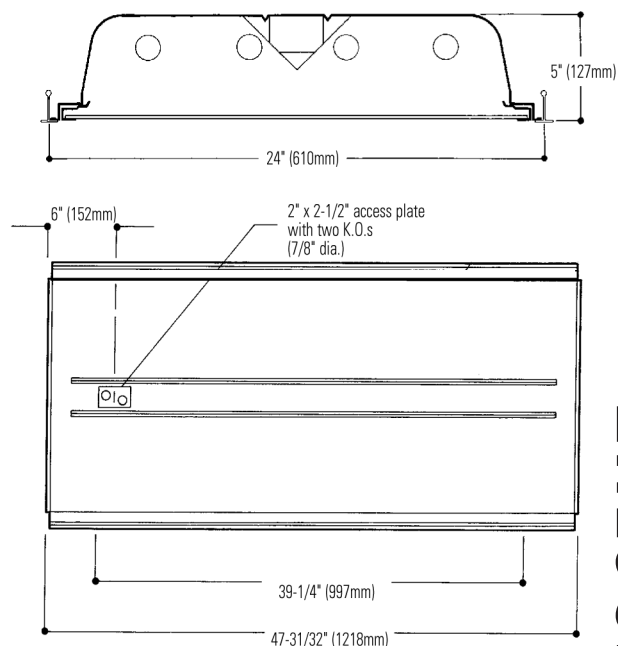
- UL and C-UL Listed for wet or damp locations for covered ceiling use.
- Full perimeter gasketing (closed cell Neoprene) between door frame and lens, between housing and door frame.
- Door frame is post painted, baked acrylic enamel.
- 5" deep body.
- 81.2% efficient (T8).
- Hemmed over side rails for 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

VOLTS

JOB INFORMATION:

CLEANGUARD WET LOCATION WES SERIES 2X4

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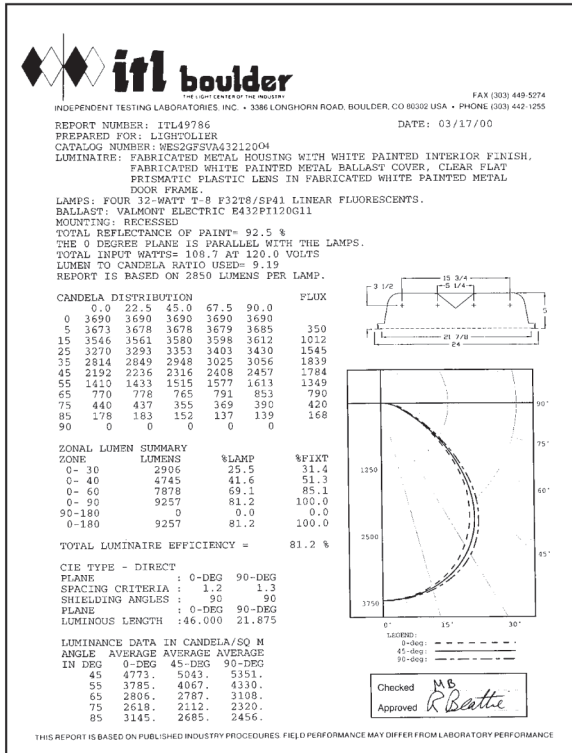
2'x4' RECESSED FLUORESCENT FOR WET LOCATIONS COVERED CEILING USE 2, 3 OR 4 LAMP, T8

PHOTOMETRY

MODEL NO. WES2GFSVA432

LER = FL - 73.2 IW - 108.7 BF - 0.86

Comparative yearly lighting energy cost per 1000 lumens = \$3.28



coefficients of utilization — zonal cavity method (effective floor cavity reflectance 0.20)

	RF	20			50			75		
		RC	50	30	RC	50	30	RC	50	30
room cavity ratio	RW	70	50	30	50	30	10	50	30	10
		1	89	85	82	80	78	76	77	75
2	82	75	70	71	67	64	68	65	62	63
3	75	67	61	63	58	54	61	57	53	52
4	69	60	53	57	51	47	55	50	46	46
5	64	54	47	51	45	41	50	44	41	41
6	59	49	42	46	41	36	45	40	36	36
7	55	44	37	42	36	32	41	36	32	32
8	51	40	34	39	33	29	38	33	29	29
9	48	37	31	36	30	26	35	30	26	26
10	45	34	28	33	28	24	32	27	24	24

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	39	42	43	47	44	46	47	50
40	20	61	65	69	74	61	64	68	73
40	30	52	56	59	64	54	57	59	62
40	40	47	50	53	56	50	52	54	56
40	60	42	45	47	50	46	49	49	51
40	80	39	42	43	46	44	47	47	49
40	100	38	40	41	44	43	45	46	47
60	30	54	58	60	64	55	58	59	63
60	40	48	51	53	57	51	53	54	56
60	60	43	45	47	50	47	49	49	51
60	80	40	42	43	46	44	46	47	49
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	40	42	42	44	44	46	46	47

Ordering Information Explanation of Catalogue Number Example: WES2GFSVA43212004

WE	S	2	G	FS	VA	4	32	120	04	OPTIONS Add appropriate suffix to catalog no.
CLEANGUARD WET LOCATION	STATIC	FIXTURE WIDTH	CEILING TYPE	LENS FRAME	LENS/ SHIELDING TYPE	LAMP QUANTITY	LAMP/FIXTURE LENGTH	VOLTAGE 120 OR 277	BALLAST TYPE	
			G= Grid (lay-in T bar) F=Flanged (overlap)	FS= Flat steel frame FA=Flat aluminum frame RA=Regressed aluminum frame	VA=Virgin acrylic (standard), see options and consult factory	2=2 Lamp 3=3 Lamp 4=4 Lamp	32=T8 34=T12 (Nominal 48")	<20THD S0* S0* O3* O4* PS *Instant Start Standard	<10THD H1* H1* H3* H4* — LOL Dimming (T8)	1 & 2 Lamp Elec. T8 1-2 Lamp Elec. T8 1-3 Lamp Elec. T8 1-4 Lamp Elec. T8

OPTIONS/ACCESSORIES

SPECIAL LENSES: Substitute **VI** for **VA** (standard) = .125" nominal pattern 12 with 6.8 oz. average weight per square foot.

DRYWALL KIT: Order Catalog Number: **FK92X4**. (Request Folio OA30-10).

FUSING: Internal fast-blow fusing. SUFFIX: **F**.

ELECTRICAL/WIRING OPTIONS: Consult factory.

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°.

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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A0902

Section 6 / Folio U-N30-12

CFI FLUORESCENT