

CLEANGUARD WET LOCATION WES SERIES 1X4

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1'x4' RECESSED FLUORESCENT FOR WET LOCATIONS
COVERED CEILING USE 1 OR 2 LAMPS, T8 OR T12

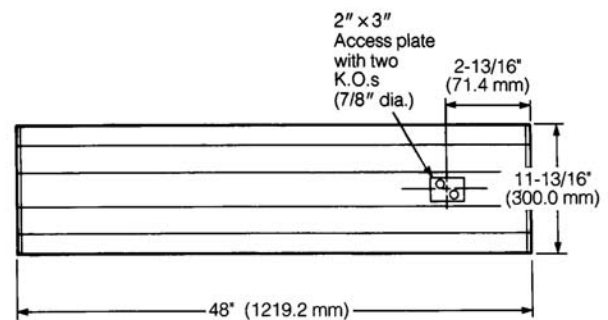
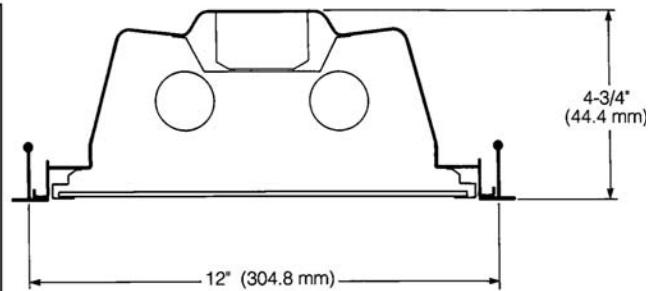
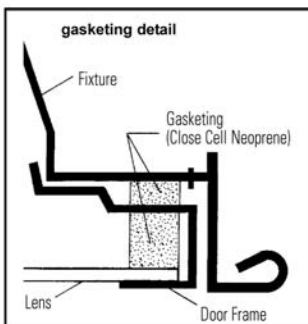
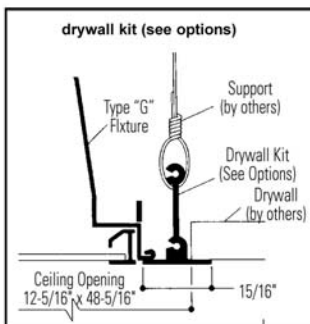
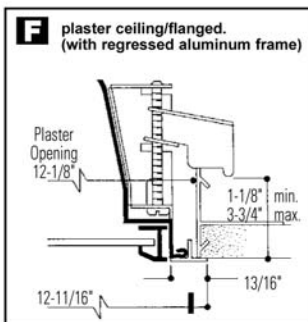
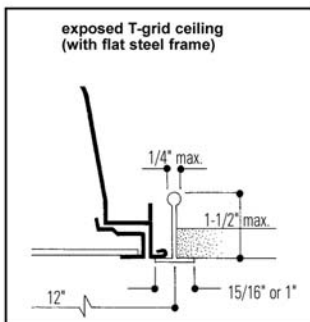
Features

- 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.
- 4-3/4" deep body.
- 64.6% efficient (T8).
- Turned up edges for safe handling.
- Fixture ends turned-in for safe handling.
- 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: _____	

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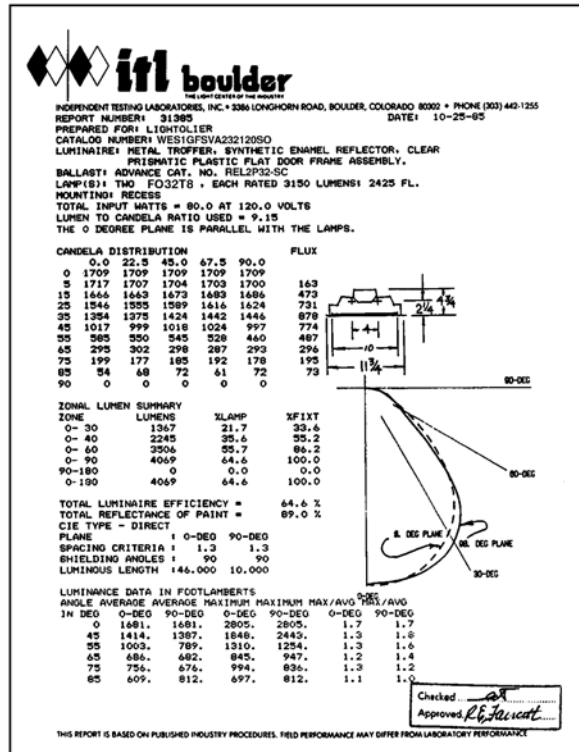
1'x4' RECESSED FLUORESCENT FOR WET LOCATIONS COVERED CEILING USE 1 OR 2 LAMPS, T8 OR T12

LER = FL - 48.3 IW - 80.0 BF - 0.95

Comparative yearly lighting energy cost per 1000 lumens = \$5.00

PHOTOMETRY

MODEL NO. WES1GFSVA232



coefficients of utilization — zonal cavity method

	RF	20			20			20		
		RC	50	30	50	30	10	50	30	10
room cavity ratio	RW	70	50	30	50	30	10	50	30	10
	1	71	68	66	64	62	61	61	60	59
	2	65	61	57	57	55	52	55	53	51
	3	60	55	50	52	48	45	50	47	45
	4	56	49	44	47	43	40	45	42	39
	5	51	44	39	42	38	35	41	37	34
	6	48	40	35	38	34	31	37	33	30
	7	44	36	31	35	30	27	34	30	27
	8	41	32	27	31	27	24	30	26	23
	9	37	29	24	28	24	21	27	23	20
	10	35	27	22	26	21	18	25	21	18

visual comfort probability (VCP) average 100 fc; reflectances 80/50/20

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	60	64	70	77	61	65	70	76
20	30	51	56	61	67	54	57	62	68
20	40	47	50	55	60	51	53	57	61
20	60	43	46	59	54	49	50	52	56
30	20	62	66	70	75	63	67	70	75
30	30	53	57	61	65	55	58	62	66
30	40	48	51	54	58	51	53	56	60
30	60	44	46	48	52	49	50	51	54
30	80	42	44	44	48	48	49	49	51
40	20	64	68	72	75	64	68	72	75
40	30	55	59	63	66	57	60	63	66
40	40	49	52	55	59	53	54	57	60
40	60	45	47	49	52	50	51	51	54
40	80	43	45	45	48	49	50	49	50
40	100	42	43	43	45	50	49	48	49
60	30	57	60	64	67	58	61	64	67
60	40	51	53	56	60	54	55	57	60
60	60	46	48	49	52	50	51	51	54
60	80	44	45	45	48	49	50	49	50
60	100	43	43	42	45	50	49	47	48
100	40	55	57	59	62	57	58	59	63
100	60	50	51	52	55	53	54	53	56
100	80	47	48	47	50	52	52	50	52
100	100	46	46	44	46	52	51	49	49

Ordering Information Explanation of Catalogue Number Example: WES1GFSVA232120S0

WE	S	1	G	FS	VA	2	32	120	S0	
CLEANGUARD WET LOCATION	STATIC	FIXTURE WIDTH	CEILING TYPE	LENS FRAME	LENS/ SHIELDING TYPE	LAMP QUANTITY	LAMP/FIXTURE LENGTH (NOMINAL 48")	VOLTAGE 120, 277, 347	BALLAST TYPE	OPTIONS
			G= Grid (lay-in T bar) F=Flanged (overlap) Z spline and plaster frame	FS= Flat steel frame FA=Flat aluminum frame RA=Regressed aluminum frame	VA=Virgin acrylic (standard), see options and consult factory	1 or 2 Lamps	32=T8 34=T12 (nominal 48")		LE 2 Lamp Mag. T12 <20THD S0* HI* 2 Lamp Elec. T8 PS - LOL T8 Dimming *Instant Start Standard	Add appropriate suffix to catalog no.

OPTIONS/ACCESSORIES

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

ACCESS PLATE: Top wiring access plate is shipped with fixture as standard.

ELECTRICAL/WIRING OPTIONS: Consult factory.

SEISMIC HOLD-DOWN CLIP: For type G troffers.

SUFFIX: 2HD.

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

DRYWALL KIT: Order Catalog Number: FK91X4.
Request Folio OA30-10.

SPECIFICATIONS

PERFORMANCE: In an installation of 2 lamp 32W luminaires in a room cavity ratio of 1, with reflectance of 80% ceiling, 50% wall, 20% floor, the C.U. shall not be less than .68. To prevent glare the VCP shall not be less than 46 either lengthwise or crosswise (at 100fc level) and the average brightness at 65° shall not exceed 682 footlamberts. To control veiling reflections, luminaire output in the 30°-90° zone shall not be less than 66.4%.

MATERIALS: Chassis parts are die-formed code gauge cold-rolled steel. Housing is contoured for rigidity with all edges turned up for safe handling. Lens frame—(FS) flat full-size steel frame, (FA) flat full-size extruded aluminum frame, (RA) regressed full-size extruded aluminum frame.

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

LENS: VA (standard)—extruded virgin acrylic, 3/16" square based female cones, running 45° to the panel edge, .095" nominal thickness (similar to pattern 12).

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-N30-40

CFI FLUORESCENT