

CLEANGUARD WET LOCATION WES SERIES 2X2

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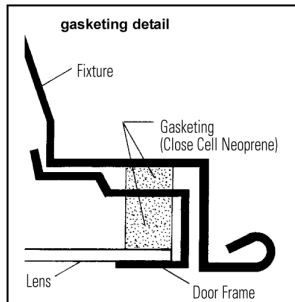
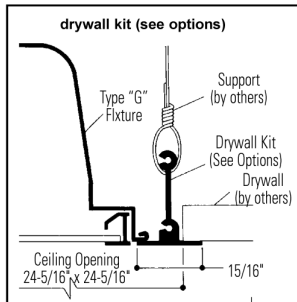
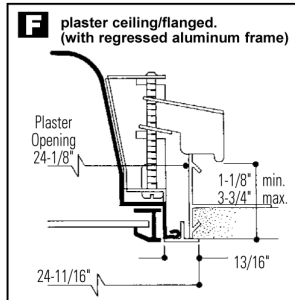
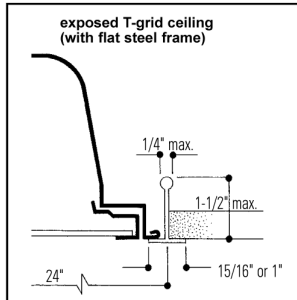
2'x2' RECESSED FLUORESCENT FOR WET LOCATIONS
COVERED CEILING USE 2 LAMPS, T8

Features

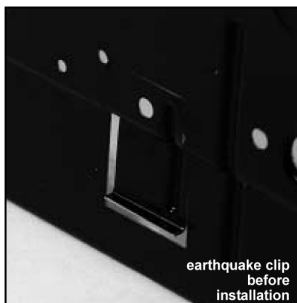
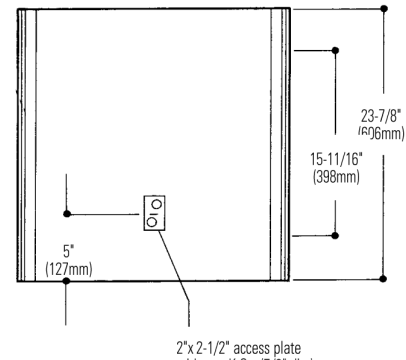
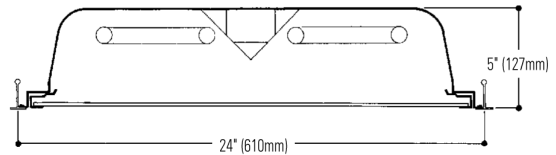
- UL and C-UL Listed for wet or damp locations for covered ceiling use.
- Full perimeter gasketing (closed cell Neoprene) between door frame and lens, between housing and door frame.
- Door frame is post painted, baked acrylic enamel.
- 5" deep body.
- 71.6% efficient (T8).
- Hemmed over side rails for 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



earthquake clip
before
installation



earthquake clip
installed
(lay-in grid)

FIXTURE TYPE	VOLTS
JOB INFORMATION: _____	

CFI FLUORESCENT

CLEANGUARD WET LOCATION WES SERIES 2X2

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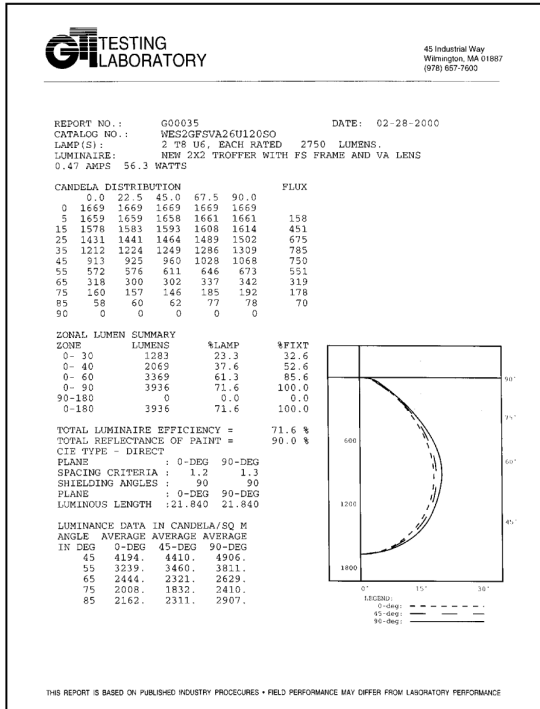
2'x2' RECESSED FLUORESCENT FOR WET LOCATIONS COVERED CEILING USE 2 LAMPS, T8

LER = FL - 58.6 IW - 56.3 BF - 0.87

Comparative yearly lighting energy cost per 1000 lumens = \$4.00

PHOTOMETRY

MODEL NO. WES2GFSVA26U



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

	20			20			20		
	RF	RC	RW	RF	RC	RW	RF	RC	RW
1	79	75	73	71	69	67	68	66	65
2	72	67	62	63	59	56	61	58	55
3	66	59	54	56	52	48	54	51	47
4	61	53	47	50	46	42	49	45	41
5	56	48	42	45	40	37	44	40	36
6	52	43	37	41	36	32	40	36	32
7	49	39	33	38	33	29	37	32	29
8	45	36	30	35	30	26	34	29	26
9	42	33	28	32	27	24	31	27	23
10	40	31	25	30	25	21	29	25	21

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	56	60	66	73	53	57	63	70
20	30	50	53	57	63	46	50	54	60
20	40	47	49	53	57	42	45	49	53
20	60	43	46	49	52	38	41	44	48
30	20	58	61	66	72	56	60	63	69
30	30	51	54	57	62	48	51	54	59
30	40	47	49	52	55	43	46	49	52
30	60	43	46	47	50	38	41	43	47
30	80	42	44	45	48	36	39	40	44
40	20	59	63	67	71	58	62	65	70
40	30	52	55	58	62	50	53	56	60
40	40	48	50	52	55	44	47	50	53
40	60	44	46	48	50	39	42	44	47
40	80	42	44	44	47	37	39	40	43
40	100	42	43	43	45	36	38	38	41
60	30	53	56	59	63	51	55	57	61
60	40	48	51	53	56	46	49	51	54
60	60	44	47	48	50	40	43	44	48
60	80	42	44	44	47	38	40	40	43
60	100	42	43	42	45	37	38	38	41
100	40	51	53	55	58	49	52	54	57
100	60	47	49	49	52	44	46	47	50
100	80	44	46	46	48	41	42	43	46
100	100	43	44	43	46	39	40	40	41

Ordering Information Explanation of Catalogue Number Example: WES2GFSVA26U120S0

WE	S	2	G	FS	VA	2	6U	120	S0	OPTIONS
CLEANGUARD WET LOCATION	STATIC	FIXTURE WIDTH	CEILING TYPE	LENS FRAME	LENS/ SHIELDING TYPE	LAMP QUANTITY	LAMP/FIXTURE LENGTH	VOLTAGE 120 OR 277		Add appropriate suffix to catalog no.
			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	2=2 Lamp 3=3 Lamp (Not with 6" spacing) 4=4 Lamp (T8, 2' Lamp Only)	6U=6" U Lamp T8 2U=T8, 1-5/8" U Lamp FT=Twin Tube T5 17=T8, 2' Lamp (Nominal 24")	<20THD S0* HI* S0* HI* SB* IB* (40 Watt) X3* I3* O4* H4* PS PB	BALLAST TYPE	1 & 2 Lamp Elec. T8 1-2 Lamp Elec. T8 1-2 Lamp Elec. TT5 1-3 Lamp Elec. TT5 1-4 Lamp Elec. T8 LOL Dimming (T8) LOL Dimming (TT5)
										*Instant Start Standard

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: FK92X2.

(Request Folio OA30-10).

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

ELECTRICAL/WIRING OPTIONS: Consult factory.

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 .75. 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 2629 candelas per square meter. To control veiling reflections, luminaire output in the 30°-90° zone shall not be less than 67.4%.

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-N30-11

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