

CLEANGUARD CLASS 10,000 CLEAN ROOM CXS SERIES 2x4

Page 1 of 2

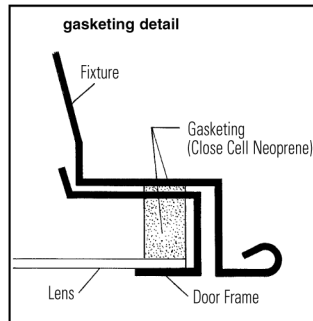
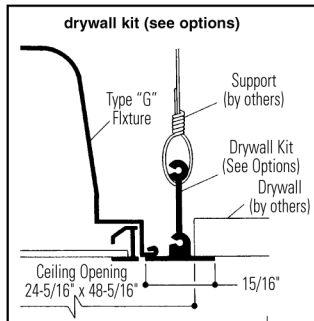
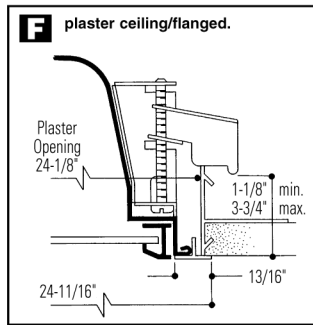
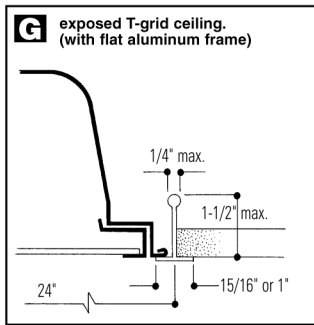
RECESSED FLUORESCENT,
2, 3 OR 4 LAMP, T8

Features

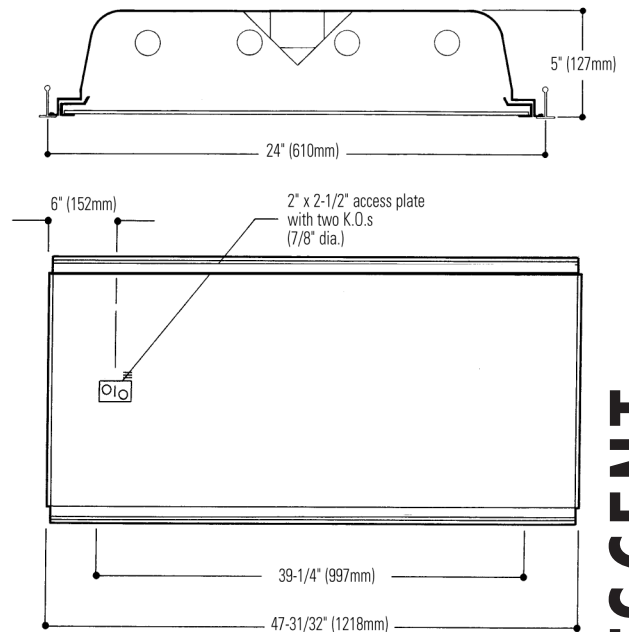
- Meets requirements for Federal Standard 209E Class 10,000 & 100,000 Clean Room tested by Independent Lab.
- UL and ULc Listed for wet or damp locations for covered ceiling use.
- Fits 15/16" to 1" wide face grid ceiling systems or flanged for drywall type ceilings. Contractor responsible for sealing fixture to ceiling.
- Full perimeter gasketing (closed cell Neoprene) between door frame and lens, between housing and door frame.
- Ends sealed to body.
- .125 pattern 12 lens installed smooth side down.
- Door frame is post painted, baked acrylic enamel.
- Hemmed over side rails for maximum safety.
- 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 CLASS 10,000 CLEAN ROOM CXS SERIES 2x4

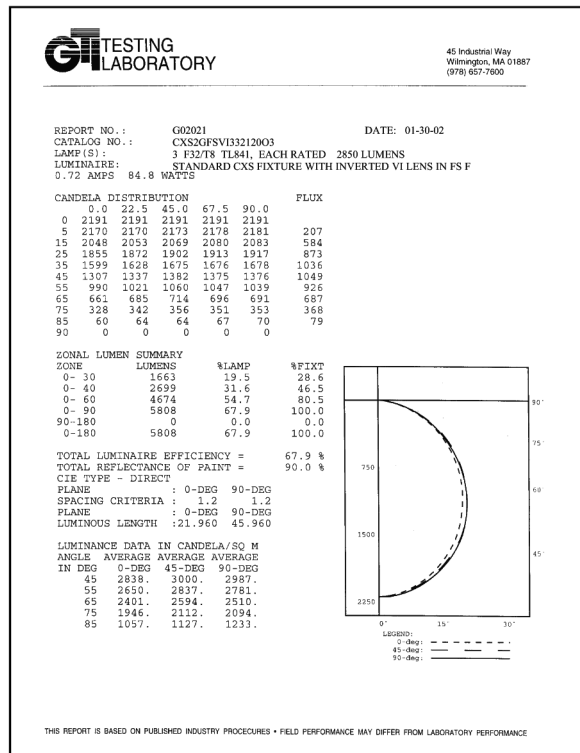
Page 2 of 2

RECESSED FLUORESCENT,
2, 3 OR 4 LAMP, T8

PHOTOMETRY

MODEL NO. CXS2GFSVI33212003

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	20	20
RC	80	50	30
RW	70	50	30
room cavity ratio	1	2	3
1	74	71	68
2	68	62	57
3	62	55	49
4	56	48	43
5	52	43	37
6	48	39	33
7	45	35	30
8	41	32	27
9	39	30	24
10	36	27	22

Ordering Information Explanation of Catalogue Number Example: CXS2GFSVI33212003

CX	S	2	G	FS	VI	3	32	120	03	<div></div> OPTIONS Add appropriate suffix to catalog no.
CLEANGUARD WET LOCATION	STATIC	FIXTURE WIDTH	CEILING TYPE	LENS FRAME	LENS/ SHEILDING TYPE	LAMP QUANTITY	LAMP/FIXTURE LENGTH	VOLTAGE 120 OR 277	BALLAST TYPE	
Class 10,000 or 100,000 Clean Room			G = Grid (lay-in T bar) F =Flanged (overlap)	FS = Flat steel frame FA =Flat aluminum frame RA =Regressed aluminum frame	VI =(virgin acrylic) .125 standard. For options consult factory. Smooth side of lens towards room.	2 =2 Lamp 3 =3 Lamp 4 =4 Lamp	32 =T8 (Nominal 48")	<20THD S0* HI* S0* HI* O3* H3* O4* H4* PS — *Instant Start Standard	1 & 2 Lamp Elec. T8 2-2 Lamp Elec. T8 1-3 Lamp Elec. T8 1-4 Lamp Elec. T8 LOL Dimming (T8)	

OPTIONS/ACCESORIES

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

ELECTRICAL/WIRING OPTIONS: Consult factory.

PLASTER FRAME: FK92X4

SPECIFICATIONS

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: VI (standard) extruded virgin acrylic, 3/16" square based female cones, running 45° to the panel edge, .125" 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 ULc Listed.

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.

© 2005 Genlyte Thomas Group LLC (Lightolier Division)

A0902

Section 6 / Folio U-N40-12

CFI FLUORESCENT