

# CLEANGUARD CLASS 1,000/10,000 CLEAN ROOM CXS SERIES

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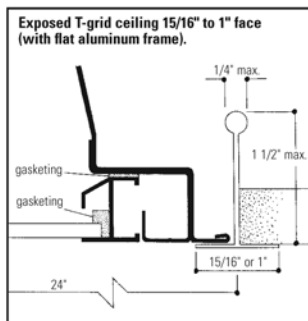
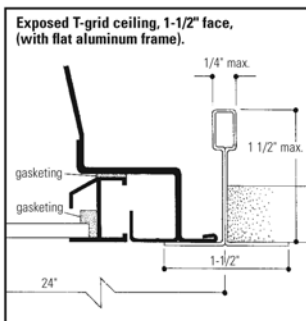
RECESSED FLUORESCENT, 2X2, FOR 15/16" TO 1-1/2"  
WIDE FACE T-BAR, 2 OR 3 LAMP

## Features

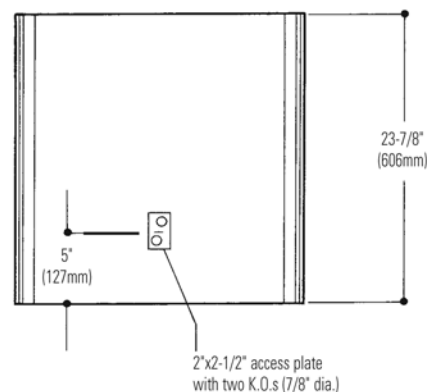
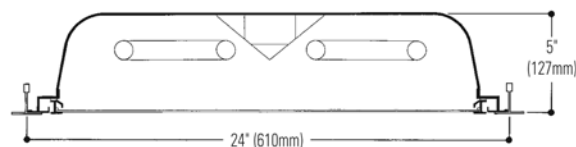
- Meets requirements for Federal Standard 209E Class 1,000/10,000 & 100,000 Clean Room tested by Independent Lab.
- UL and ULc Listed for wet or damp locations for covered ceiling use.
- Fits 15/16" to 1-1/2" wide face grid ceiling systems. Contractor responsible for sealing fixture to ceiling.
- Full perimeter gasketing (closed cell Neoprene) between door frame and lens, closed cell ethafoam gasketing 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 extruded aluminum door.



## Mounting Methods / Features



## Dimensions



**CFI FLUORESCENT**

FIXTURE TYPE	VOLTS
JOB INFORMATION: _____	

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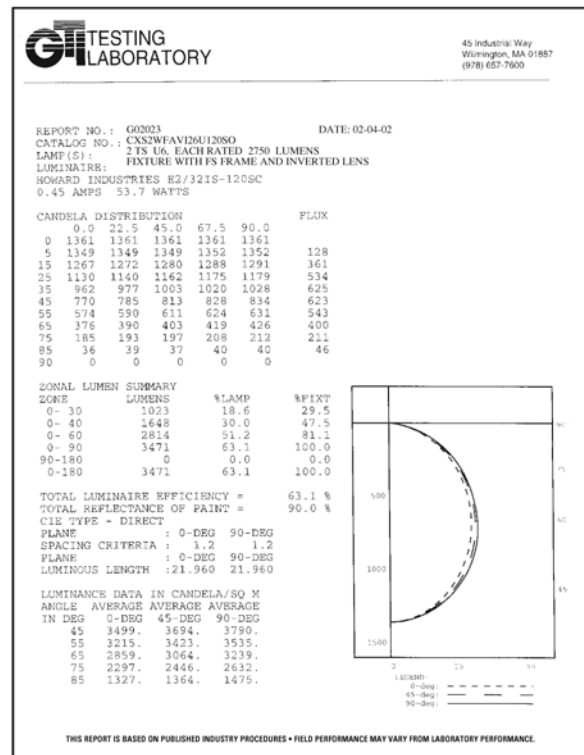
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RECESSED FLUORESCENT, 2X2, FOR 15/16" TO 1-1/2"  
WIDE FACE T-BAR, 2 OR 3 LAMP

## Photometry

Model No. CXS2WFAVI26U120S0

LER = FP - 56.0 IW - 53.7 BF - 0.87  
Comparative yearly lighting energy cost per 1000 lumens = \$4.24



## coefficients of utilization — zonal cavity method

RF	20	20	20	20	20	20	20	20
RC	80	50	30	10	50	30	10	30
RW	70	50	30	10	50	30	10	30
1	69	66	63	62	60	58	59	58
2	63	58	54	54	51	48	52	50
3	57	51	46	48	44	41	46	43
4	53	45	40	43	38	35	41	38
5	48	41	35	38	34	30	37	33
6	45	37	31	35	30	27	34	30
7	42	33	28	32	27	24	31	27
8	39	30	25	29	24	21	28	24
9	36	28	23	27	22	19	26	22
10	34	26	21	25	20	17	24	20

## Ordering Information Explanation of Catalogue Number Example: CXS2WFAVI26U120S0

CX	S	2	W	FA	VI	2	6U	120	S0	OPTIONS
CLEANGUARD CLEAN ROOM	STATIC	FIXTURE WIDTH	CEILING TYPE	LENS FRAME	LENS/ SHIELDING TYPE	LAMP QUANTITY	LAMP/FIXTURE LENGTH	VOLTAGE 120 OR 277	BALLAST TYPE	Add appropriate suffix to catalog no.
Class 1,000, 10,000 or 100,000 Clean Room			W= Grid 15/16" to 1-1/2" face (lay in T-bar)	FA=Flat aluminum frame	VI=(virgin acrylic) .125 standard. For options consult factory. Smooth side of lens towards room.	2=2 Lamp 3=3 Lamp	2U=T8, 1-5/8" U Lamp 17=T8, 2' Lamp 6U=6" U Lamp (T8) FT=Twin Tube T5 (Nominal 24")	<20THD S0* HI* S0* HI* O3* H3* SB* IB* (40 Watt) X3* I3* PS – PB –	<10THD 1 & 2 Lamp Elec. T8 1-2 Lamp Elec. T8 1-3 Lamp Elec. T8 1-2 Lamp Elec. TT5 1-3 Lamp Elec. TT5 LOL Dimming (T8) LOL Dimming (TT5)	
*Instant Start Standard Other dimming options, consult factory.										

## OPTIONS/ACCESSORIES

**FUSING:** Internal fast-blow fusing: SUFFIX: F.  
**ELECTRICAL/WIRING OPTIONS:** Consult factory.

## 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.

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CFI FLUORESCENT