

SEALED AND GASKETED

CLEANROOM
GRID, RECESSED
FLUSH WITH T-GRID LENS FRAME
FLUORESCENT TROFFER

LIGHTING FOR COMPLEX ENVIRONMENTS

2' X 2'

APPLICATIONS

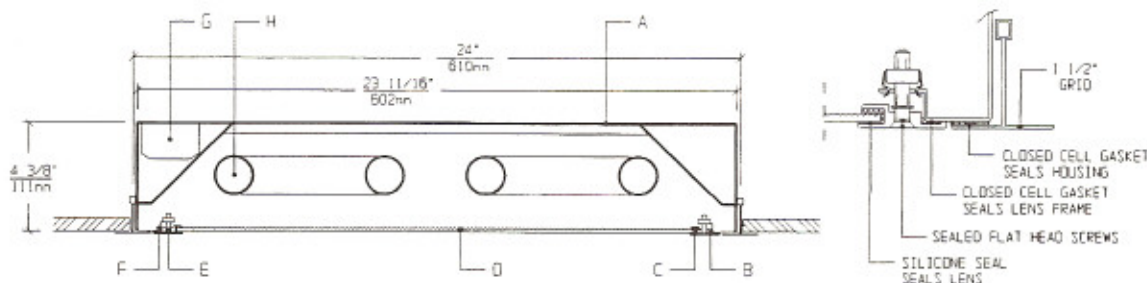
- Cleanrooms
- Food processing centers
- Hospitals
- Pharmaceutical and Biological labs
- Wet Locations

Totally sealed housings with Flush with Grid Lens Frames, silicone set lenses, sealed flat head screws, and uniform lighting make CGB Series ideally suited for CLEANROOM, Hospital, Food processing, and Scientific lab areas, where contamination free environment is a must.

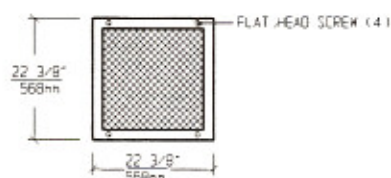
FEATURES

- ♦ Sealed, painted white, 20 gauge Housing seals to grid
- ♦ 2' X 2' nominal Housing size
- ♦ Same Housing fits 1", 1-1/2" and 2" standard T-grid ceiling
- ♦ Lens Frame is flush with T Grid and seals to Housing
- ♦ Lens is silicone sealed to extruded Lens Frame
- ♦ Gasketed Access Plate (Optional Internal Junction Box)
- ♦ Low brightness Lens installed smooth side to room
- ♦ Sealed, captive flat head Screws (4). (6 screws optional)
- ♦ Manufactured in accordance to NSF, FDA, USDA and Federal Standard 209D
- ♦ Suitable for Class 10 - Class 100,000 Cleanrooms

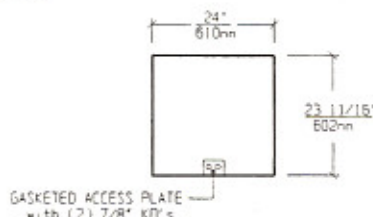
CROSS SECTION



LENS FRAME DIMENSIONS



TOP VIEW



SPECIFICATIONS

<p>A. HOUSING Die formed 20 gauge cold rolled steel Housing, with welded seams. Painted white.</p> <p>B. LENS FRAME Heavy aluminum extrusion with sealed, mitered corners. Painted white to match Grid.</p> <p>C. GASKET Closed cell gaskets and silicone seal prevent air and contaminants from entering the room.</p> <p>D. LENS Low brightness Lens with prisms up and smooth side to room for ease of cleaning. (See Options).</p> <p>E. FASTENERS Sealed, flush, captive stainless steel screws apply even pressure against Lens Frame.</p>	<p>F. HINGE Two "shadow free" detachable chains for ease of installation and maintenance.</p> <p>G. BALLAST HPF, Class P, Energy saving Ballast. (See Voltage, Ballast Options).</p> <p>H. LAMPS 17W T-8, 20W T-12, 40W Biax or 40W U-Lamps. See Lamp Options. (Lamps by others).</p> <p>I. FINISH Polyester Powder coat white finish with 92% reflectance.</p> <p>J. UL LISTED Suitable for Wet Locations.</p>
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LAMP SELECTION



LAMPS: (2) 17W T-8
(2) 20W T-12



LAMPS: (3) 17W T-8
(3) 20W T-12



LAMPS: (4) 17W T-8
(4) 20W T-12



LAMPS: (2) 40W U (6")



LAMPS: (2) 40W BIAX



LAMPS: (3) 40W BIAX

ORDERING INFORMATION

CGB - 22 -

No. of LAMPS	WATTAGE	VOLTAGE	BALLAST	LENS OPTION	OPTIONS
2=2 Lamps (All)	17=17 Watts (T-8)	120=120 Volts 277=277 Volts	EB=Electronic Ballast	12PA=.125"Prism, Acrylic 15PA=.156"Prism, Acrylic	TP=Tamperproof screws GF=GLR Fuse
3=3 Lamps (Except U)	20=20 Watts (T-12)	347=347 Volts	MB=Magnetic Ballast	15PG=.156"Prism, Glass 15PP=.156"Prism, P/C	NL=Night Light(PL-7or 9) DB=Dimming Ballast
4=4 Lamps (Except U and Bi-ax)	40U=40 Watts U (6" spacing) 40BX=40 Watts Bi-ax Twin Tube		EB2=(2) Electr. Ballasts EBH=<10% THD El. Ballast	UO = UV Absorbing Overlay (Other Lens Options available. Consult Factory)	EM=Emergency Lighting CW=Cold Weather Ballast RF=Radio Frequency Interference Filter JB=Internal Junction Box AHP=Aluminum Housing Painted SHP=Stainless Steel Housing, Painted 6S=6 Screws SG=Special Grid Housing (Specify grid) (More than one Option can be specified)

EXAMPLE: CGB - 22 - 2 - 40U - 277 - EB - 12PA - GF - NL

DESCRIPTION: CGB-22 = Series CGB, 2 feet by 2 feet nominal size
 2 = 2 Lamps
 40U = 40 Watts U Lamps
 277 = 277 Volt Operation
 EB = Electronic Ballast
 12PA = .125" Thick Prismatic Acrylic
 GF = GLR Fuse
 NL = Night Light for PL - 7 or 9

FIXTURE TYPE		COMMENTS
CATALOG NUMBER	CGB-22-	
JOB NAME		
APPROVAL		
DATE		

Dimensions and Specifications subject to change without notice
 Fixture guaranteed for one year against mechanical defects in manufacture.
 2-97 CGB-22