

# FAIL-SAFE®



## CHF CHG

**250W - 400W**

Metal Halide

**250W - 400W**

High Pressure Sodium

**165W**

QL Induction

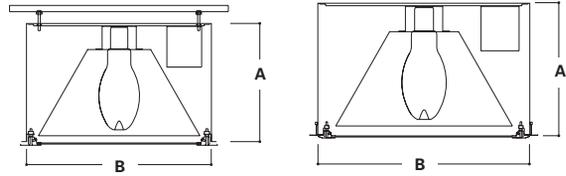
**H.I.D. FLANGE/GRID**  
One-Piece Door

- One-piece, clear prismatic, tempered Corning lens with internal prism pattern. See Lens Options
- Die-formed, 18 ga. CRS housing. Standard white high reflectance polyester powder coat finish
- Lamps by others
- Particlock™ lens retention system utilizes 18 ga. media clampdowns
- Two braided, stainless steel cables provide hinging
- One piece, 18 ga. door with baked white polyester powder coat, fully gasketed, outside door
- Copper wound, HPF ballast is standard
- White, closed cell, Flexiseal™ gasketing system
- Gasketed access plate with two flattened, 7/8" diameter knockouts

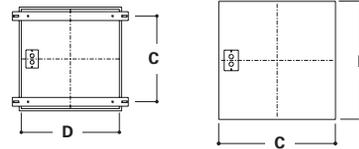
### DESCRIPTION

The Fail-Safe CHF and CHG Series are designed to deliver highly efficient H.I.D. lighting to clean areas. These units are ideal for ceiling heights up to 18'. Lower wattages are also available for standard 8' and 9' ceilings. Units are enclosed and gasketed to protect against the chance of foreign matter entering high tech environments through the light fixture. CHF outside flanged door is designed to work with conventional sheet rock or plaster ceilings. The CHG housing and door are designed to work with standard 1" and 1 1/2" T-grid ceilings and most 2" T-grid ceilings. Door frames feature a gasket design which eliminates ledge or crevice exposure preventing the harboring of contaminants. These luminaires are U.L. listed and C.S.A. certified for wet locations and are manufactured in accordance with U.S.D.A., F.D.A., N.S.F. and Federal Standard 209E. 200 PSI Hose Down Rating is standard. The CHF and CHG Series are suitable for use in I.E.S. Class 100, 1,000, 10,000 and 100,000 clean room environments.

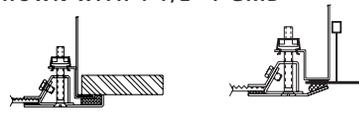
### DIMENSIONS



### MOUNTING



### DOOR FRAME SHOWN WITH 1 1/2" T-GRID



	A	B	C	D
CHF	14 1/4" (362mm)	22 5/8" (575mm)	19 1/2" (495mm)	23" sq. (584mm)
CHG	14 1/2" (368mm)	23 11/16" (602mm)	23 3/4" (603mm)	—

### ORDERING INFORMATION

SAMPLE NUMBER: CHF-250S-277-73-SSN-SHN

Product Family	Voltage	Lens Type	Door/Finish Options	Options
CHF=H.I.D. Flange Type CHG=H.I.D. Grid Type	120=120V 277=277V MT=Multi-tap 120/208/ 240/277V	93=Prismatic Tempered Glass (standard) 93/85=.156 Prismatic Tempered Glass with .187 Clear Polycarbonate Underlay	Blank=Standard, CRS with baked white finish SSN=Stainless Steel Door/Brushed 304 Finish SSP=Stainless Steel Door/Polyester Powder Coat Finish ALP=Aluminum Door/Polyester Powder Finish	2TE=Accommodates 2" T- Grid (use with 24" width only. Consult Cooper Lighting Representative.) SF=Single Fuse DF=Double Fuse QS=Quartz Socket (DC bayonet base) QRS=Quartz Restrike System TAD=Top Access Door ?
Metal Halide 250M=250W 400M=400W High Pressure Sodium 250S=250W 400S=400W Induction 165Q=165W QL <sup>1</sup>				Housing Options SHN=Stainless Steel, Brushed 304 Finish SHP=Stainless Steel, Polyester Powder Finish ALH=Aluminum, Polyester Powder Finish

**Notes:** For additional options, consult your Cooper Lighting Representative. Specifications and Dimensions subject to change without notice.

<sup>1</sup>Available with 240V. For other voltages, consult your sales representative. <sup>2</sup>Consult your Cooper Lighting Representative for dimensional details.