

CRH LED

Recessed lighting
for hazardous locations

 **RIG-A-LITE™**
An Avail Infrastructure Solutions Company



Classifications

- Class I, Division 2, Groups A, B, C, & D
- Suitable for ISO 3-9 Cleanroom Spaces
- Suitable for BSL 3 & 4
- Optional NSF Certified Food Equipment
- IP56: Inset Door
- IP66: Overlapping Door
- Rated for -40°C minimum starting temperature
- 40°C maximum ambient temperature rating

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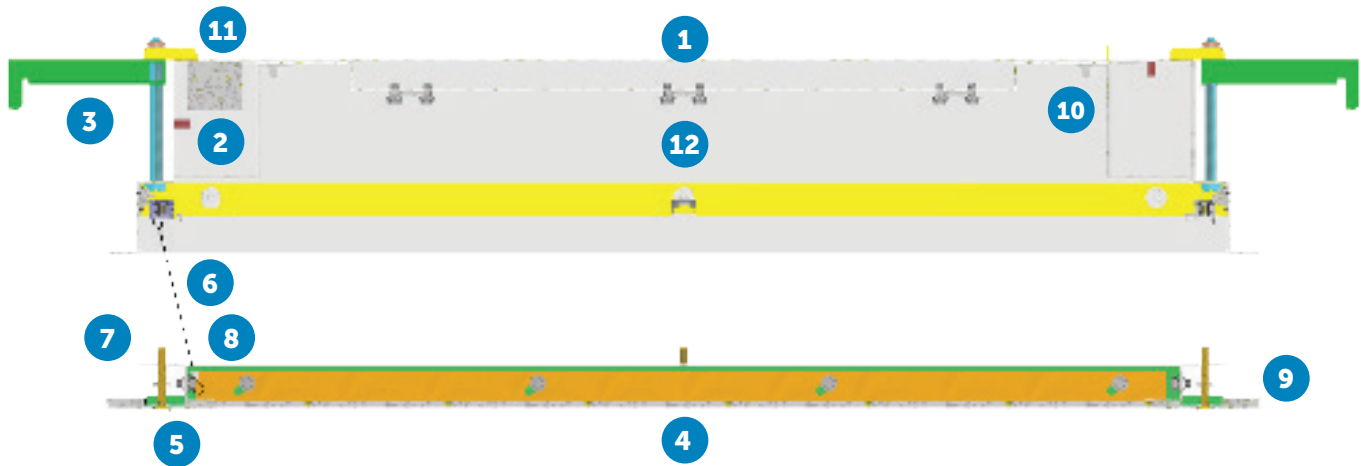
8500 Hansen Road,
Houston, TX 77075
(713) 943-0340

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Key Features

- 1 Single piece formed housing with TIG welded corners, in Aluminum, CRS or SS
- 2 Self clinching studs installed in various assemblies provide a watertight integrity
- 3 Recessed flanged housing with adjustable swing arms for rapid installation
- 4 Lens available in diffuse acrylic or diffuse tempered glass
- 5 One-piece door frame available in painted aluminum, painted CRS, or #2 brushed SS
- 6 Door frame suspended by nylon coated SS cables, with snap hooks for easy removal
- 7 Captive flush-head screws with nylon seal washers for a smooth look and seal integrity
- 8 The door frame is easily supported with the clip-on cables to aid lifting back into place
- 9 Closed cell sponge gasket to protect IP ratings and maintain a lasting seal
- 10 Easily removable reflectors for quick access to wiring during installation
- 11 3/4" NPT threaded hubs can be provided on the top or back side of the housing
- 12 A variety of lumen packages with various Kelvin colors and other options



Additional Features

- Housing/lens frame one-piece welded construction
- Overlapping or inset lens mounting frames
- Ideal for potential hazardous area applications

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Catalog Number Logic

CRH - LU - 22 - F8 - 11 - 40 - CR - 04 - DA - TE1 - XX

1

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1

BASIC LUMINAIRE

CRH = Clean Room Hazardous Class I, Division 2

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LUMINAIRE TYPE/VOLTAGE

LU = LED Type 120-277 VAC 50/60 Hz
LN = LED Type 347 VAC 60 Hz

3

SIZE

14 = (1 x 4) for 1' X 4' Ceiling Grid
22 = (2 x 2) for 2' X 2' Ceiling Grid
24 = (2 x 4) for 2' X 4' Ceiling Grid

4

CRI

F8 = Fixed Output 83CRI

5

LUMENS

1' X 4' Size:

05 = 5,250
08 = 8,335
10 = 10,225
13 = 12,650
16 = 15,800

2' X 2' Size:

06 = 5,565
07 = 6,680
09 = 8,900
11 = 10,950
13 = 12,850
16 = 15,724
20 = 19,655

2' X 4' Size:

07 = 6,715
09 = 9,340
12 = 12,000
14 = 14,350
18 = 18,400
23 = 23,185
28 = 27,600
35 = 35,300

6

CCT

30 = 3,000
35 = 3,500
40 = 4,000
50 = 5,000

7

HOUSING MATERIAL AND FINISH

CR = 20 Ga Cold Rolled Steel Painted White
AL = 0.040 Thick Aluminum Painted White
S4 = 20 Ga Type 304 Stainless Steel, Natural
S6 = 20 Ga Type 316 Stainless Steel, Natural

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LENS FRAME MATERIAL AND FINISH

IC = Inset Door 20 Ga CRS Painted White
IA = Inset Door 0.040 Thick Aluminum Painted White
I4 = Inset Door 20 Ga Type 304 SS, Brushed Finish
I6 = Inset Door 20 Ga Type 316 SS, Brushed Finish
OC = Overlapping Door 20 Ga CRS Painted White
OA = Overlapping Door 0.040 Aluminum Painted White
O4 = Overlapping Door 20 Ga Type 304 SS, Brushed Finish
O6 = Overlapping Door 20 Ga Type 316 SS, Brushed Finish

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LENS MATERIAL TYPE

DA = Diffuse Acrylic
TG = Diffuse Tempered Glass

10

NPT ENTRIES AND POSITION

TE1 = Top Entry 3/4 NPT (1 Hub)
TE2 = Top Entry 3/4 NPT (2 Hubs)
SE1 = Side Entry 3/4 NPT (1 Hub)
SE2 = Side Entry 3/4 NPT (2 Hubs)

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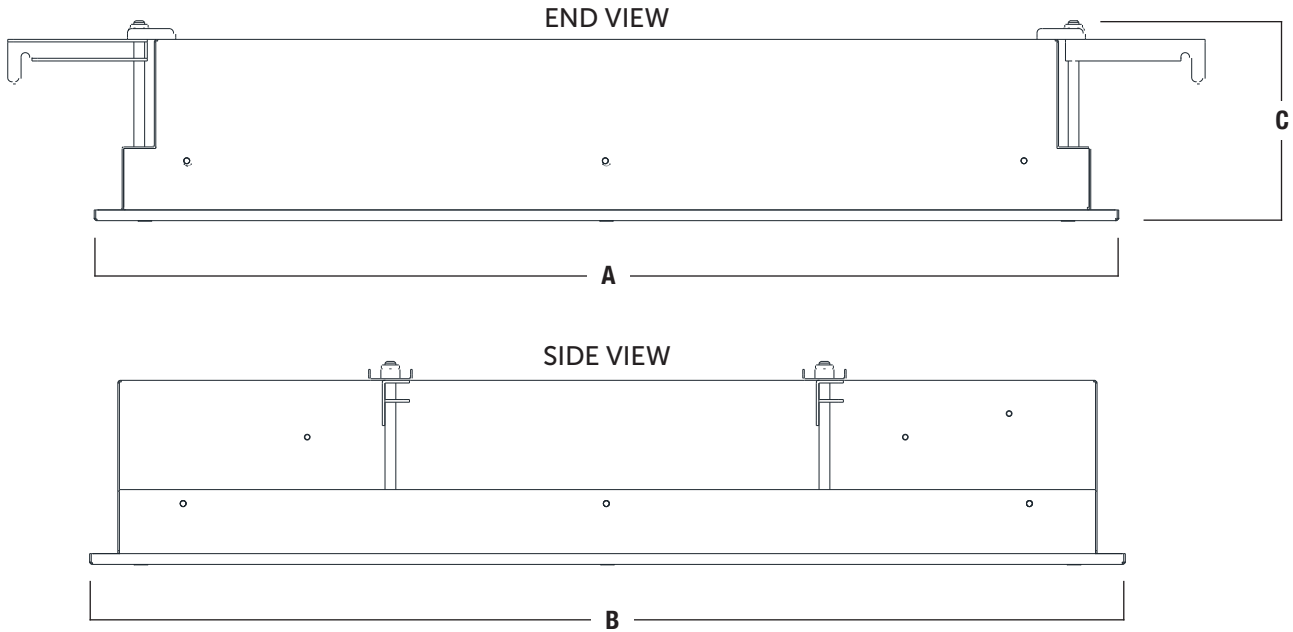
OPTIONS

DMG = 0 - 10% Dimming
EM1 = 10 Watt Emergency
FB1 = Single Fuse Circuit
FB2 = Double Fuse Circuit
10K = 10kv Surge Protection
TWC = Two Driver Circuit
ANF = Anti-Microbial Finish
FZR = Food Zone/Non-Contact

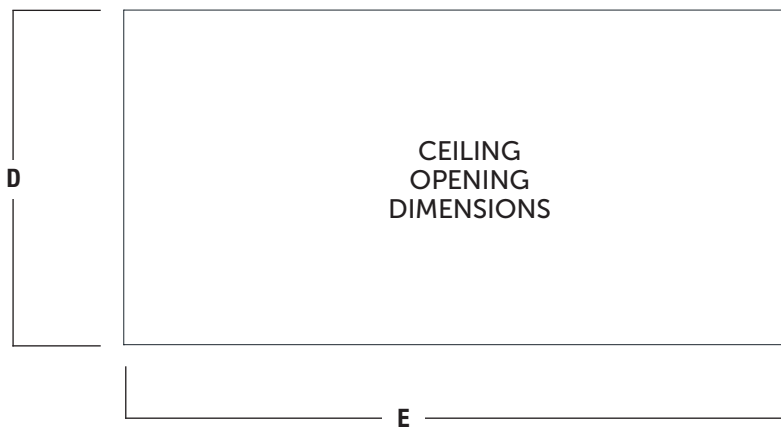
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Fixture Dimensions (inches)



Size	Dimensions (inches)				
	A	B	C	D	E
1 x 4	11.860	47.860	4.650	10.750	46.750
2 x 2	23.860	23.860	4.650	22.750	22.750
2 x 4	23.860	47.860	4.650	22.750	46.750



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