SSLF
LAMINAR FLOW DIFFUSER

STANDARD CONSTRUCTION
- 304 Stainless Steel
- Seam Welded Plenum Corners
- Lay-In / Surface Mounting
- Walkable Plenum up to 250lbs
- Hanger Tabs for Unit Support Above Ceiling

FEATURE OPTIONS
☐ Foil Backed Insulation
   ☐ 1.5" (R=4.2)
   ☐ 2.25" (R=6.0)
☐ Diffuser Basket
☐ Dual Perf *(2nd Panel/Layer of Perf)*
☐ Hinged Face Frame
☐ Seam Welded Inlet Collar
☐ Hard Ceiling Clamping System
☐ Hanger Brackets
   (for use with 3/8" threaded rod by others)
☐ Custom Unit Depth:_____

INLET OPTIONS
☐ Inlet Location
   ☐ Top Inlet
   ☐ Side Inlet
   ☐ End Inlet
☐ Inlet Shape/Size
   ☐ Round - Size:_____
   ☐ Oval - Size:_____
   ☐ Rectangle - Size:_____
      ☐ Flanged

SSLF-BASKET *(See Page 3 of 3 for Additional Details)*
☐ SSLF-BASKET

MATERIAL OPTIONS
☐ 316 Stainless Steel

FINISH OPTIONS
☐ Polished
☐ White Antimicrobial Powder Coat
☐ Other: _____

FACE OPTIONS
☐ Perf Face
☐ CLCD Face
☐ Swirl Face

PERF OPTIONS
☐ 13% - Standard
☐ 23% - Medium
☐ 33% - High
☐ 51% - Max

LIGHTING OPTIONS *(See Page 2 of 3 for Additional Details)*
☐ Color: White; Preset at 5000K; 90+ CRI
☐ Color: White; Preset; 90+ CRI
   ☐ 2700   ☐ 3000   ☐ 3500   ☐ 4000
   ☐ 4500   ☐ 5000   ☐ 6500
☐ Color: Tunable from 2700K-6500K via 0-10VDC Dimmer; 90+ CRI
☐ Other Color:_____
☐ Battery Backup
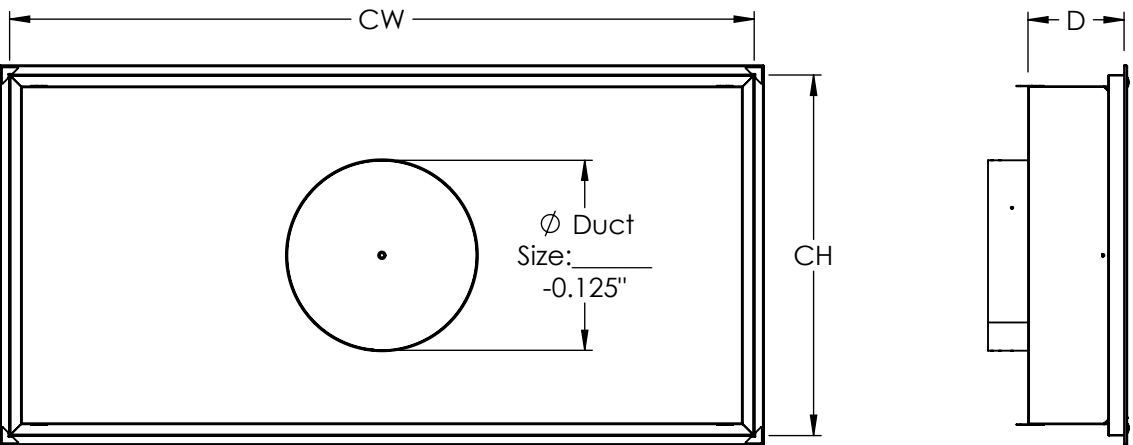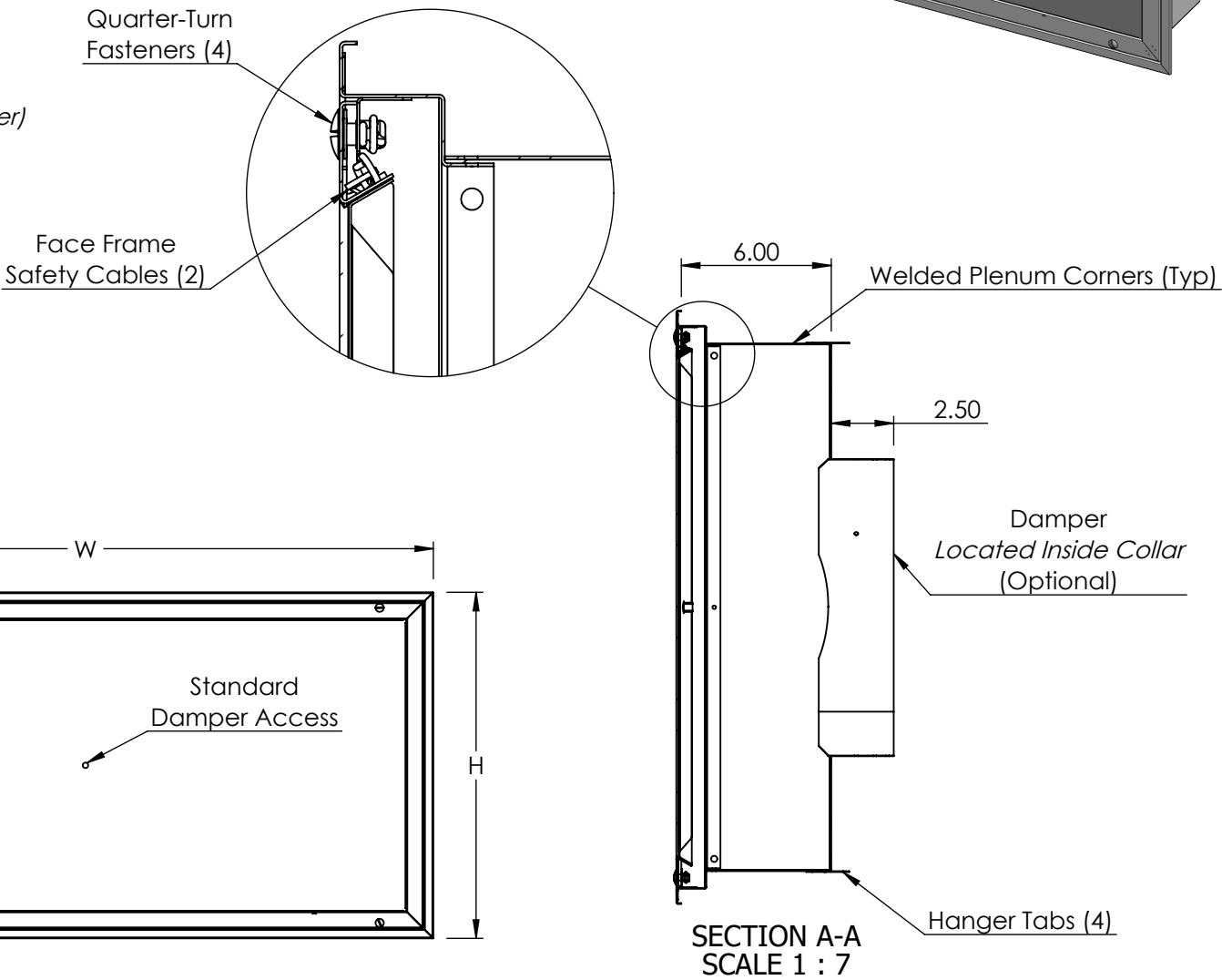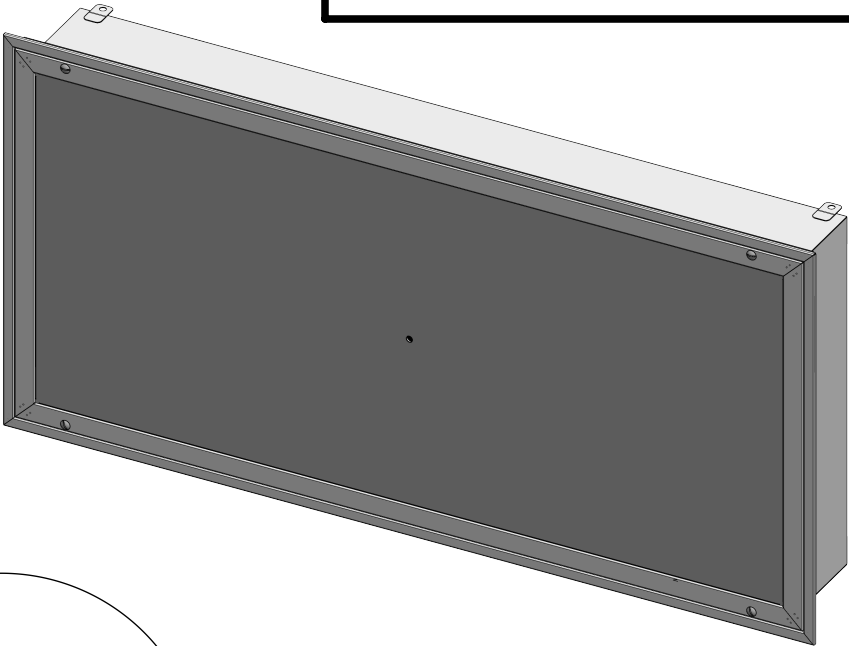   - 20% of Light Output for up to 90 Minutes

DAMPER TYPE
☐ SSRD - Butterfly Damper
☐ SSBD - Bowtie Damper
☐ SSDD - Disc Damper
   ☐ Solid Disc
   ☐ Solid Disc w/Perf Ring
   ☐ Perf Disc
☐ SSSD - Slide Damper

DAMPER OPTIONS
☐ Remote Damper
   (Not Available w/Disc Damper)

NOMINAL UNIT SIZE	OVERALL WIDTH (W)	OVERALL HEIGHT (H)	DEPTH (D)	CUTOUT WIDTH (CW)	CUTOUT HEIGHT (CH)
24 X 24	23.75	23.75	6.00	23.00	23.00
36 X 24	35.75	23.75	6.00	35.00	23.00
48 X 24	47.75	23.75	6.00	47.00	23.00

Quarter-Turn Fasteners (4)
Face Frame Safety Cables (2)
Welded Plenum Corners (Typ)
6.00
2.50
Damper *Located Inside Collar* (Optional)

Ø Duct Size:_____ -0.125"

Standard Damper Access

Hanger Tabs (4)

SECTION A-A
SCALE 1 : 7

SSLF-LED
LAMINAR FLOW DIFFUSER
W/LED LIGHTING

90 CRI

DIMMABLE LED

AJ MANUFACTURING CO.
8701 ELMWOOD AVE #400 KANSAS CITY, MO 64132
PH: 816.231.5522 FAX: 816.231.8437
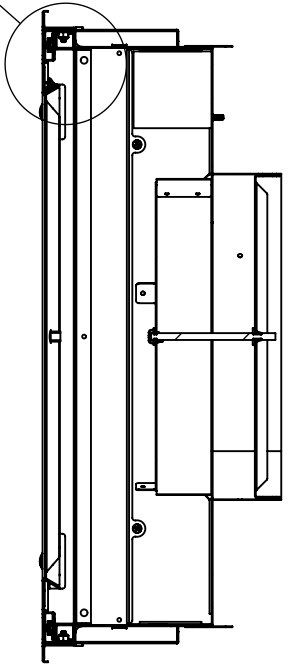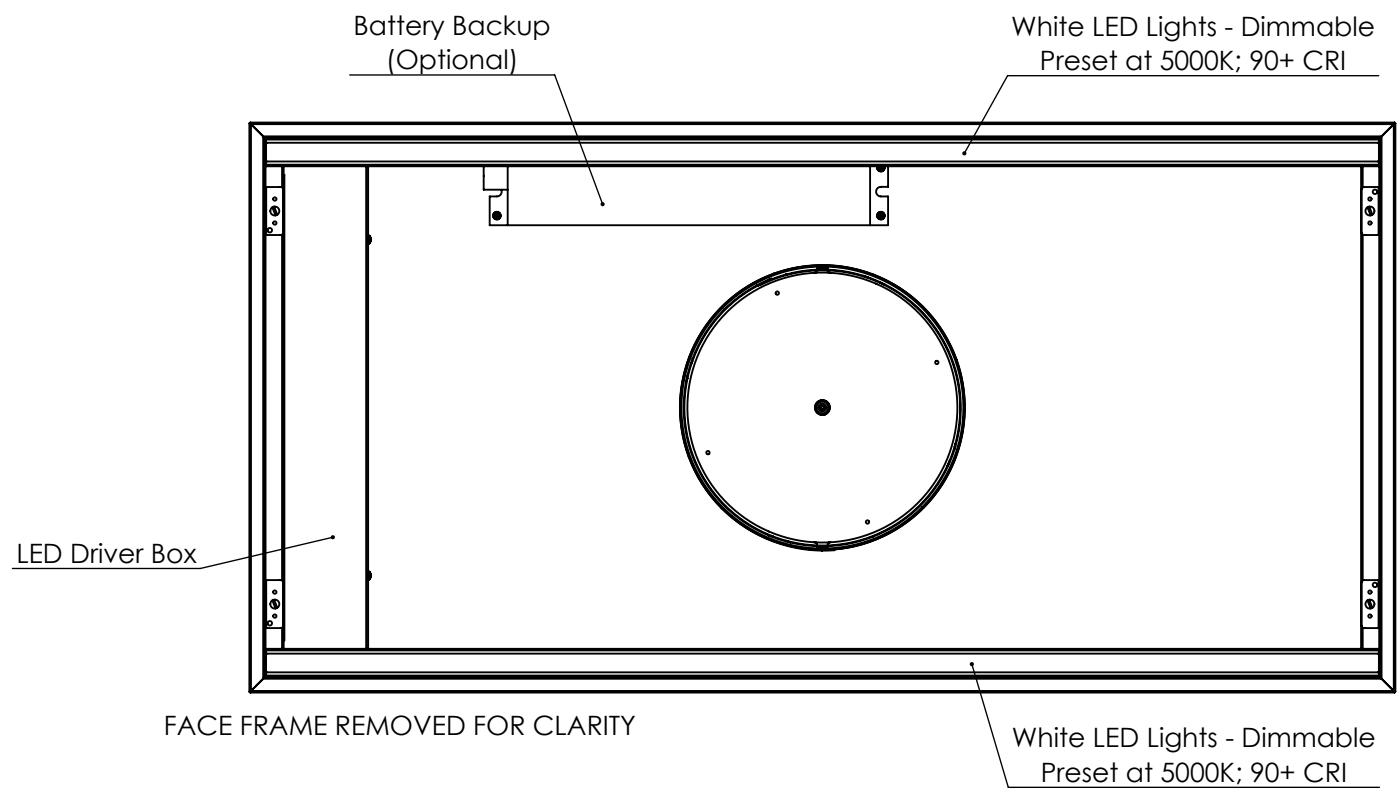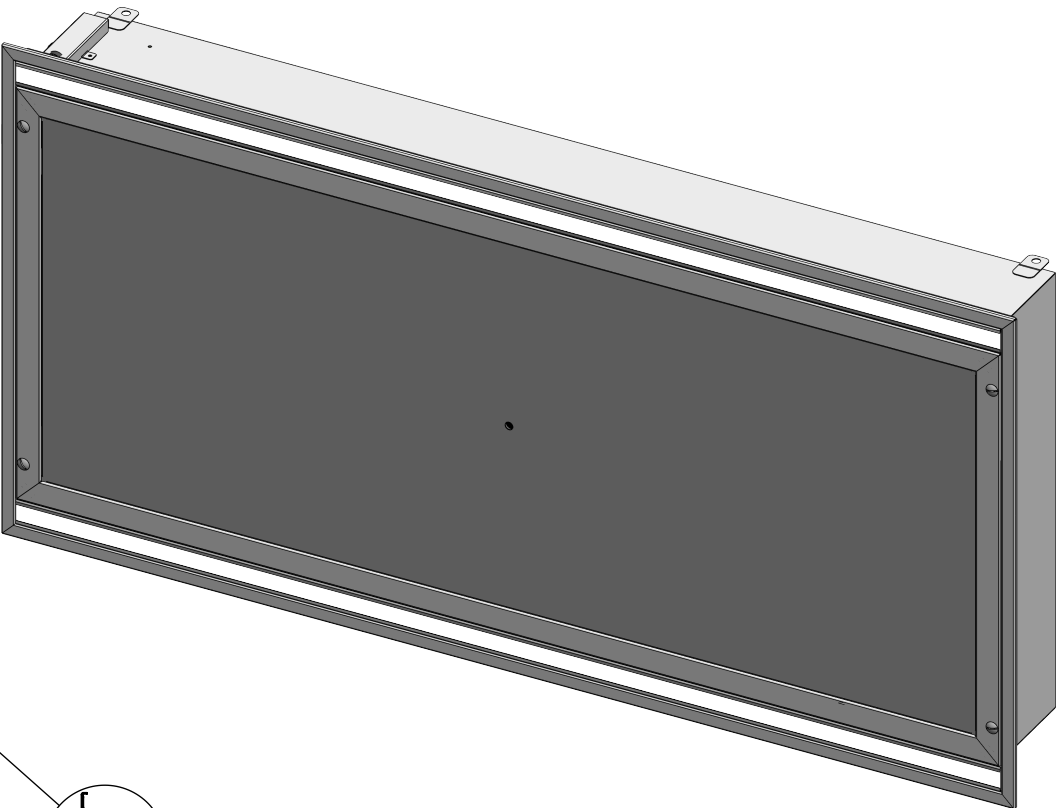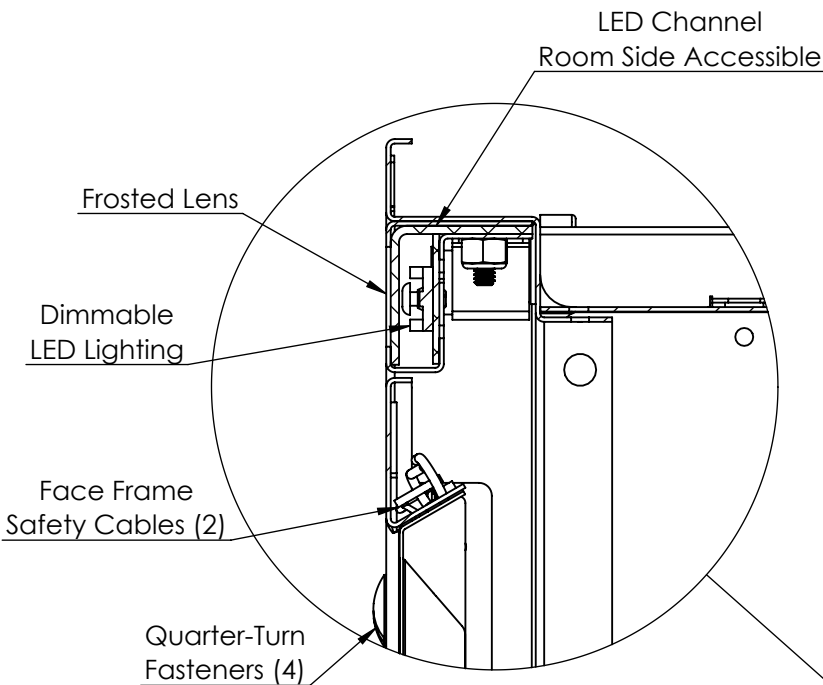TOLL FREE: 800.247.5746
WWW.AJMFG.COM

MEETS THE FOLLOWING UL LISTINGS

- UL 1598 - Standard for Safety Luminaires
- UL 2043 - Standard for Safety Fire Test
- UL 2108 - Standard for Low Voltage Lighting Systems
- UL 8750 - Standard for Light Emitting Diode (LED) Equipment for Use in Lighting Products
- UL 1310 - Standard for Class 2 Power Units
- UL 94 - Standard for Tests for Flammability of Plastic Materials for Parts in Devices and Appliances

LIGHTING SPECIFICATIONS

- Color: White; Preset at 5000K; 90+ CRI
- Dimmable LEDs Controlled via 0-10VDC Dimmer
- Driver - 60watt - Class 2 - 120V or 277V AC Input
- 120VAC = 0.50Amps per Driver **or**
- 277VAC = 0.25Amps per Driver

LED Channel
Room Side Accessible

Frosted Lens

Dimmable
LED Lighting

Face Frame
Safety Cables (2)

Quarter-Turn
Fasteners (4)

Battery Backup
(Optional)

White LED Lights - Dimmable
Preset at 5000K; 90+ CRI

LED Driver Box

FACE FRAME REMOVED FOR CLARITY

White LED Lights - Dimmable
Preset at 5000K; 90+ CRI

SECTION B-B
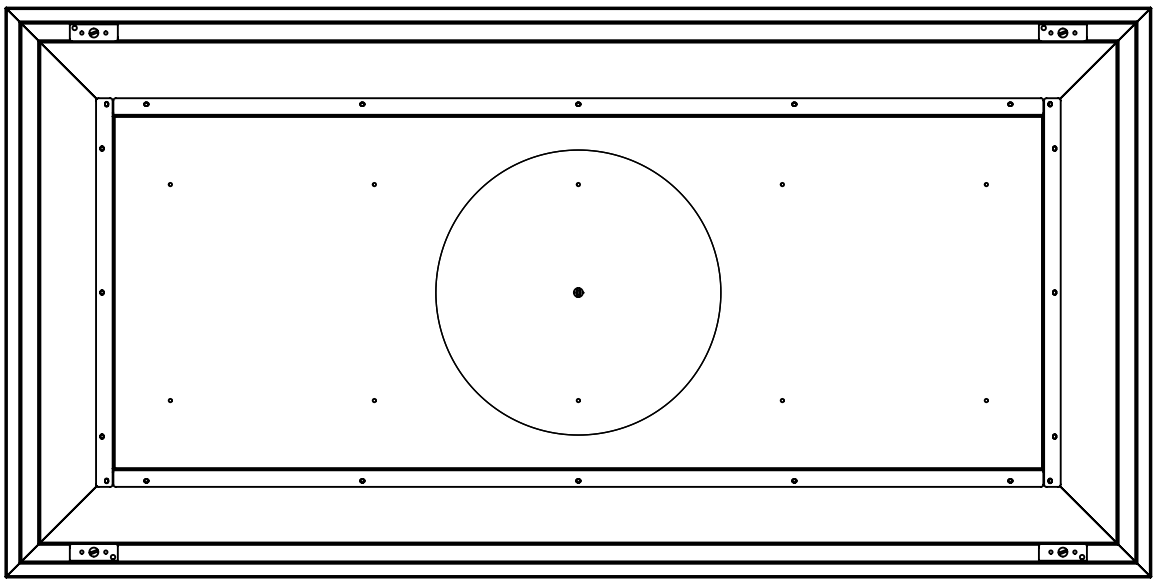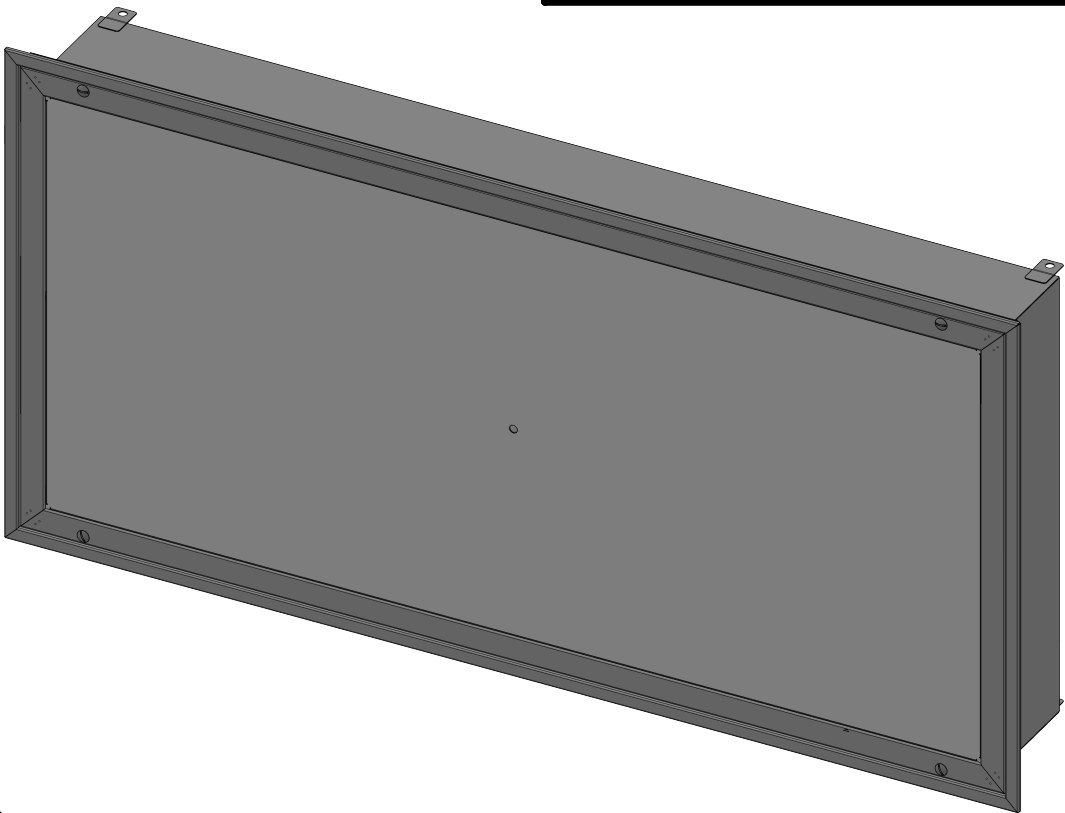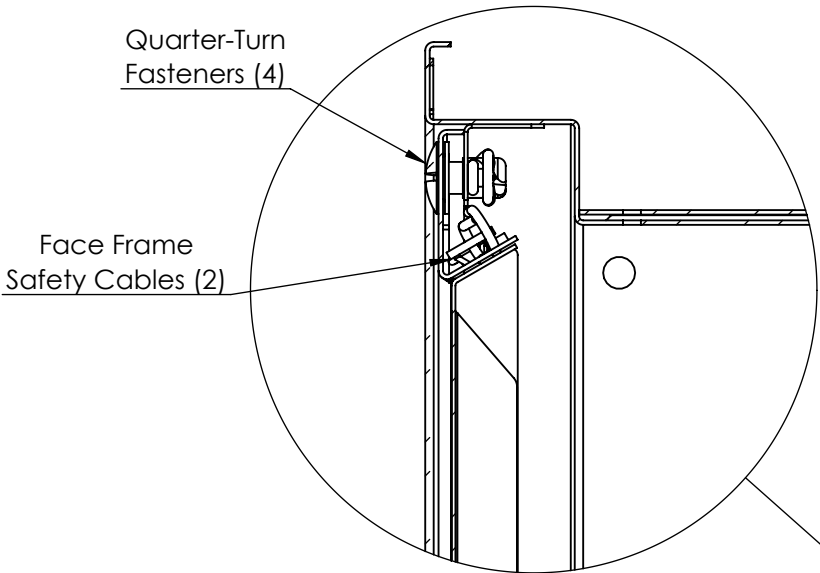SCALE 1 : 7

SSLF-BASKET
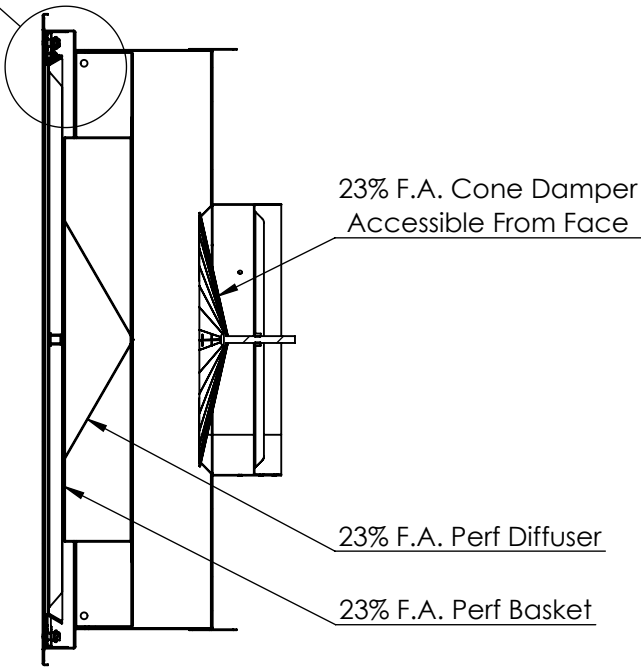## LAMINAR FLOW DIFFUSER

STANDARD CONSTRUCTION

- 304 Stainless Steel w/Filter Gel Seal Knife Edge
- Seam Welded Plenum Corners
- Lay-In / Surface Mounting
- Walkable Plenum up to 250lbs
- Hanger Tabs for Unit Support Above Ceiling
- Cone Damper
- Perf Basket w/Diffuser

Quarter-Turn Fasteners (4)

Face Frame Safety Cables (2)

FACE FRAME REMOVED FOR CLARITY

23% F.A. Cone Damper Accessible From Face

23% F.A. Perf Diffuser

23% F.A. Perf Basket

SECTION C-C
SCALE 1 : 7