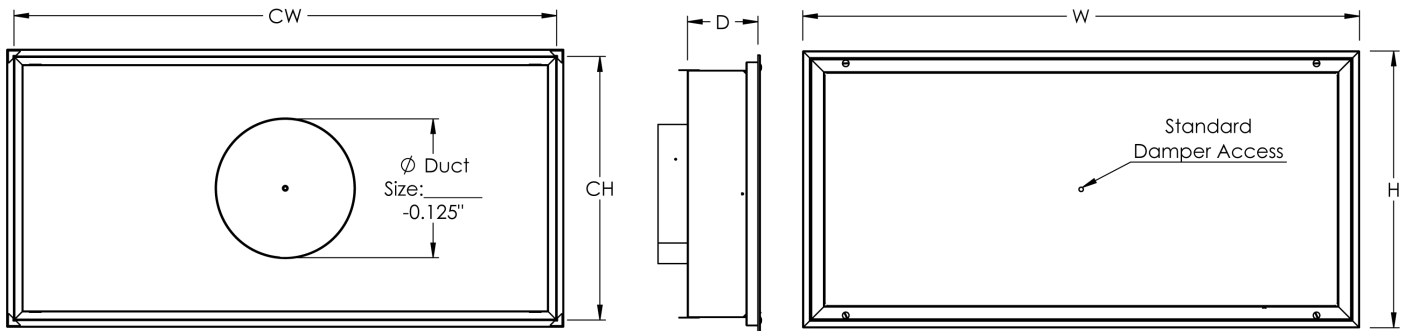




LAMINAR FLOW DIFFUSER

Model LA



AVAILABLE FEATURES

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 FOR DETAILS)

- ☐ SSLF-Basket

MATERIAL OPTIONS

- ☐ 304 Stainless Steel (Std.)
- ☐ 316 Stainless Steel

FINISH OPTIONS

- ☐ Polished
- ☐ White Antimicrobial Powder Coat
- ☐ Other: _____



LAMINAR FLOW DIFFUSER

Model LA

FACE OPTIONS

- ☐ Perf Face
- ☐ CLCD Face
- ☐ Swirl Face

PERF OPTIONS

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

FILTER OPTIONS

- ☐ ULPA Filter – 99.9995% on 0.12 µm

LIGHTING OPTIONS

- ☐ 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



LAMINAR FLOW DIFFUSER

Model LA

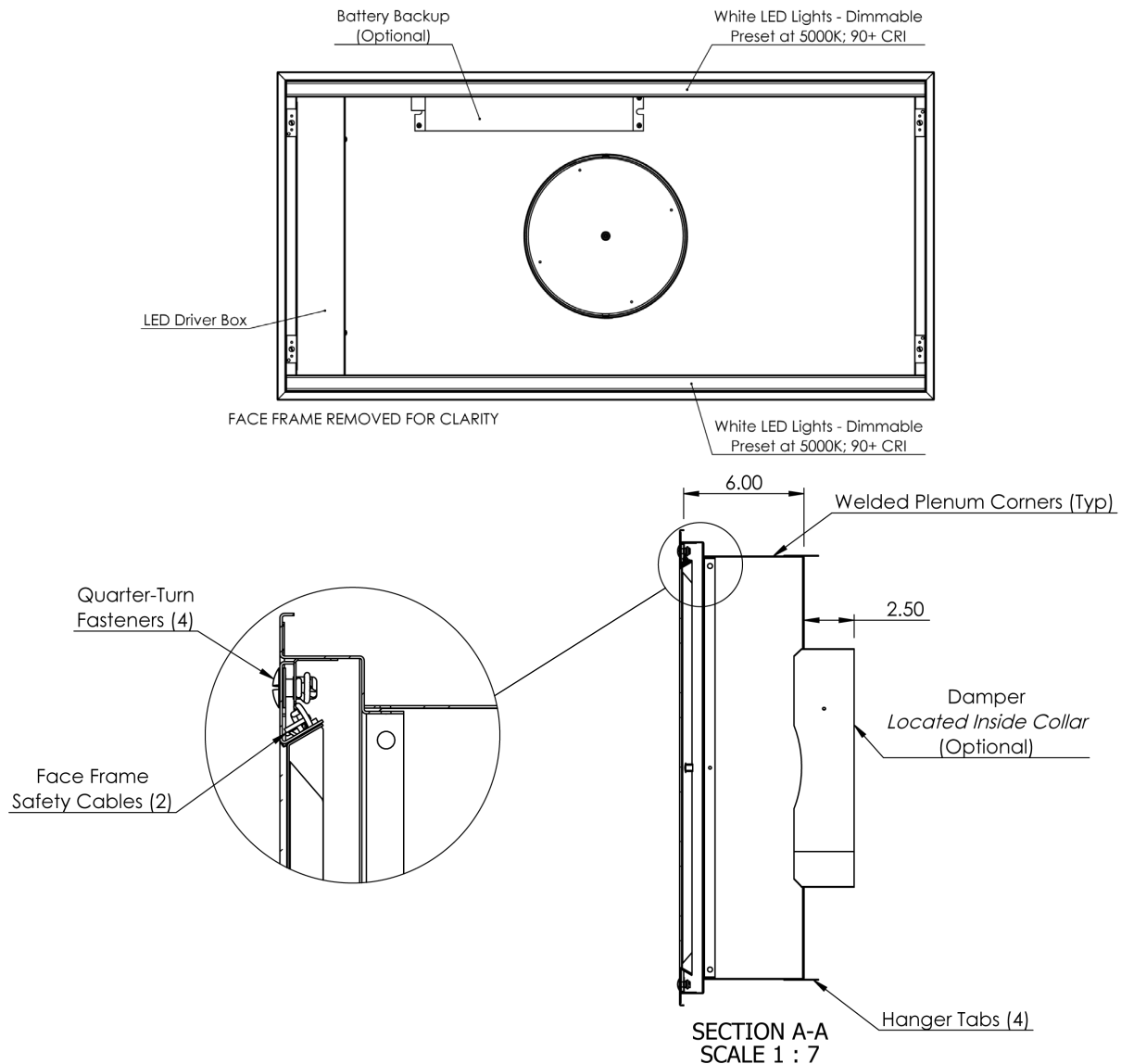


MEETS THE FOLLOWING UL LISTINGS

- 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 – 100watt – Class 2 – 100-277VAC Input
- 120VAC = 1.05Amps per Driver or
- 230VAC = 0.58Amps per Driver or
- 277VAC = 0.48Amps per Driver



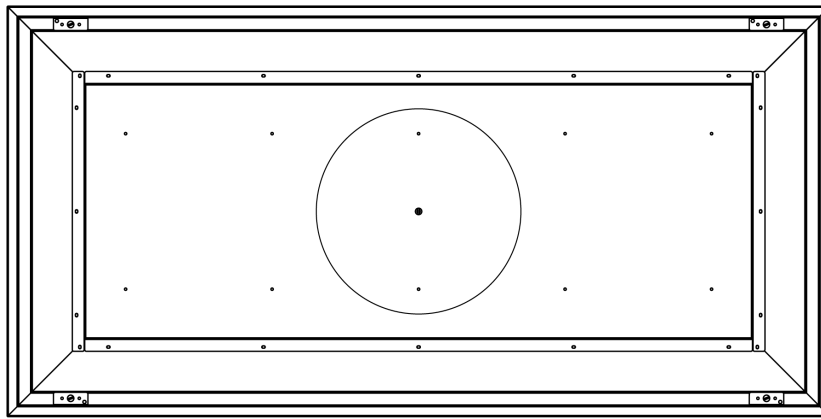


LAMINAR FLOW DIFFUSER

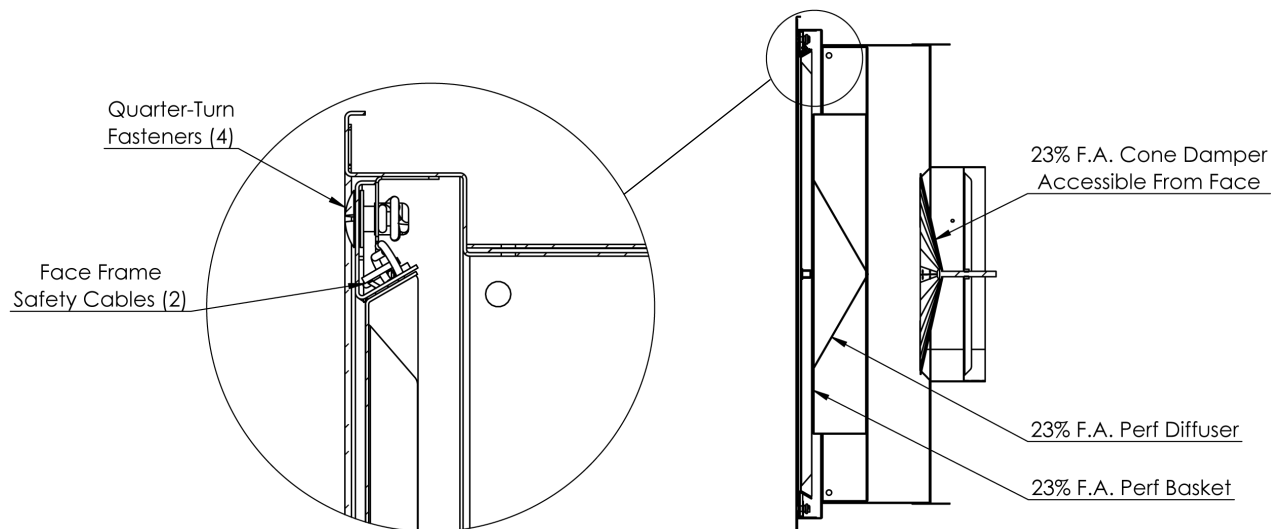
Model LA

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



FACE FRAME REMOVED FOR CLARITY



SECTION C-C
SCALE 1 : 7