N° ei8ht
LIGHTING
®

800 SERIES
TRIMS for **SHEETROCK/PLASTER/WOOD/**
STONE/ACOUSTIC TILE CEILINGS
INSTALLATION INSTRUCTIONS

SCAN QR CODE FOR INSTRUCTIONS

WARNING: Read and understand these instructions completely before installation. To be installed by qualified electricians only. Products should be installed in accordance with these instructions, local electrical codes, and the National Electric Code (NEC). These products may represent a possible shock or fire hazard if improperly installed.

CAUTION: Disconnect power at circuit breaker or fuse panel before installation or servicing. Always allow LED assembly to cool before servicing. Do not connect or disconnect LED lamp module wire connector when fixture is energized as this may result in permanent damage to the LED. Do not install where insulation or ambient temperatures will exceed maximum values noted in product specifications. See www.8lighting.com for current product specifications.

NOTE: Number Eight Lighting fixtures are designed to meet the latest NEC requirements and are listed in full compliance with UL standards. Before attempting installation, check your local electrical code which sets the wiring standards and installation requirements for your locality and should be understood before starting work.

SAVE THESE INSTRUCTIONS.

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TRIM INSTALLATION - SHEETROCK/PLASTER CEILINGS

STEP 1 Determine which Trim Kit model below is specified. Position mounting bracket and housing according to **Table 1.1** & **FIG 1.1** & **1.2**.
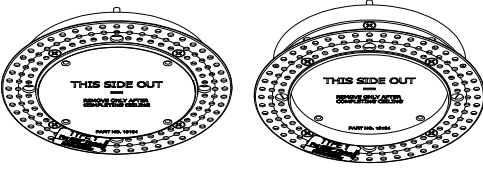
STEP 2 Apply stickers over un-used holes for airtight compliance based on housing and trim type specified - **FIG 1.3**. **Note:** Stickers are <u>not</u> required for 804D Housing.

⚠ **CAUTION:** Housing must be installed in correct height position for Trim model before installing Trim Kits. Be sure to select correct mounting bracket hole position for intended Trim assembly. Changing hole position <u>is not possible</u> after ceiling is installed.

▸ For ceiling cutout details - see **Page 2**
▸ For single Trim Installation details - see **Page 3**
▸ For multi-lamp Trim Installation details - see **Page 4**
▸ For Trim ceiling finishing details - see **Page 5 & 6**

Table 1.1 Mounting Bracket Position		
Trim Styles	**For Ceiling Thickness Range**	**Position #**
FR-P, FS-P	1/2" to 1"	Lower #1
INR-P, INS-P (Not for use with 804D Series)	1/2" to 1"	Upper #2
	1" to 1-1/2"	Lower #1

Round Trims

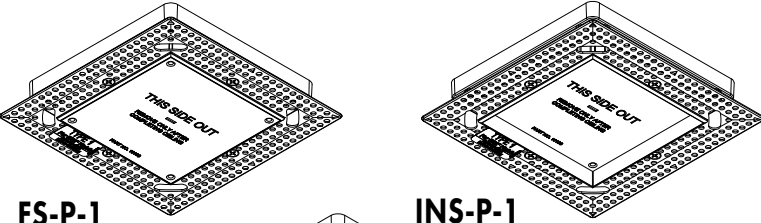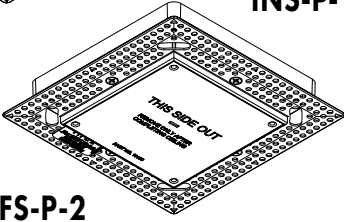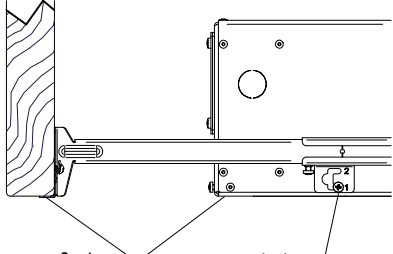FR-P-1   INR-P-1

FR-P-2

Square Trims

FS-P-1   INS-P-1

FS-P-2

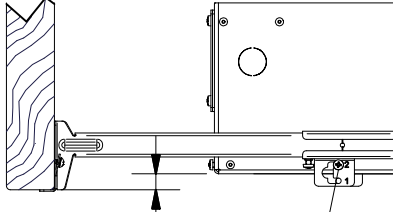

Housing flush with joist — Lower hole position 1

⚠ Refer to Table 1.1 above

FIG 1.1 Hole **Position 1** Housing Location
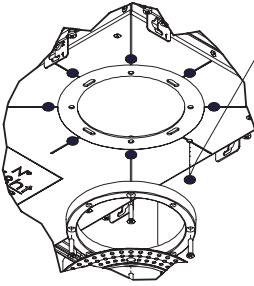

Housing raised up 1/2" — Upper hole position 2
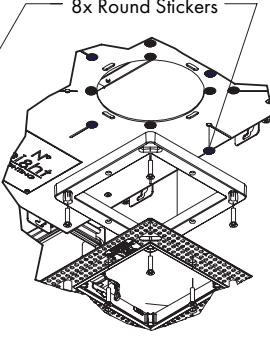
⚠ Refer to Table 1.1 above

FIG 1.2 Hole **Position 2** Housing Location
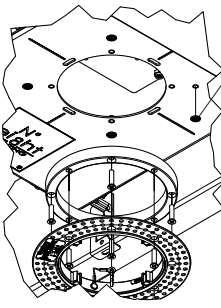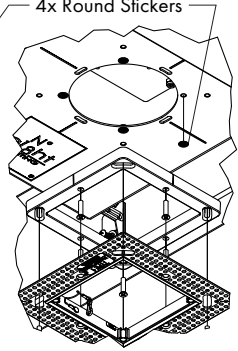
804S Housings

8x Round Stickers

For FR-P Trim   For FS-P/INS-P Trim

805 Housings

4x Round Stickers

For FR-P Trim   For FS-P/INS-P Trim

FIG 1.3 Sticker Application
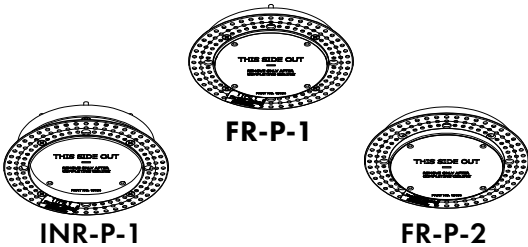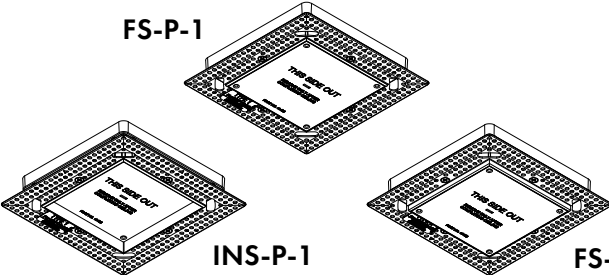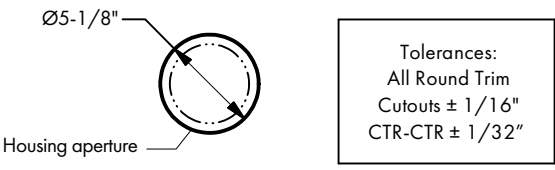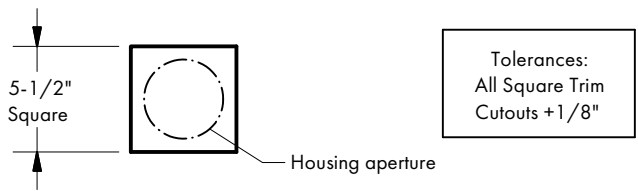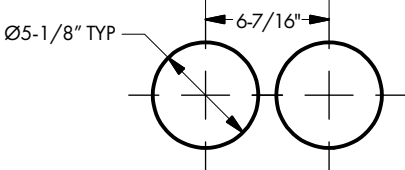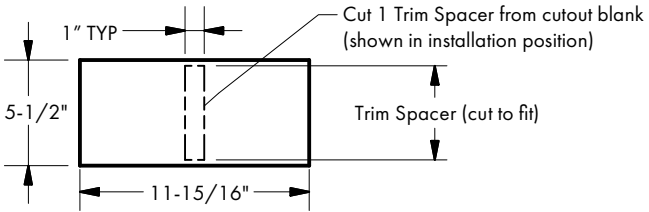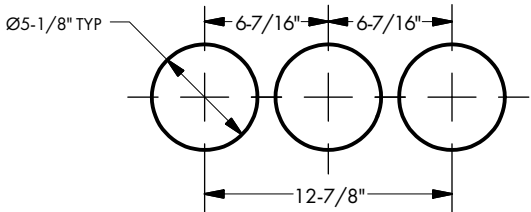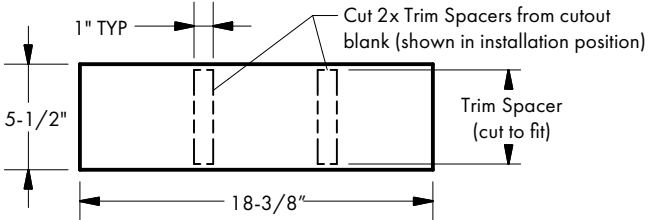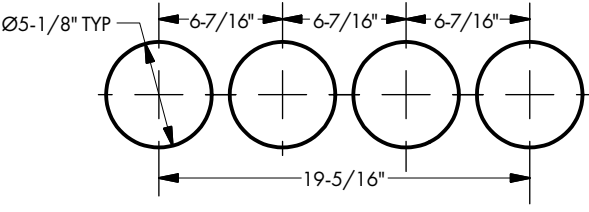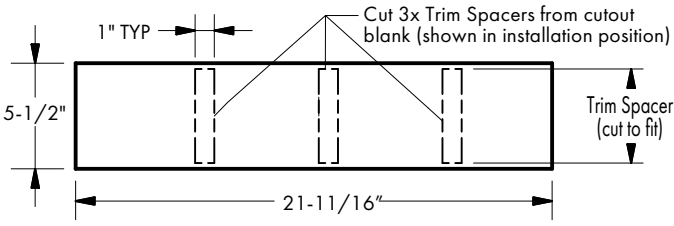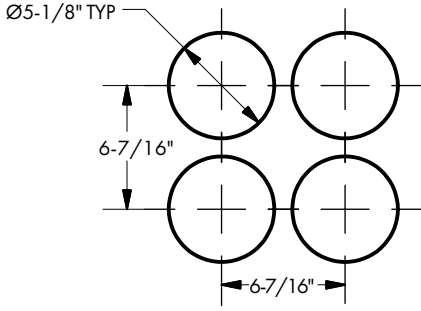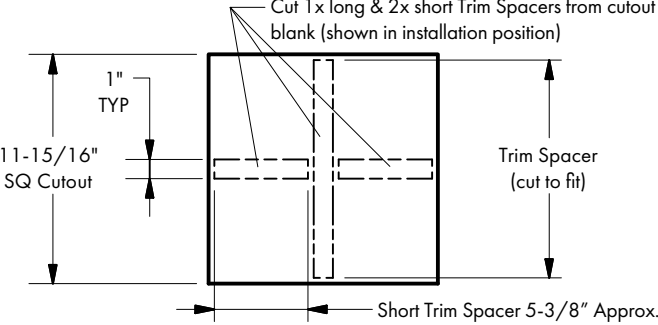
TRIM INSTALLATION - SHEETROCK/PLASTER CEILINGS

STEP 2 Accurately measure cutout location (for housing aperture center) & mark centers in ceiling material.
STEP 3 Cut openings in ceiling board as dimensioned below.
⚠ **IMPORTANT: Cutout location accuracy is critical, always double check measurements before cutting.**
Note: Trim Spacers are required with Square Trims used on Multi-Lamp Housings only. Spacers can be cut randomly from anywhere within square trim ceiling board cutout blanks shown below. Trim Spacer thickness <u>must be identical to</u> ceiling board used. Refer to **Page 4** for additional Trim Spacer installation details.

Round	Square

Round

FR-P-1

INR-P-1 FR-P-2

Square

FS-P-1

INS-P-1 FS-P-2

Round Trim Ceiling Cutouts

Square Trim Ceiling Cutouts & Trim Spacers

1 Lamp Housing

Ø5-1/8"
Housing aperture

Tolerances:
All Round Trim
Cutouts ± 1/16"
CTR-CTR ± 1/32"

5-1/2" Square
Housing aperture

Tolerances:
All Square Trim
Cutouts +1/8"

2 Lamp Housing

Ø5-1/8" TYP — 6-7/16"

1" TYP
5-1/2"
11-15/16"
Cut 1 Trim Spacer from cutout blank (shown in installation position)
Trim Spacer (cut to fit)

3 Lamp Housing

Ø5-1/8" TYP — 6-7/16" — 6-7/16"
12-7/8"

1" TYP
5-1/2"
18-3/8"
Cut 2x Trim Spacers from cutout blank (shown in installation position)
Trim Spacer (cut to fit)

4 Lamp Housing

Ø5-1/8" TYP — 6-7/16" — 6-7/16" — 6-7/16"
19-5/16"

1" TYP
5-1/2"
21-11/16"
Cut 3x Trim Spacers from cutout blank (shown in installation position)
Trim Spacer (cut to fit)

4 Lamp-Quad Housing

Ø5-1/8" TYP
6-7/16"
6-7/16"

1" TYP
11-15/16" SQ Cutout
Cut 1x long & 2x short Trim Spacers from cutout blank (shown in installation position)
Trim Spacer (cut to fit)
Short Trim Spacer 5-3/8" Approx.

TRIM INSTALLATION - SHEETROCK/PLASTER CEILINGS - SINGLE LAMP MODELS

STEP 1 Install USG "Imperial" or equivalent ceiling board (drywall/sheetrock) with cutouts positioned under housing apertures. Finish with one coat of USG sheetrock or equivalent wall covering primer. **Note:** Black frame (round or square) can be installed before or after ceiling board installation - **FIG 3.2**.

STEP 2 Install trim to housing by hand tightening 4 screws until trim is secured against ceiling board - **FIG 3.3**. **DO NOT OVERTIGHTEN.** Using power screw driver <u>is not recommended.</u>

STEP 3 Install Dust Cover - **FIG 3.2** & **3.4**.

Ceiling Board for Round Trims

Single Lamp Housing (Model 804S shown)

Ceiling Board for Square Trims
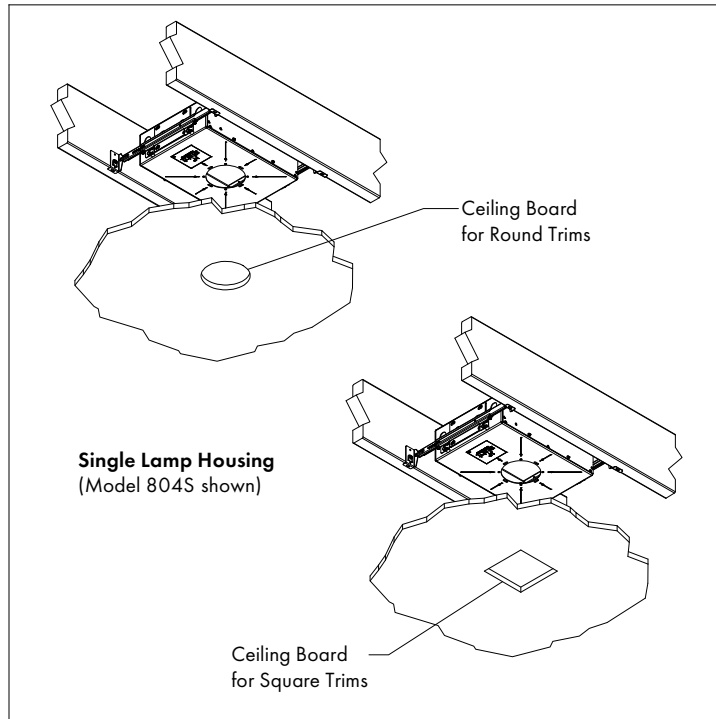
FIG 3.1 Wall Board Installation for Single Lamp Housings

Housing Aperture
Ceiling Cut-out
Frame (Square shown)
Slots permit rotational adjustment (Square Frame only
4x Screws FH 8-32x 3/4
Trim (FS-P-1 shown)
Safety Cable Clip (attach to Trim Plate)
4x Screws FH 8-32 x 3/4" (FS- Trims) FH 8-32 x 1-1/4" (INS- Trims)
Dust Cover (required for finishing)
Trim Plate
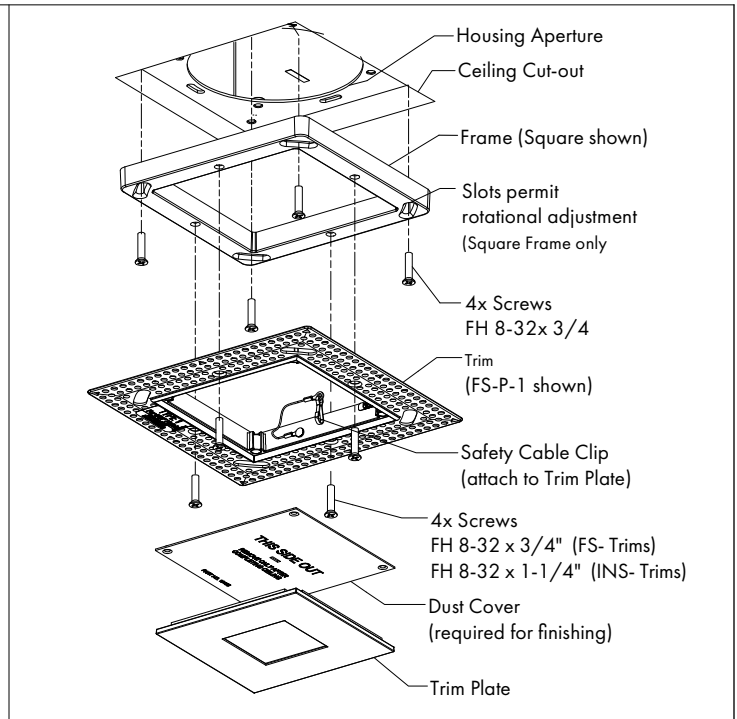
FIG 3.2 Frame & Trim Installation (for Single & Multi-Lamp)

Hand tighten 4 screws evenly to secure trim to ceiling board

Use open triangles to help align Trim along pencil lines

Penciled center lines marked on wall board

Slot permits access to corner screws for rotational adjustment of trim frame
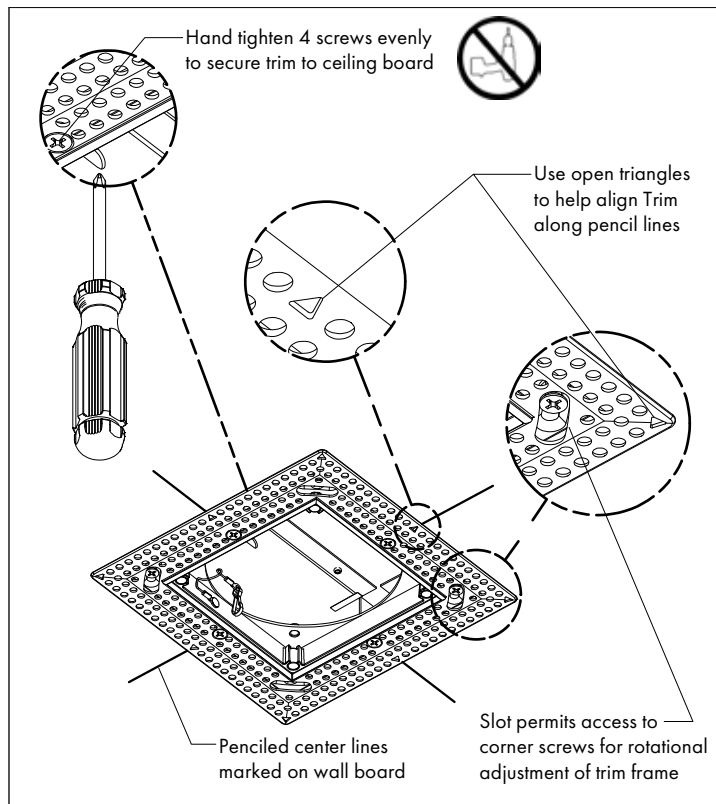
FIG 3.3 Install & Adjust Trim (for Single & Multi-Lamp)

THIS SIDE OUT
REMOVE ONLY AFTER COMPLETING CEILING

THIS SIDE OUT
REMOVE ONLY AFTER COMPLETING CEILING

FIG 3.4 Trims installed with Dust Covers in place

TRIM INSTALLATION - SHEETROCK/PLASTER CEILINGS - MULTI-LAMP MODELS

For Multi-Lamp Housings only (see **Page 3** for single lamp housings).
STEP 1 After making trim cutouts, install USG "Imperial" or equivalent ceiling board (drywall/sheetrock) and finish with one coat of USG sheetrock primer or equivalent - **FIG 4.1** & **4.2**.
STEP 2 Install Frames to housing. Note: Round or Square Frames can be installed before or after ceiling board installation - **FIG 4.3** & **4.4**.
STEP 3 For Square Trims only - Secure Trim Spacers (make from drywall/sheet rock cutout) to metal surface on bottom of Housing. Refer to **Page 10** for cut length required - **FIG 4.5** & **4.6**.
    Tip: use standard drywall adhesive to hold Trim Spacers until Trims can be installed. Trim Spacers are required to support the center of Trim Flanges when fastened to ceiling.
STEP 4 Install Trim to Housing by <u>hand tightening</u> 4 screws until Trim is secured against ceiling board - **FIG 4.7** & **4.8**. **DO NOT OVERTIGHTEN**. Using power screw driver <u>is not recommended</u>.

For Inline Housing Models 804S/805 -2, -3 & -4	For Quad Housing Models 804-4Q & 804S-4Q
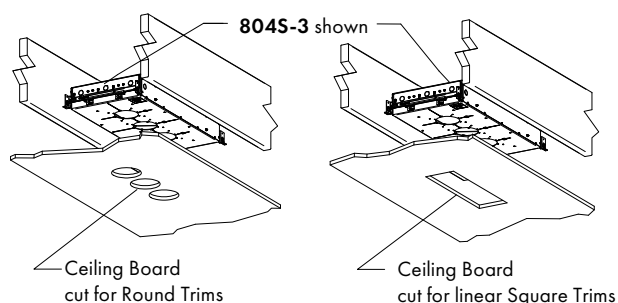
804S-3 shown

Ceiling Board cut for Round Trims

Ceiling Board cut for linear Square Trims

FIG 4.1 Install Ceiling Board

804S-4Q shown

Ceiling Board cut for Round Trims

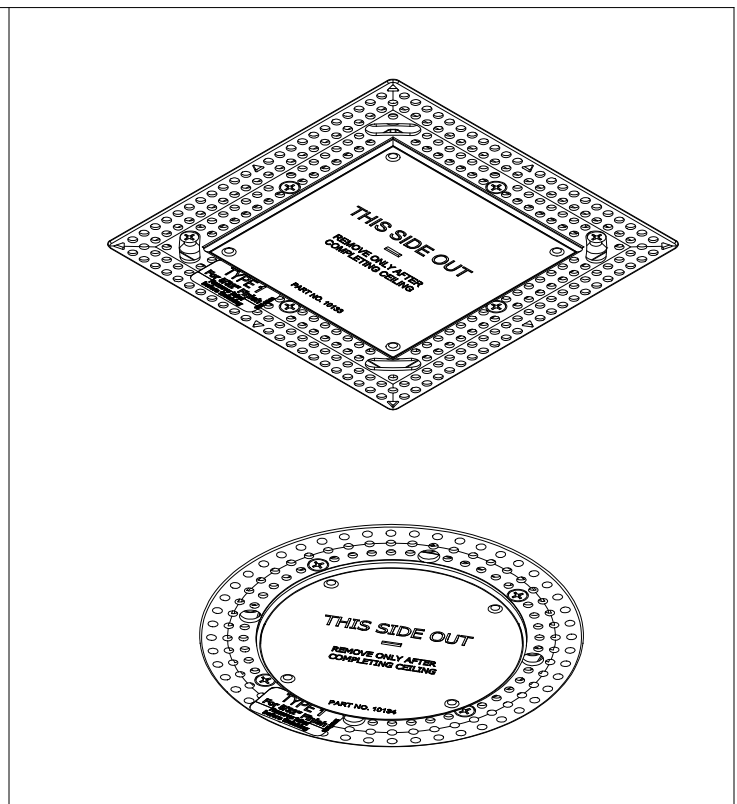Ceiling Board cut for quad Square Trims

FIG 4.2 Install Ceiling Board

Round

Screw FH 8-32 x 3/4

Square Frame

FIG 4.3 Install Frames

Round Frame

Square Frame

Screw FH 8-32 x 3/4

FIG 4.4 Install Frames

Tip: Use drywall adhesive on back side of all spacers

Frame

Trim Spacer Qty:
1x for 2 Lamp
2x for 3 Lamp (shown)
3x for 4 Lamp
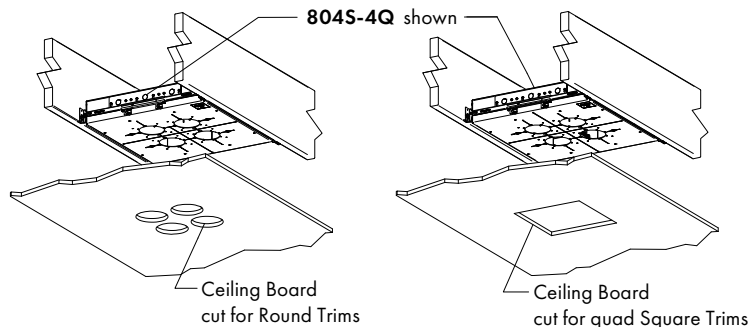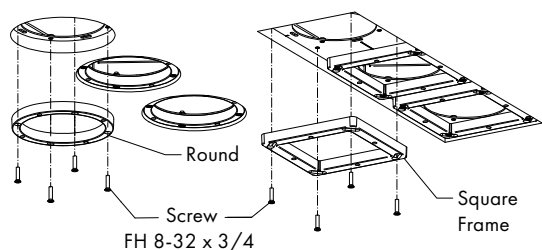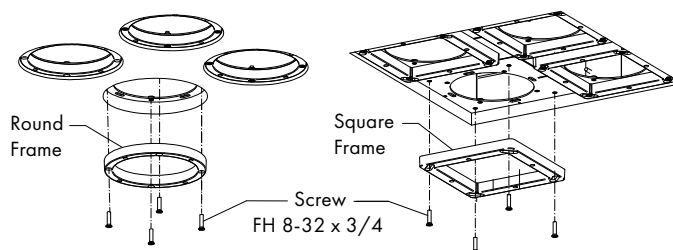
Refer to **Page 2** for Trim Spacer dimensions

FIG 4.5 Install Trim Spacers for Square Trims

1x Long Trim Spacer

Tip: Use drywall adhesive on back side of all spacers
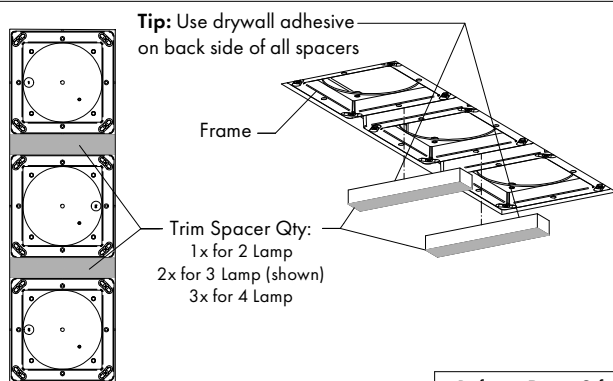
2x Short Trim Spacers

FIG 4.6 Install Trim Spacers for Square Trims

Slots permit rotational adjustment

FH Screw

Trim (FS-P-1 shown)

Dust Cover
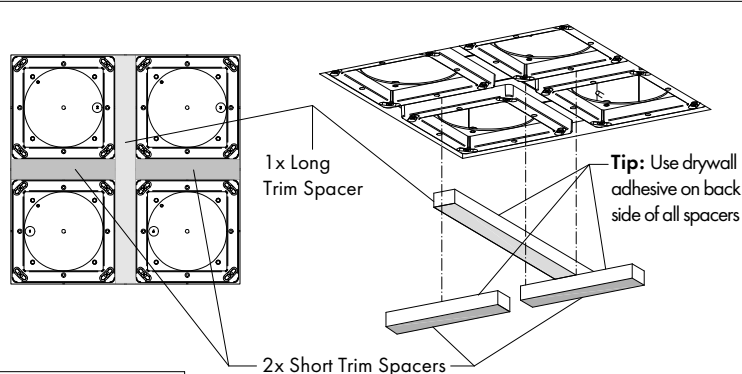
FIG 4.7 Install Trims - 3 Light

Slots permit rotational adjustment

FH Screw

FH Screw

Trim (FS-P-1 shown)

Dust Cover

FIG 4.8 Install Trims - 4 Light

TRIM INSTALLATION - SHEETROCK/PLASTER CEILINGS

Type P-1 Trim Installation (Refer to Figures on pages 4 & 6)

STEP 1 For Square Trims only- Adjust Trims to be square to walls and adjacent fixtures if required using four Phillips screws in each corner.
For all Trim types - Tighten trim against ceiling material using four Phillips screws in middle of trim - **FIG 4.3.** Once plaster or compound has been applied, no further adjustment to the trim is possible.

⚠️ **Important Note: Hand tighten trim adjustment screws. Power driver is not recommended.**

STEP 2 Apply 6" wide fiberglass tape to cover perforated metal trim flange. Extend tape over ceiling board leaving 1/8" cut-out around the outside edge of the raised trim lip - **FIG 6.2**.

Multi-Lamp models - cut narrow tape strips & install in between all trims so tape edges are 1/8" away from raised trim lip - **FIG 6.2**.

STEP 3 First Coat - Apply USG "Durabond" setting-type joint compound for embedding the perforated flange and fiberglass mesh following the manufacturer's instructions and warnings for outside corners and trim. The compound should extend on to the ceiling a minimum of 6" from the trim edge. Allow first coat to dry completely before applying the second coat - **FIG 6.3**.
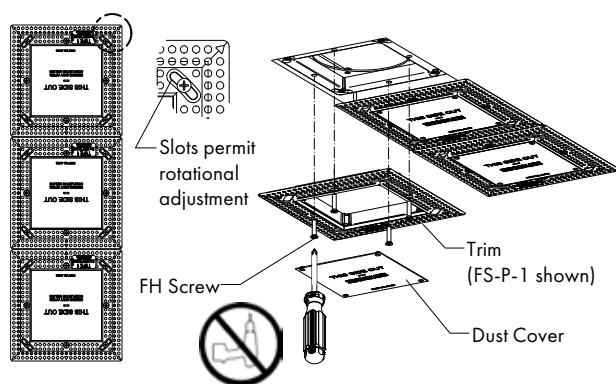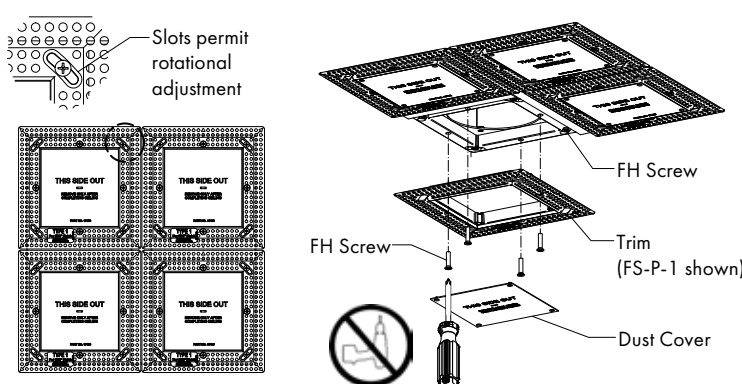
Tip: Avoid excess compound build-up between edges of trim and dust shield.

STEP 4 Second Coat - Apply USG general purpose ready-mixed joint compound flush to finished edge of trim, floating outward following the manufacturer's instructions and warnings. The compound should extend on to the ceiling a minimum of 10" from the trim edge. Allow second coat to dry completely before applying the third coat.

Tip: Avoid excess compound build-up between edges of trim and dust shield.

STEP 5 Third Coat - Apply USG ready-mixed finishing joint compound flush to finished edge of trim, floating outward following the manufacturer's instructions and warnings. The compound should extend on to the ceiling a minimum of 14" from the trim edge. Allow third coat to dry completely before sanding - **FIG 6.3**.

Tip: Avoid excess compound build-up between edges of trim and dust shield.

STEP 6 Lightly sand final coat with fine grit sandpaper until finished edge of trim and ceiling are flush.

STEP 7 After sanding joint compound flush and smooth, remove metal dust shield by inserting a flat head screw driver into center slot and prying downward. After removing dust shield, remove any excess material from edges of shield and trim.

Tip: It may be necessary to remove excess finish from joints between edge of trim and dust shield by scoring with a utility knife prior to removing dust shield.

STEP 8 Apply USG sheetrock wall covering primer or equivalent following the manufacturer's instructions and warnings.

Tip: If applying primer/paint by spray method, re-install dust shield to prevent overspray on inside of housing. Avoid excess paint build-up on inside edges of trim and between edges of trim and dust shield.

STEP 9 Apply paint finish coats or Venetian-style plaster finish following the manufacturer's instructions and warnings.

STEP 10 Remove metal dust shield and replace with trim plate - **FIG 6.6**.

Tip: It may be necessary to remove excess finish from joints between edge of trim and dust shield by scoring with a utility knife prior to removing dust shield.

STEP 11 If desired, paint trim plate to match ceiling finish-see Trim Plate Finishing Instructions at end of this page

Type P-2 Trim Installation (Refer to Figures on pages 4 & 6)

STEP 1 For Square Trims only- Adjust Trims to be square to walls and adjacent fixtures if required using four Phillips screws in each corner.
For all Trim types - Tighten trim against ceiling material using four Phillips screws in middle of trim - **FIG 4.3.** Once plaster or compound has been applied, no further adjustment to the trim is possible.

⚠️ **Important Note: Hand tighten trim adjustment screws. Power driver is not recommended.**

STEP 2 Apply USG "Plaster Bonder" over perforated section of white trim flange extending ¼" - ½" onto ceiling board following the manufacturer's instructions and warnings - **FIG 6.1**.

STEP 3 Apply 6" wide fiberglass tape, covering perforated metal flange and extending over ceiling board leaving 1/8" cut-out around the outside of the trim edge - **FIG 6.2**.

Multi-Lamp models-cut narrow tape strips & install in between all trims so tape edges are 1/8" away from raised trim lip - **FIG 6.2**.

Step 4 Apply 5/32" basecoat using 4:1 mixture of 4 parts USG "Imperial" Base to part USG "Structo-Lite" Base following the manufacturer's instructions and warnings for outside corners & trim - **FIG 6.4**. **Note:** Allow basecoat to dry thoroughly before applying finish coat. Do not apply finish coat until moisture content of base coat is within the plaster manufacturer's recommended levels. Measure moisture content using moisture meter to ensure even dryness throughout ceiling.

Tip: Before applying base coat, it may be necessary to paint edge of trim ring to match color of plaster to avoid seeing white metal edge through finish coat.

STEP 5 Apply 5/32" finish coat flush to finished edge of trim and floated outward following the manufacturer's instructions and warnings - **FIG 6.5**.

Tip: Avoid excess finish build-up between edges of trim and dust shield.

STEP 6 Remove dust shield and replace with trim plate - **FIG 6.6**.

Tip: It may be necessary to remove excess finish from joints between edge of trim and dust shield by scoring with a utility knife prior to removing dust shield.

STEP 7 If desired, paint trim plate to match ceiling finish-see Trim Plate Finishing Instructions.

Trim Plate Finishing Instructions:

STEP 1 Remove the metal trim plate from trim - **FIG 6.6**.

STEP 2 Clean and prepare exposed surfaces for painting following the manufacturer's instructions and warnings.

STEP 3 Paint as desired. **Note:** Paint must be rated for minimum 90°C (150°F). Do not paint backside of trim plate, foam gaskets, inside of trim, or magnets. Do not paint Trim Plate while installed in fixture. Do not paint backside of Trim Plate.
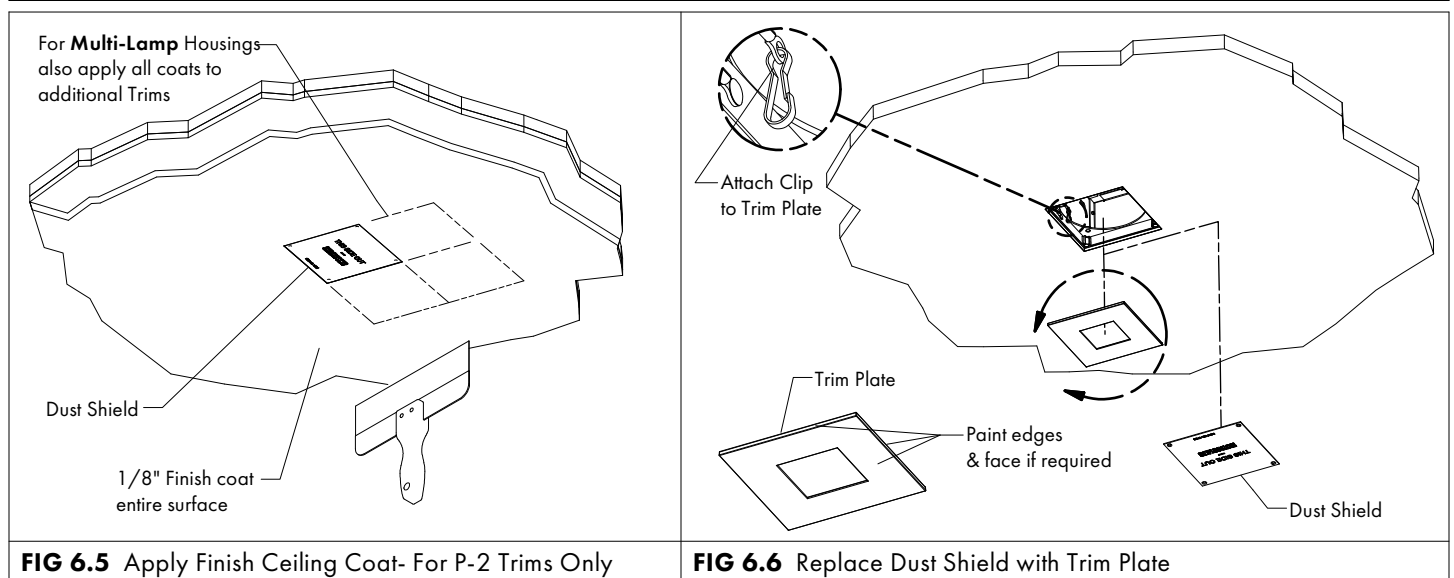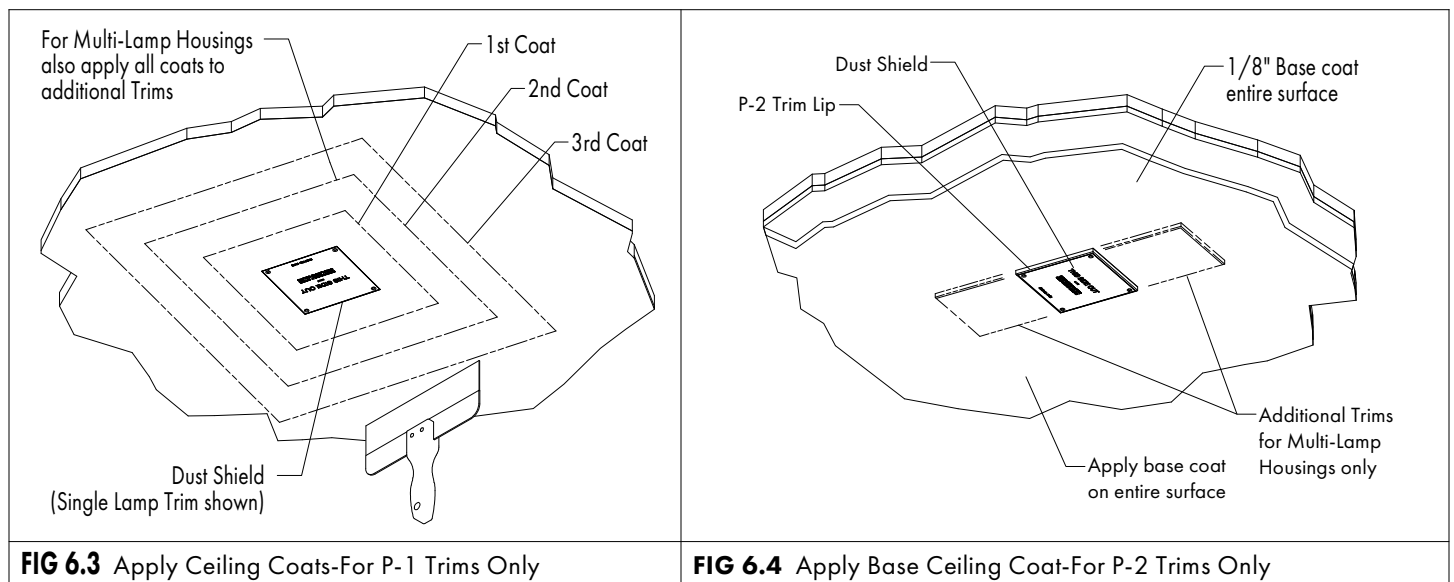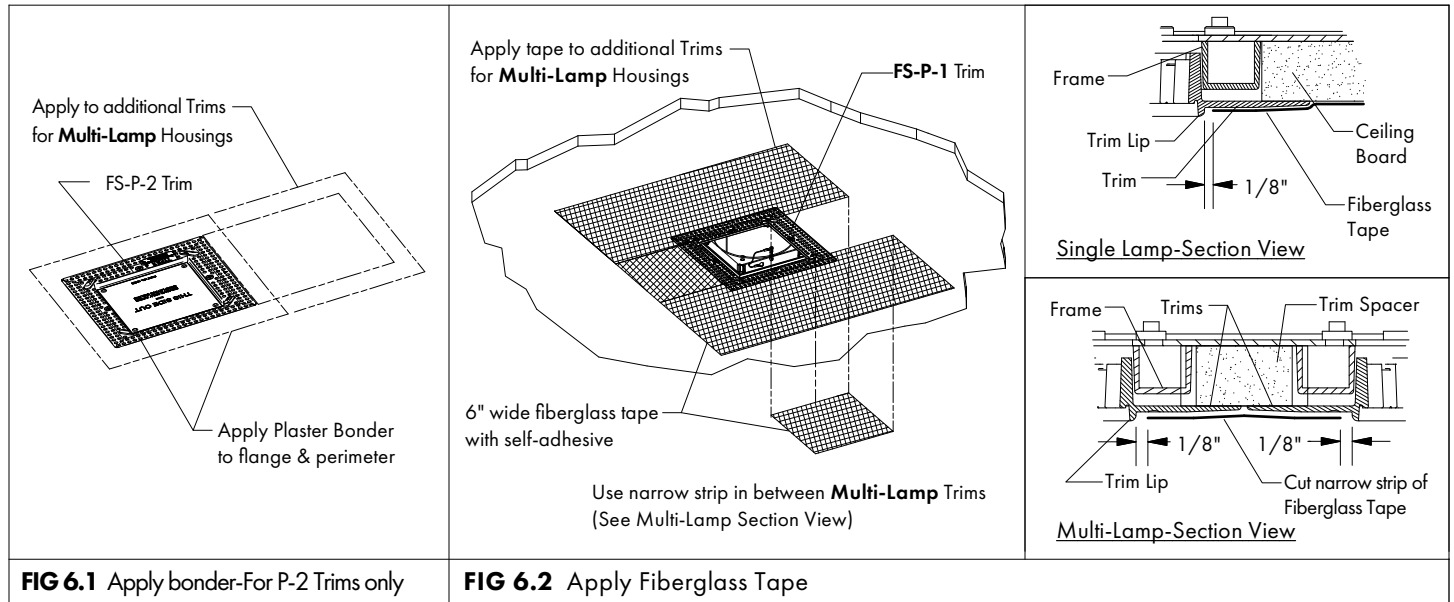
Tip: If applying paint by spray method, it may be necessary to mask trim plate lens and foam gaskets. Avoid excess paint build-up on trim edges.

STEP 4 After paint has thoroughly dried, reassemble into trim - **FIG 6.6**.

TRIM INSTALLATION - SHEETROCK/PLASTER CEILINGS

Note: Square **FS-P**-1 Trims are shown in illustrations. Round Trims are installed the same way as Square Trims.

Apply to additional Trims for **Multi-Lamp** Housings

FS-P-2 Trim

Apply Plaster Bonder to flange & perimeter

Apply tape to additional Trims for **Multi-Lamp** Housings

FS-P-1 Trim

6" wide fiberglass tape with self-adhesive

Use narrow strip in between **Multi-Lamp** Trims (See Multi-Lamp Section View)

Frame

Trim Lip

Trim

1/8"

Ceiling Board

Fiberglass Tape

Single Lamp-Section View

Frame   Trims   Trim Spacer

1/8"   1/8"

Trim Lip

Cut narrow strip of Fiberglass Tape

Multi-Lamp-Section View

FIG 6.1 Apply bonder-For P-2 Trims only

FIG 6.2 Apply Fiberglass Tape

For Multi-Lamp Housings also apply all coats to additional Trims

1st Coat

2nd Coat

3rd Coat

Dust Shield (Single Lamp Trim shown)

FIG 6.3 Apply Ceiling Coats-For P-1 Trims Only

Dust Shield

P-2 Trim Lip

1/8" Base coat entire surface

Additional Trims for Multi-Lamp Housings only

Apply base coat on entire surface

FIG 6.4 Apply Base Ceiling Coat-For P-2 Trims Only

For **Multi-Lamp** Housings also apply all coats to additional Trims

Dust Shield

1/8" Finish coat entire surface

FIG 6.5 Apply Finish Ceiling Coat- For P-2 Trims Only

Attach Clip to Trim Plate

Trim Plate

Paint edges & face if required

Dust Shield

FIG 6.6 Replace Dust Shield with Trim Plate

TRIM INSTALLATION - SHEETROCK/PLASTER CEILINGS - SECTION VIEWS

INS-P-1

Fiberglass tape

Ceiling finish applied flush to trim edge

Trim Plate

INS-P-1 Plaster Trim

Frame

Rough ceiling thickness (1/2" to 1-1/2")

Ceiling finish build-up (5/32" thickness)

FR-P-1 & FS-P-1

Fiberglass tape

Ceiling finish applied flush to trim edge

Trim Plate

FS/FR-P-1 Plaster Trim

Frame

Rough ceiling thickness (1/2" to 1")

Ceiling finish build-up (5/32" thickness)
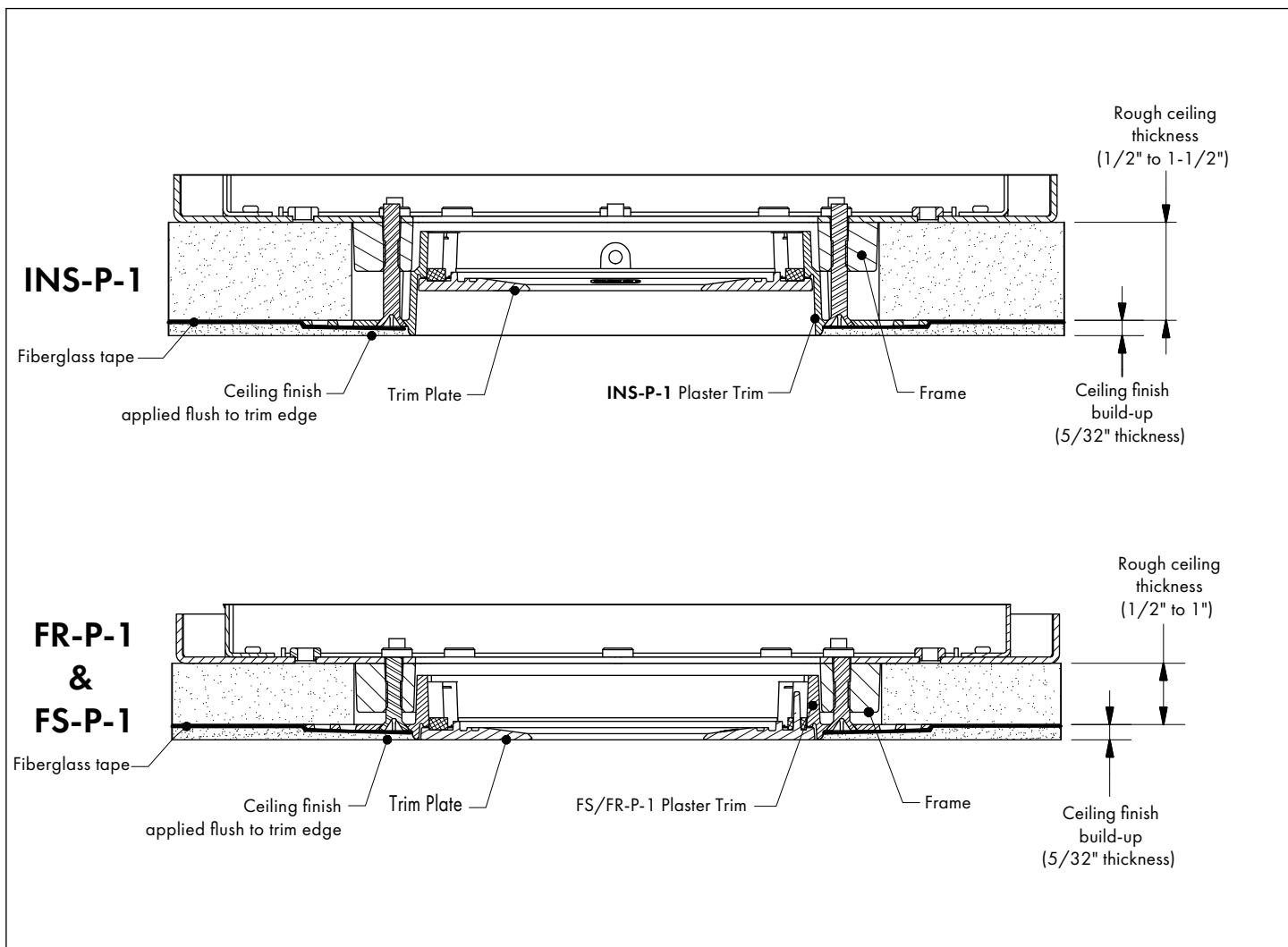
FIG 7.1   Trim Type P-1 - Finished Ceiling Section Views

FR-P-2 & FS-P-2

Fiberglass tape

Ceiling finish applied flush to trim edge

Trim Plate

FS/FR-P-2 Trim

Rough ceiling thickness (1/2" to 1")

Ceiling finish build-up (5/16" thickness)
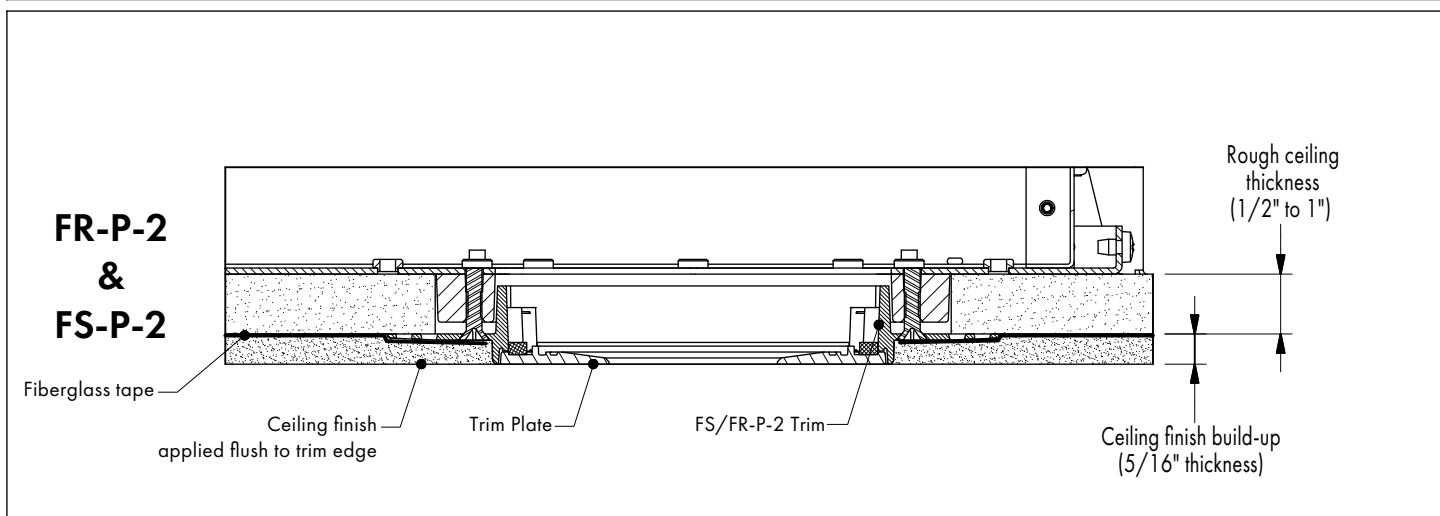
FIG 7.2   Trim Type P-2 - Finished Ceiling System Section View

SQUARE TRIM INSTALLATION - WOOD/STONE/ACOUSTIC TILE CEILINGS

IMPORTANT: Not for use with 804D Series housings

STEP 1 Determine which Trim type. Position mounting bracket and housing according to **Table 8.1, FIG 8.1** & **8.2**.

STEP 2 Apply stickers over un-used holes for airtight compliance based on housing and Trim type **FIG 8.1**, **5.2** & **5.3**.

CAUTION: Housing must be installed in correct height position for Trim type before beginning Trim installation.
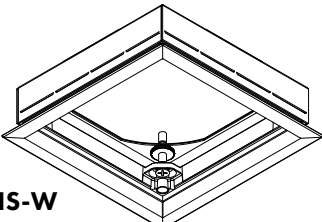Be sure to select correct mounting bracket hole position for intended Trim.
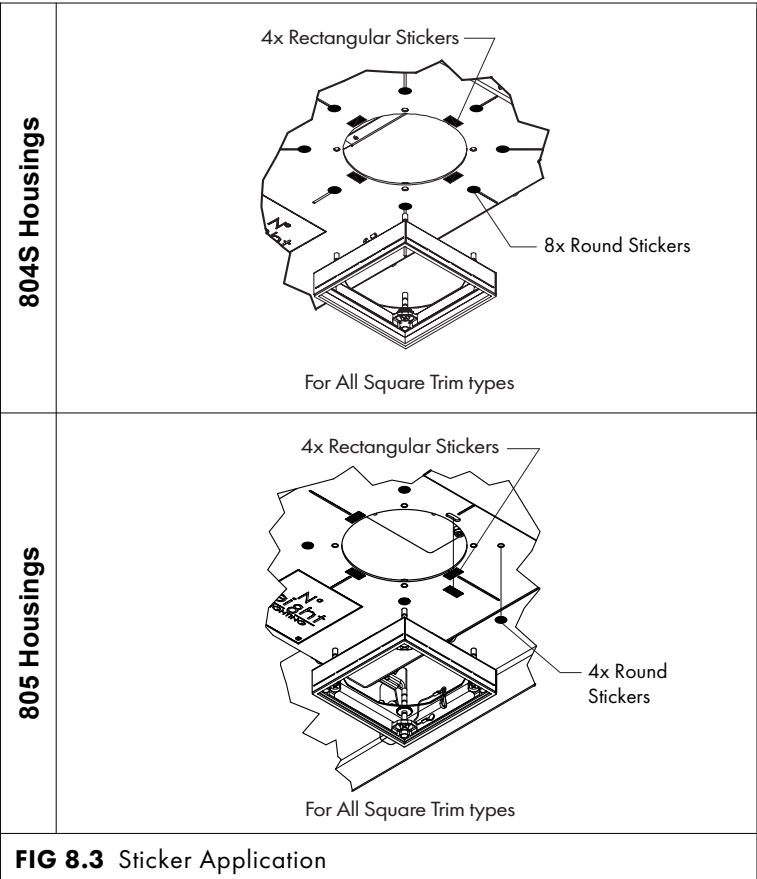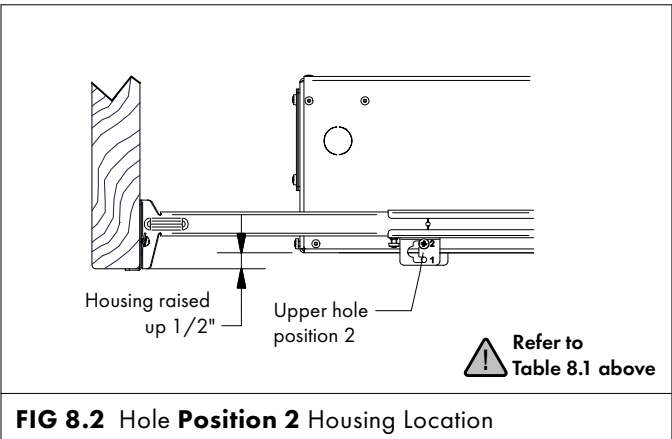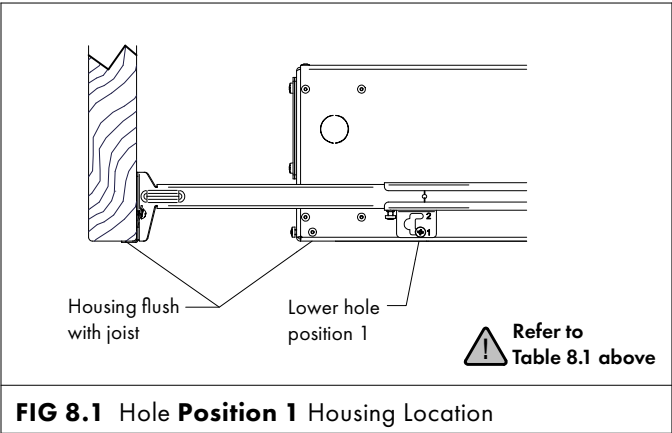Changing hole position is not possible after ceiling is installed.
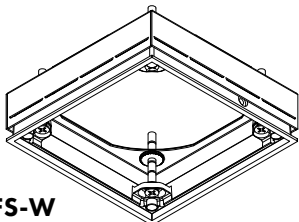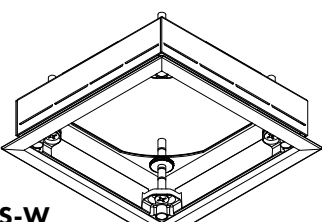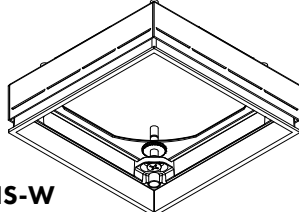
▸ For ceiling cutout details - see **Page 9**
▸ For Trim assembly & adjustment details - see **Page 10**
▸ For Trim installation details - see **Page 11**

Table 8.1 Mounting Bracket Position Chart

Trim Types	For Ceiling Thickness Range	Position #
FS-W, FS-W-M, FLS-W	1/4" to 3/4"	Upper (#2)
	3/4" to 1-1/2"	Lower (#1)
INS-W, FLINS-W	1/2" to 1"	Upper (#2)
	1" to 1-1/2"	Lower (#1)

Square Wood/Stone Trim Kit Models

	Non-Flanged	Flanged
Trim Type	FS-W, FS-W-M, INS-W	FLS-W, FLINS-W

Housing flush with joist — Lower hole position 1

⚠ Refer to Table 8.1 above

FIG 8.1 Hole **Position 1** Housing Location

Housing raised up 1/2" — Upper hole position 2

⚠ Refer to Table 8.1 above

FIG 8.2 Hole **Position 2** Housing Location

804S Housings

4x Rectangular Stickers

8x Round Stickers

For All Square Trim types

805 Housings

4x Rectangular Stickers

4x Round Stickers

For All Square Trim types

FIG 8.3 Sticker Application

SQUARE TRIM INSTALLATION - WOOD/STONE/ACOUSTIC TILE CEILINGS

STEP 3 Accurately measure cutout location for housing aperture centers & mark centers in ceiling board.

STEP 4 Cut openings in ceiling board as dimensioned below.

⚠️ **IMPORTANT:** Cutout location accuracy is critical, always double check measurements before cutting.

	Square Wood/Stone/Acoustic Tile Trim Kit Models	
	Non-Flanged	**Flanged**

Trim Type

FS-W   **INS-W**

FS-W-M

FLS-W

FLINS-W

IMPORTANT - Cutout edges for all Non-Flanged trims will be exposed after installation & must be sharp & clean.

1 Lamp Housing

4-3/8" SQ

2 Lamp Housing

6-7/16"

4-3/8" SQ

10-13/16"

3 Lamp Housing

6-7/16" — 6-7/16"

4-3/8" SQ

17-1/4"

4 Lamp Housing

6-7/16" — 6-7/16" — 6-7/16"

4-3/8" SQ

23-11/16"

4 Lamp Housing

6-7/16"

6-7/16"

4-3/8" SQ

10-13/16" SQ

Square Cutout Tolerances:
FS-W, FS-W-M ± 1/32"
INS-W ± 1/32"
FLS-W +1/8"-1/16"
FLINS-W +1/8"-1/16"
CTR to CTR ± 1/32"

SQUARE TRIM INSTALLATION - WOOD/STONE/ACOUSTIC TILE CEILINGS

STEP 5 If painting is required, temporarily separate Light Shield & Retainer Gasket from Trim Kit & paint Trim & Trim Plate (see note in **FIG 10.1**).

STEP 6 Before installing, rough adjust Trim Kit height to approximate ceiling-to-Housing depth. Use Screws & Round Nuts to set rough height of Trim - **FIG 10.1** & **10.2**.

Note: For some installations the Light Shield will need to be shortened in height. To shorten Light Shield simply snap off short perforated edges on all sides by repeatedly bending them back & forth. Straighten remaining sides of Light Shield by hand bending if warped - **FIG 10.2**.

STEP 7 Position Trim Kit so Break-away Screws line up with Housing holes- **FIG 10.3** & **10.4**.

Break-away Tool (remove from kit)
Retainer Gasket
Light Shield
Round Nut 4x
Stud Retainer 4x (pre-assembled)
Safety Cable & Clip
Trim (**INS-W** shown)
FH Screw 4x 8-32 x 1 Break-away
Trim Plate (S Series shown)

If painting required, separate temporarily by removing Round Nuts

Note: If painting required, only paint over white areas exposed *after* installation. Avoid excess paint build-up.

FIG 10.1 Trim Kit Assembly

If required, shorten Light Shield height by bending all 4 lower side edges back & forth to break off at the perforation.

Light Shield perforations
Approximate Ceiling thickness
Round Nut
Pre-set Trim height by incrementally adjusting each of 4x screws using a finger to keep round nuts from rotating.
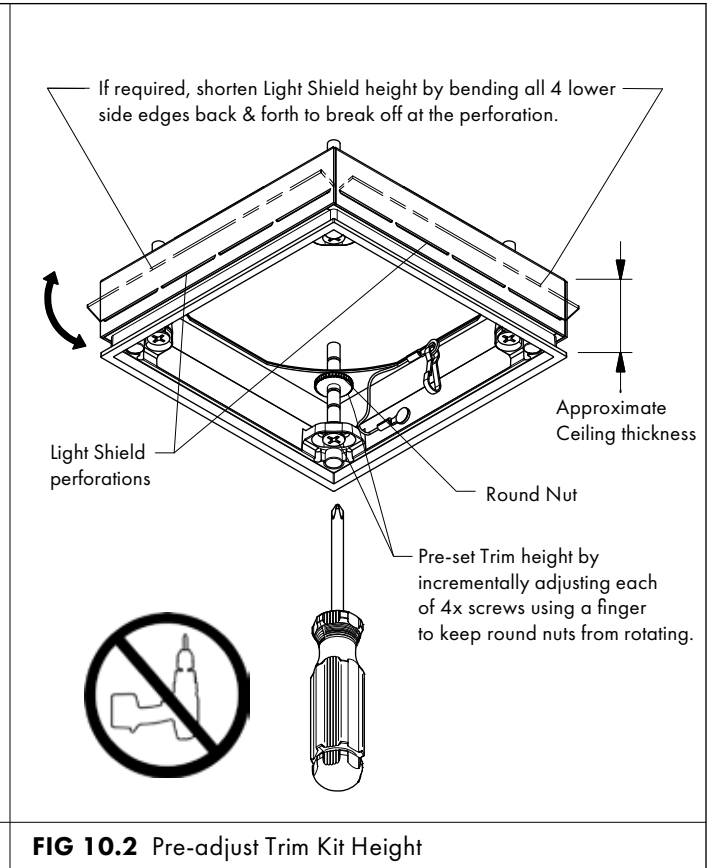
FIG 10.2 Pre-adjust Trim Kit Height

Round Nut
Trim (INS-W shown)

Note: FS-W, FS-W-M & INS-W Trim Kits can be attached to Housing with or without ceiling already installed.
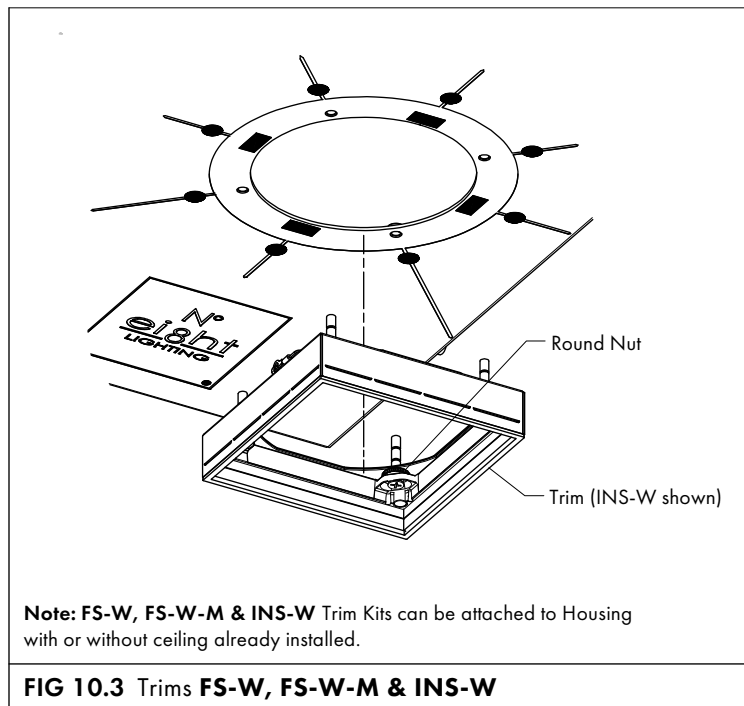
FIG 10.3 Trims **FS-W, FS-W-M & INS-W**

Ceiling cutout
Trim (**FLINS-W** shown)
Safety Cable for Trim Plate

Note: FLS-W & FLINS-W Trim Kits must be attached <u>after ceiling is installed</u>.
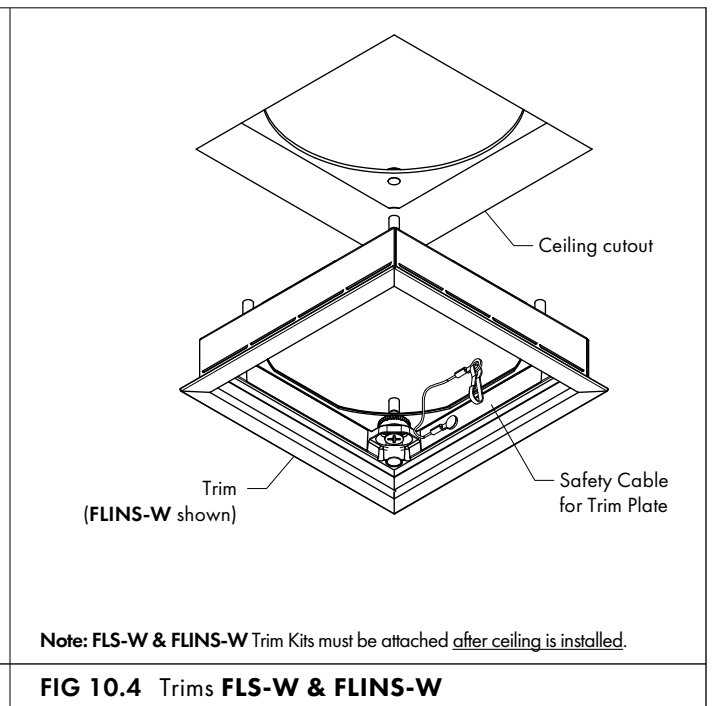
FIG 10.4 Trims **FLS-W & FLINS-W**

SQUARE TRIM INSTALLATION - WOOD/STONE/ACOUSTIC TILE CEILINGS

STEP 8 Attach trim to Housing by fastening each of the Break-away Screws in small, equal increments to avoid binding. Adjust each screw until Trim height is level with the finished ceiling as shown in section views - **FIG 11.1** & **11.3**

NOTE: Slots in Trim permit 6 degrees of adjustment for aligning Trim Kit with ceiling opening, walls & other fixtures.

CAUTION: Be sure Round Nuts are not locked against Trim or Housing during installation & adjustment.

Use Phillips type screwdriver only! Do not use power driver on Break-away Screws!

STEP 9 After completing height adjustment, secure round nuts against light shield and break off Break-away Screws as shown - **FIG 11.2 & 11.3**.

Light Shield
Break-away tool
Trim (**FS-W** shown)
Round Nut
4X FH Break-away Screw 8-32 X 1-1/2
Slots in Trim permit 6° of rotational adjustment
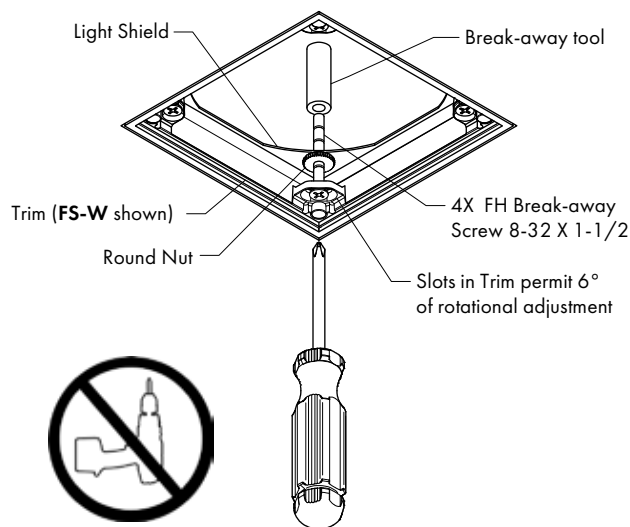
FIG 11.1   Fine adjust Trim Kit height

CAUTION: Be sure to check that Trim is set to correct height for Housing before breaking off Screws.
No more than 1 screw section should be visible above Light Shield to avoid interference with adjustable lamp modules.

Break-away tool
Break-away Screw
Housing
Round Nut
Snap off extra section/s
1 section must protrude through
Ceiling
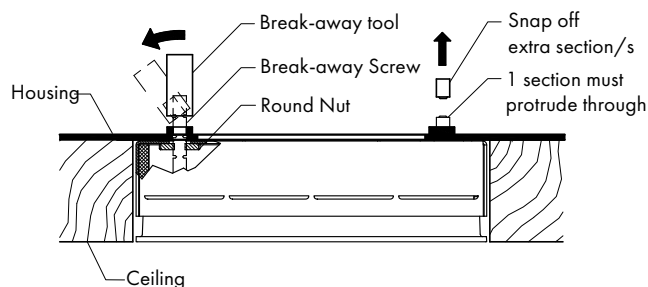
FIG 11.2 Break-away Screw height after installation

Non-Flanged

FS-W
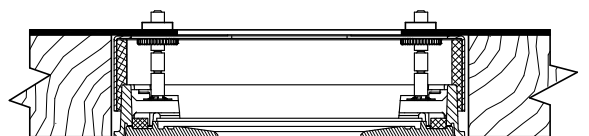
FS-W-M

Note: Recess **FS-W-M** Trim 1/16" above finished ceiling so Trim Plate will sit flush as shown

1/16"
Recessed Trim
Flush Trim Plate
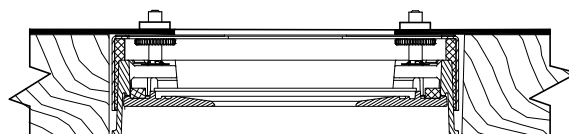
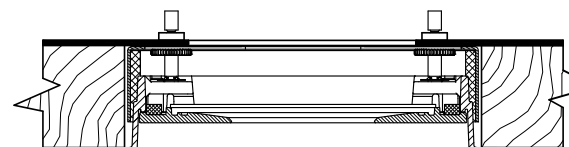**INS-W**

Flanged
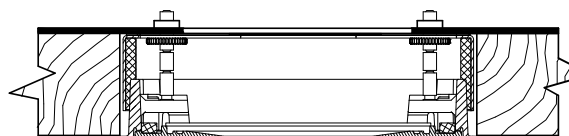
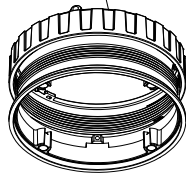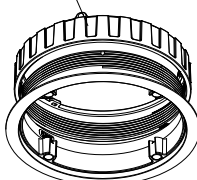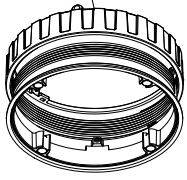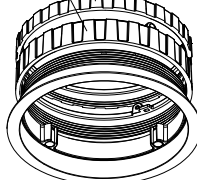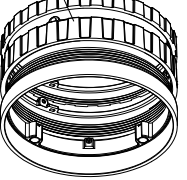**FLS-W**

FLINS-W

FIG 11.3 Section Views

ROUND TRIM INSTALLATION - WOOD/STONE/ACOUSTIC TILE CEILINGS
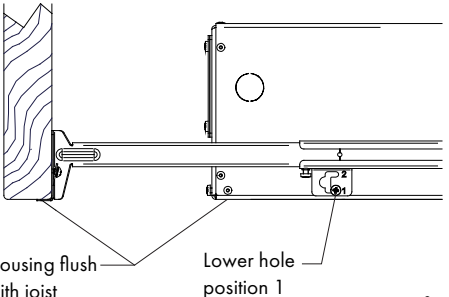
IMPORTANT: Not for use with 804D Series housings

STEP 1 Determine Trim type. Poisiton mounting bracket according to **Table 12.1 & FIG 12.1** & **12.2**.

STEP 2 Apply stickers over un-used holes for airtight compliance based on housing and trim type - **FIG 12.3**.

CAUTION: Housing must be installed in correct height position for Trim model before beginning Trim installation. Be sure to select correct mounting bracket hole position for intended Trim. Changing hole position is not possible after ceiling is installed.

▸ For ceiling cutout details - see **Page 13**
▸ For Trim assembly & adjustment details - see **Page 14**
▸ For Trim installation details - see **Page 15**

Table 12.1 Mounting Bracket Position Chart			
Trim Type	**Mounting Ring**	**For Ceiling Thickness Range**	**Position #**
FR-W , FLR-W	Standard	1" to 1-1/2"	Lower (#1)
		1/2" to 1"	Upper (#2)
INR-W , FLINR-W	Short	1" to 1-1/4"	Lower (#1)
		1/2" to 3/4"	Upper (#2)
	Tall	1-1/4" to 1-1/2"	Lower (#1)
		3/4" to 1"	Upper (#2)

Round Wood/Stone/Acoustic Tile Trim Kit Models

	Non-Flanged	Flanged
Trim Type		

FR-W   FR-W-M   INR-W   FLR-W   FLINR-W

Standard Mounting Ring; Standard Mounting Ring; Tall Mounting Ring; Short Mounting Ring; Standard Mounting Ring; Tall Mounting Ring; Short Mounting Ring
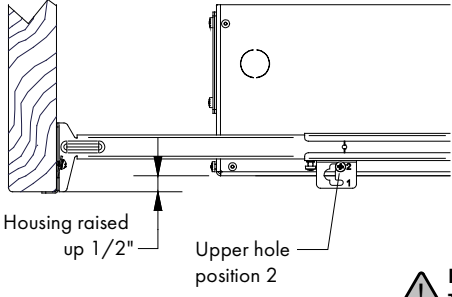

Housing flush with joist (804S shown) — Lower hole position 1 — ⚠ Refer to Table 12.1 above
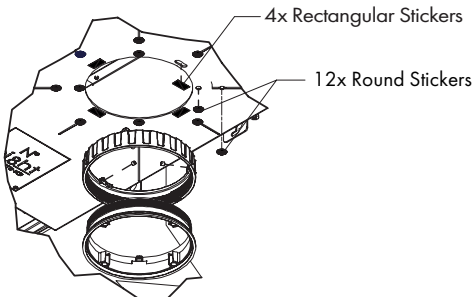
FIG 12.1 Hole Position 1 Housing Location

Housing raised up 1/2" — Upper hole position 2 — ⚠ Refer to Table 12.1 above
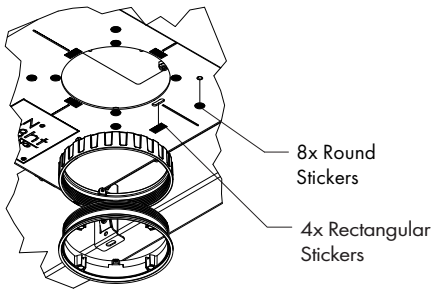
FIG 12.2 Hole **Position 2** Housng Location

804S Housings

4x Rectangular Stickers
12x Round Stickers

FIG 12.3 Sticker Application
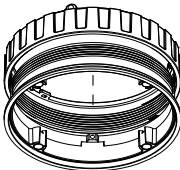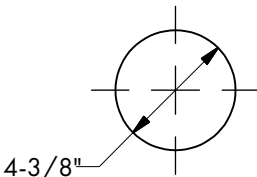
805 Housings

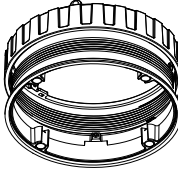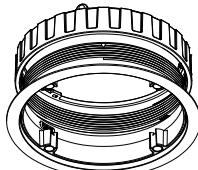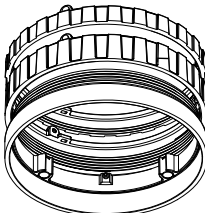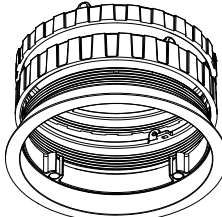8x Round Stickers
4x Rectangular Stickers

ROUND TRIM INSTALLATION - WOOD/STONE/ACOUSTIC TILE CEILINGS

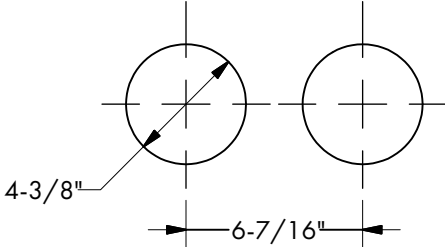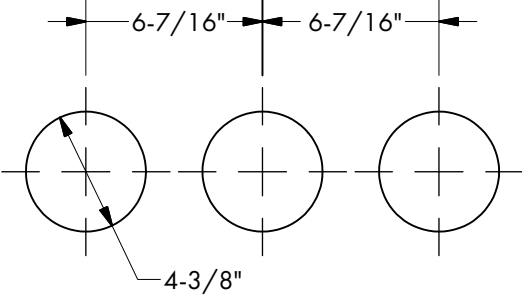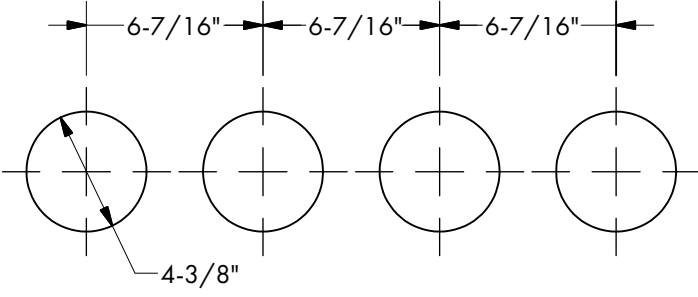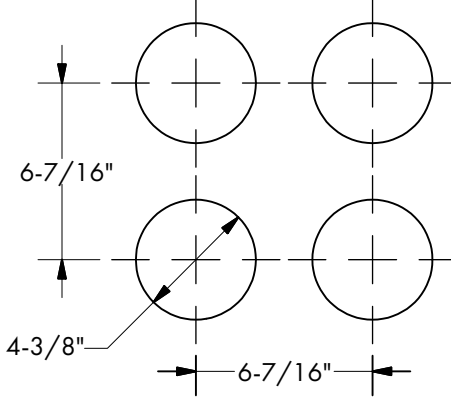**STEP 3** Accurately measure cutout location for housing aperture centers & mark centers in ceiling board.
STEP 4 Cut openings in ceiling board as dimensioned below.

⚠ **IMPORTANT:** Cutout location accuracy is critical. Always double check measurements before cutting.

Round Wood/Stone/Acoustic Tile Trim Kit Models		
	Non-Flanged	**Flanged**
Trim Type	FR-W FR-W-M INR-W	FLR-W FLINR-W

IMPORTANT- The cutout edges for all Non-flanged Trims will be exposed after installation and must be sharp & clean.

1 Lamp
4-3/8"

2 Lamp
4-3/8"
6-7/16"

3 Lamp
6-7/16"   6-7/16"
4-3/8"

4 Lamp
6-7/16"   6-7/16"   6-7/16"
4-3/8"

4 Lamp Quad
6-7/16"
4-3/8"
6-7/16"

Round Cutout Tolerances:
FR-W / **FR-W-M** / **INR-W** ± 1/32"
FLR-W / **FLINR-W** +1/8"-1/32"
CTR to CTR ± 1/32"

ROUND TRIM INSTALLATION - WOOD/STONE/ACOUSTIC TILE CEILINGS

STEP 1 Insert Mounting Ring lip fully into Housing & fasten with 3x Set Screws using allen key supplied - **DO NOT OVERTIGHTEN.** Mounting Ring can be installed with or without ceiling in place **- FIG 14.1.**

STEP 2 If painting is required, paint Trim & Trim Plate only (see note in **FIG 14.2**).

STEP 3 Thread Trim into Mounting Ring. Adjust until Trim height is level with the finished ceiling as shown in section views **- FIG 14.2, 14.3** & **15.1 & 15.2**.

STEP 4 Secure height with Locking Set Screw - **DO NOT OVERTIGHTEN FIG 15.1.**

STEP 5 Adjust Trim orientation after locking Trim height. Loosen 3x Mounting Ring Set Screws slightly & rotate Mounting Ring so Trim magnets are oriented in-line with nearest walls or housing lines as shown in **FIG 15.2 & 15.3**.

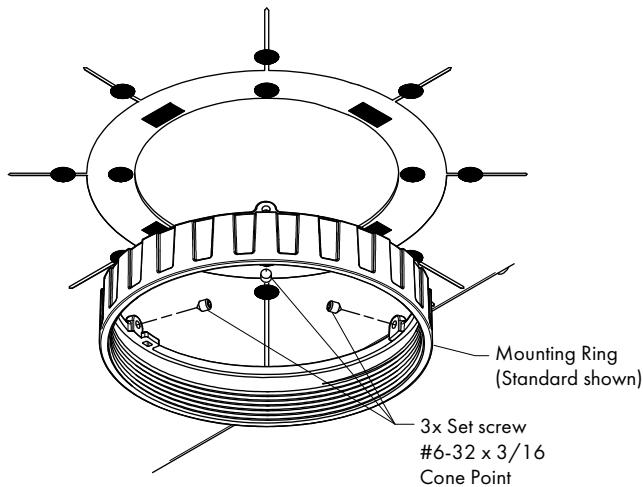**STEP 6** Re-tighten 2x Mounting Ring Set Screws - **DO NOT OVERTIGHTEN FIG 15.2.**

Mounting Ring
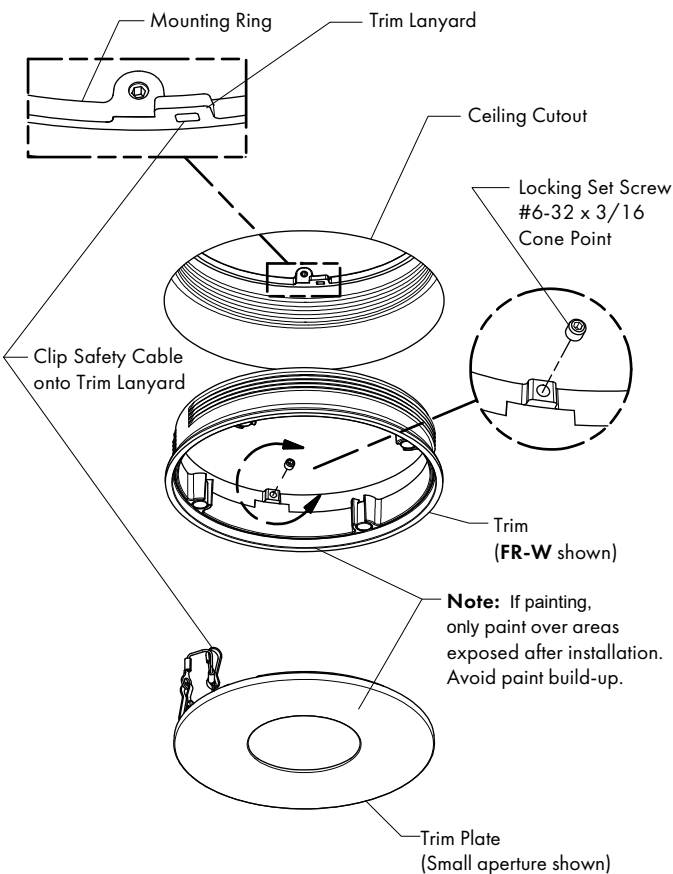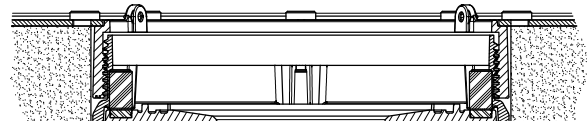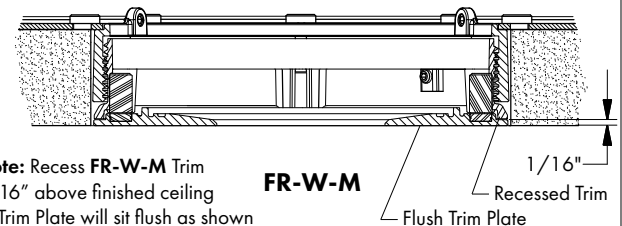(Standard shown)

3x Set screw
#6-32 x 3/16
Cone Point

FIG 14.1 Install Mounting Ring

Mounting Ring — Trim Lanyard

Ceiling Cutout

Locking Set Screw
#6-32 x 3/16
Cone Point

Clip Safety Cable
onto Trim Lanyard

Trim
(**FR-W** shown)

Note: If painting,
only paint over areas
exposed after installation.
Avoid paint build-up.

Trim Plate
(Small aperture shown)

FIG 14.2 Install Trim & Trim Plate

Non-Flanged

FR-W

Note: Recess **FR-W-M** Trim
1/16" above finished ceiling
so Trim Plate will sit flush as shown

FR-W-M

1/16"
Recessed Trim
Flush Trim Plate
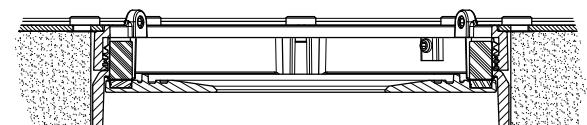
INR-W

Flanged
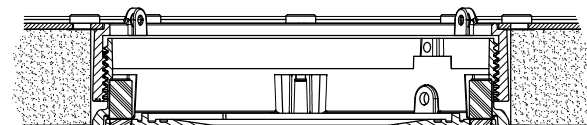
FLR-W

FLINR-W

FIG 14.3 Section Views

ROUND TRIM INSTALLATION - WOOD/STONE/ACOUSTIC TILE CEILINGS

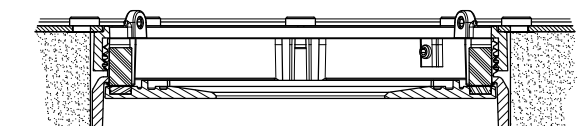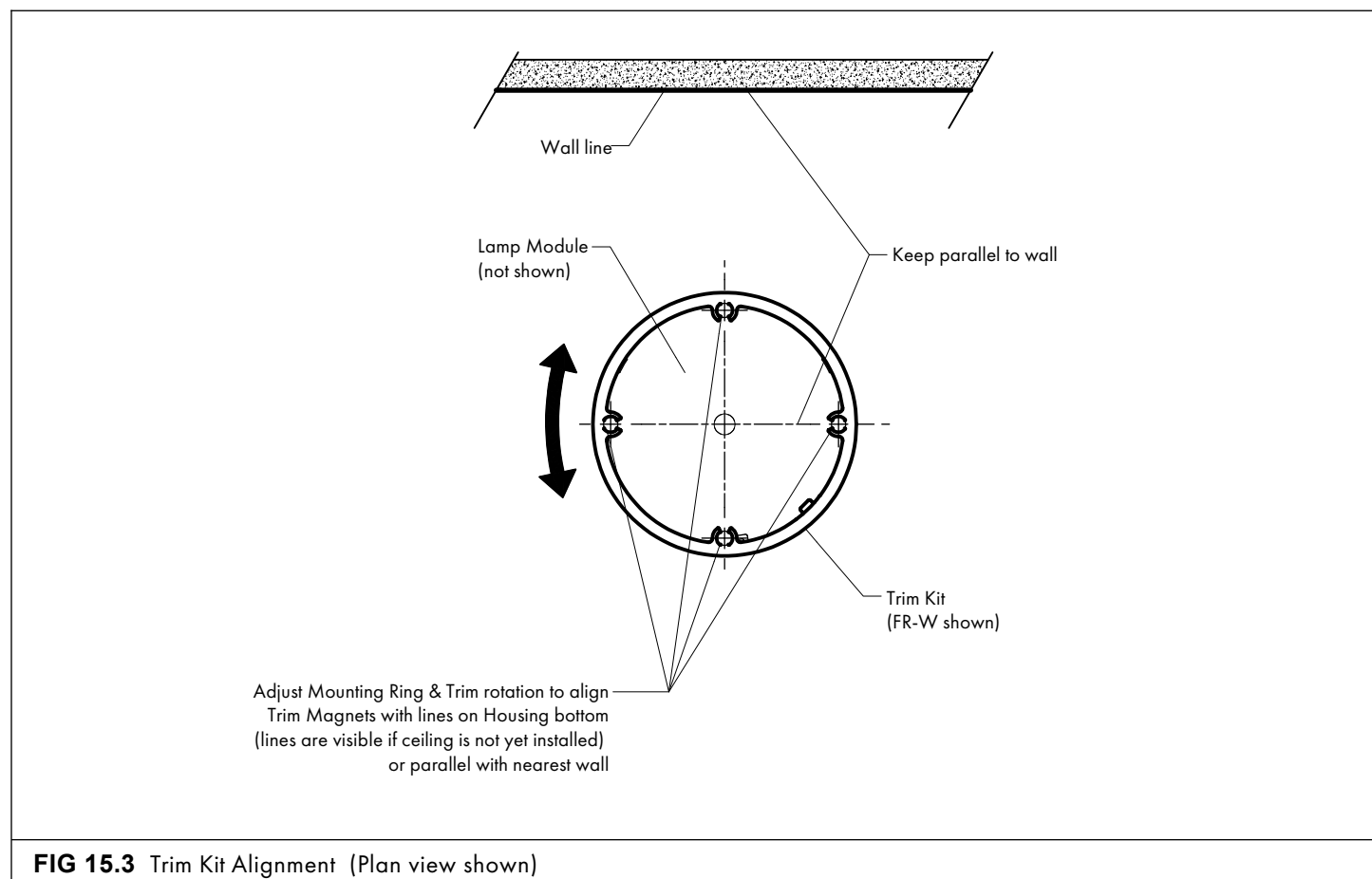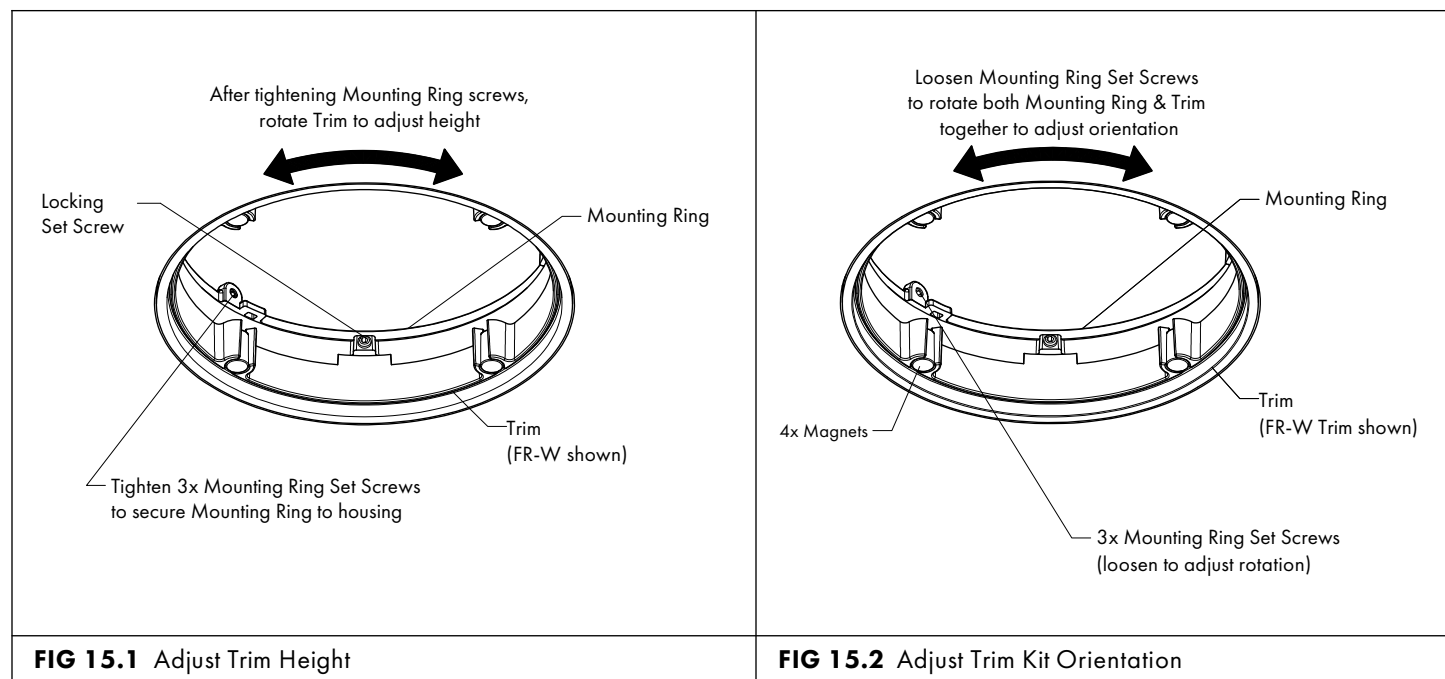**STEP 7** Adjust Trim to correct height (flush with ceiling) & secure height with Locking Set Screw - **FIG 15.1**.

STEP 8 Adjust Trim orientation so Magnets are in line with housing alignment lines (or nearest wall). After locking Trim height, loosen 3x Mounting Ring Set Screws slightly & rotate Mounting Ring so Trim magnets are oriented inline with nearest wall or housing lines as shown in **FIG 15.2** & **FIG 15.3**.

STEP 9 Re-tighten 3x Mounting Ring Set Screws - DO NOT OVERTIGHTEN - **FIG 15.1**.

After tightening Mounting Ring screws, rotate Trim to adjust height

Locking Set Screw

Mounting Ring

Trim (FR-W shown)

Tighten 3x Mounting Ring Set Screws to secure Mounting Ring to housing

FIG 15.1 Adjust Trim Height

Loosen Mounting Ring Set Screws to rotate both Mounting Ring & Trim together to adjust orientation

Mounting Ring

4x Magnets

Trim (FR-W Trim shown)

3x Mounting Ring Set Screws (loosen to adjust rotation)

FIG 15.2 Adjust Trim Kit Orientation

Wall line

Lamp Module (not shown)

Keep parallel to wall

Trim Kit (FR-W shown)

Adjust Mounting Ring & Trim rotation to align Trim Magnets with lines on Housing bottom (lines are visible if ceiling is not yet installed) or parallel with nearest wall

FIG 15.3 Trim Kit Alignment (Plan view shown)

N° eight
LIGHTING
®