

# HP-2 & HP-4 Circle Recessed Spackle Flange 2', 3', & 4' Installation Instructions Overview

## NOTES

- All power connections should be installed according to local/national codes by a Certified Electrician.
- This installation requires **proper support** as each luminaire is being installed.
- **DO NOT attempt to install with single operator.**



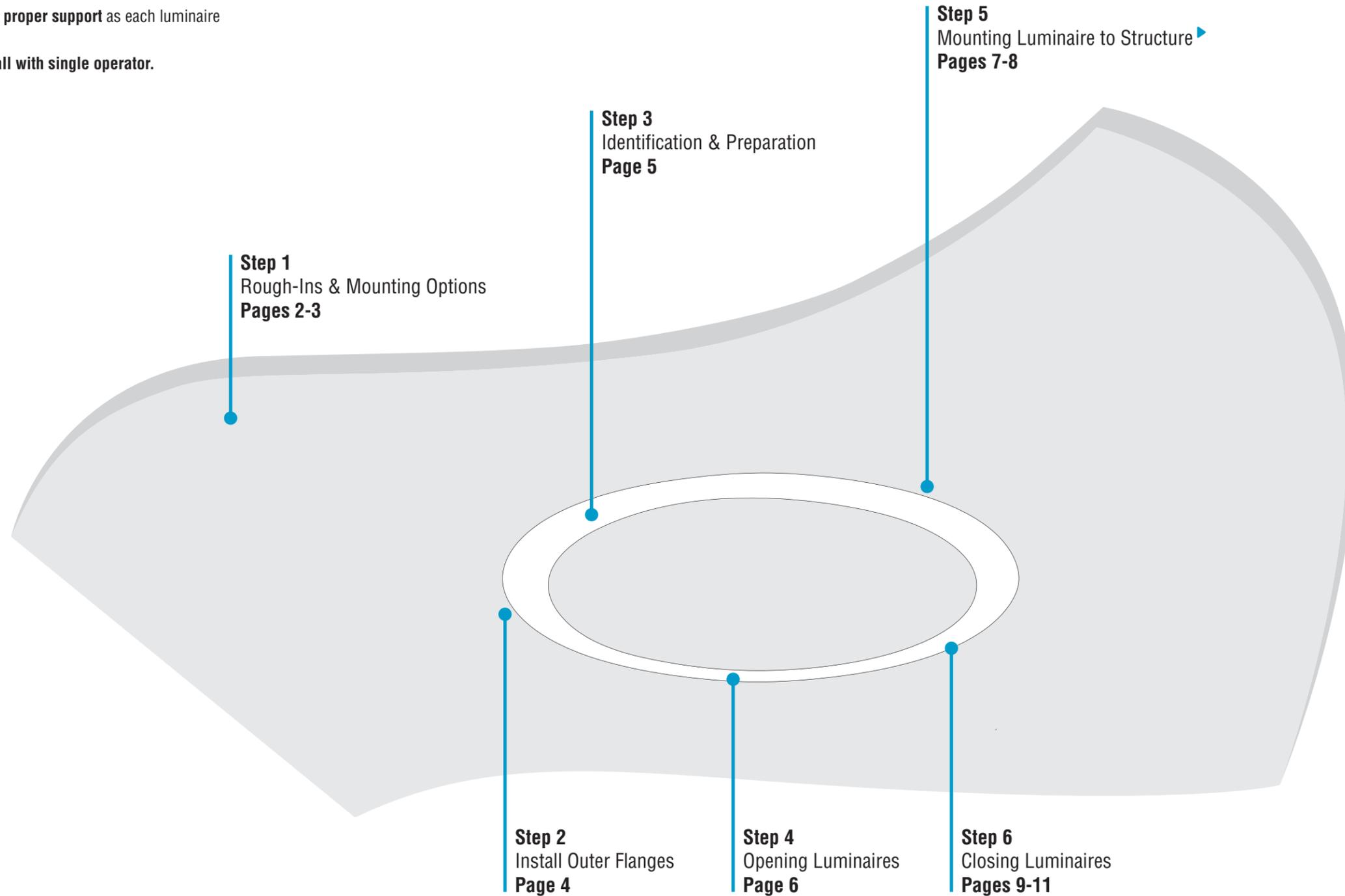
HELPFUL  
VIDEO



0-10V  
Dimming



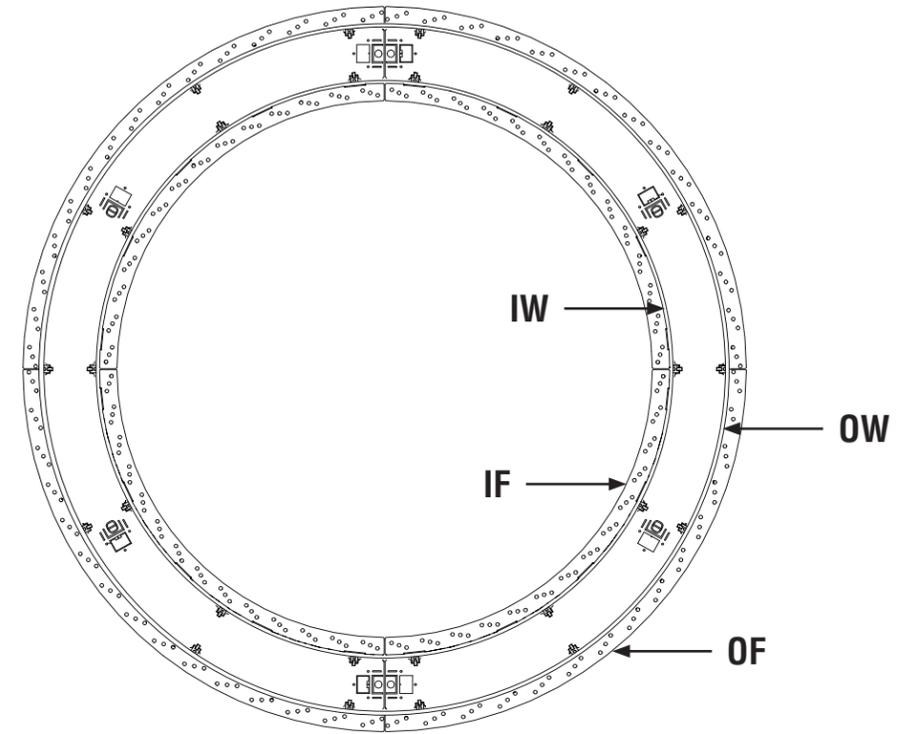
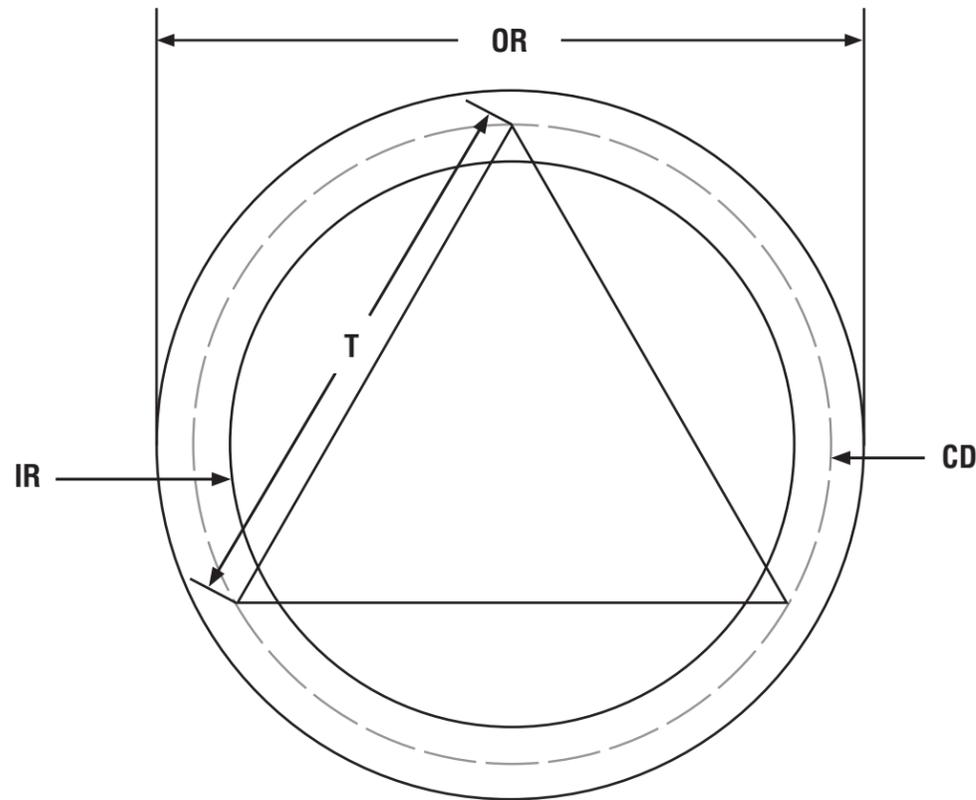
Circle  
Diffuser  
Installation



# HP-2 & HP-4 Circle Recessed Spackle Flange 2', 3', & 4' Installation Instructions

## Step 1 - Rough-Ins & Mounting Options

**A. Rough-Ins**



HP-4 Circle Only		Nominal Circle Diameter (ft)		
Location	Label	2	3	4
Equal Triangle Mount Location	T	17-5/16"	27-11/16"	38-1/8"
Reference Center Diameter	CD	20"	32"	44"
<b>Outer Rough-In Dimension</b>	<b>OR</b>	<b>25"</b>	<b>37"</b>	<b>49"</b>
<b>Inner Rough-In Dimension</b>	<b>IR</b>	<b>15"</b>	<b>27"</b>	<b>39"</b>

HP-2 Circle Only		Nominal Circle Diameter (ft)		
Location	Label	2	3	4
Equal Triangle Mount Location	T	17-5/16"	27-11/16"	38-2/16"
Reference Center Diameter	CD	20"	32"	44"
<b>Outer Rough-In Dimension</b>	<b>OR</b>	<b>23-4/16"</b>	<b>35-4/16"</b>	<b>47-4/16"</b>
<b>Inner Rough-In Dimension</b>	<b>IR</b>	<b>16-12/16"</b>	<b>28-12/16"</b>	<b>40-12/16"</b>

HP-4 Circle Only		Nominal Circle Diameter (ft)		
Location	Label	2	3	4
Outer Fixture Flange Max	OF	27-7/16"	39-7/16"	51-7/16"
Inner Fixture Flange Max	IF	12-9/16"	24-9/16"	36-9/16"
Outer Fixture Width	OW	24-1/8"	36-1/8"	48-1/8"
Inner Fixture Width	IW	15-7/8"	27-7/8"	39-7/8"

HP-2 Circle Only		Nominal Circle Diameter (ft)		
Location	Label	2	3	4
Outer Fixture Flange Max	OF	25-11/16"	37-11/16"	49-11/16"
Inner Fixture Flange Max	IF	14-5/16"	26-5/16"	38-5/16"
Outer Fixture Width	OW	22-6/16"	34-6/16"	46-6/16"
Inner Fixture Width	IW	17-10/16"	29-10/16"	41-10/16"

- Use rough-in dimensions and Record Drawings to determine rough-in measurements.
- Build ceiling with rough-in according to rough-in dimensions.
- **CRITICAL:** Drywall or weak paneling must be secured to blocking (studs) around rough-in opening in the ceiling.

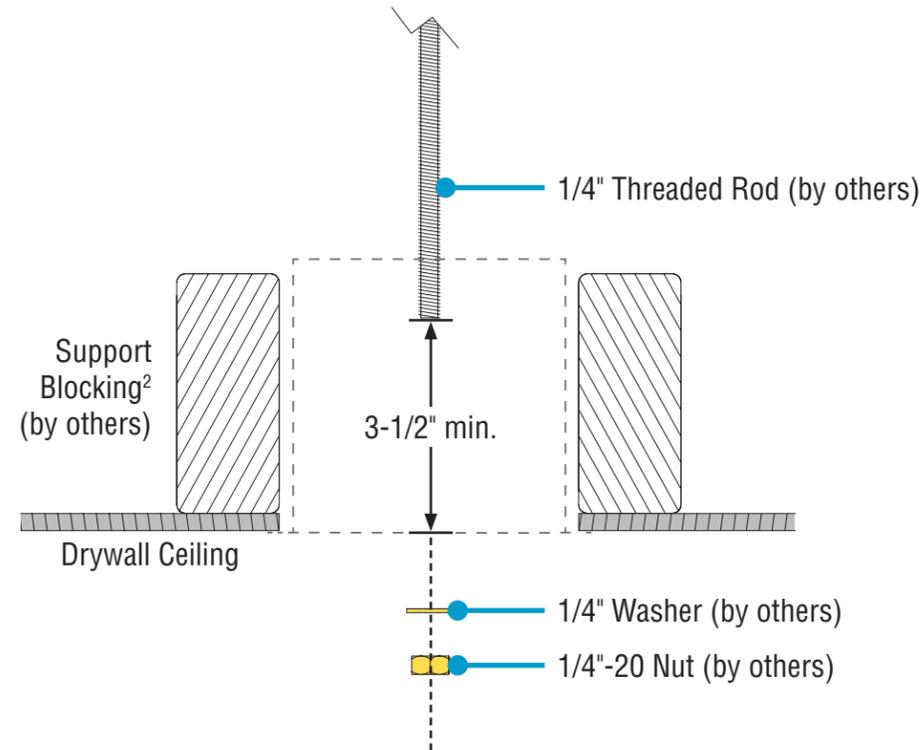
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# HP-2 & HP-4 Circle Recessed Spackle Flange 2', 3', & 4' Installation Instructions

## Step 1 - Rough-Ins & Mounting Options

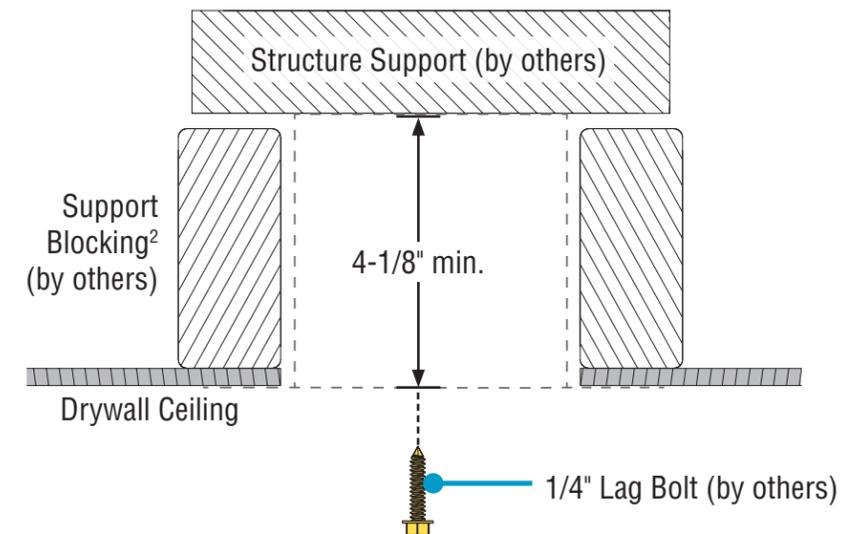
### B. Mounting Options

#### Option 1 - Mount to Threaded Rod



- Luminaire mounting holes sized for 1/4"-20 threaded rod.
- Distance from threaded rod to ceiling surface<sup>1</sup> must be a minimum of 3-1/2".
- Refer to Record Drawings to determine mounting hole locations on luminaire and install threaded rods to structure.

#### Option 2 - Mount to Structure



- Distance from support block to ceiling surface<sup>1</sup> must be a minimum of 4-1/8".
- Refer to Record Drawings to determine mounting hole locations on luminaire and install support blocking<sup>2</sup> to structure.



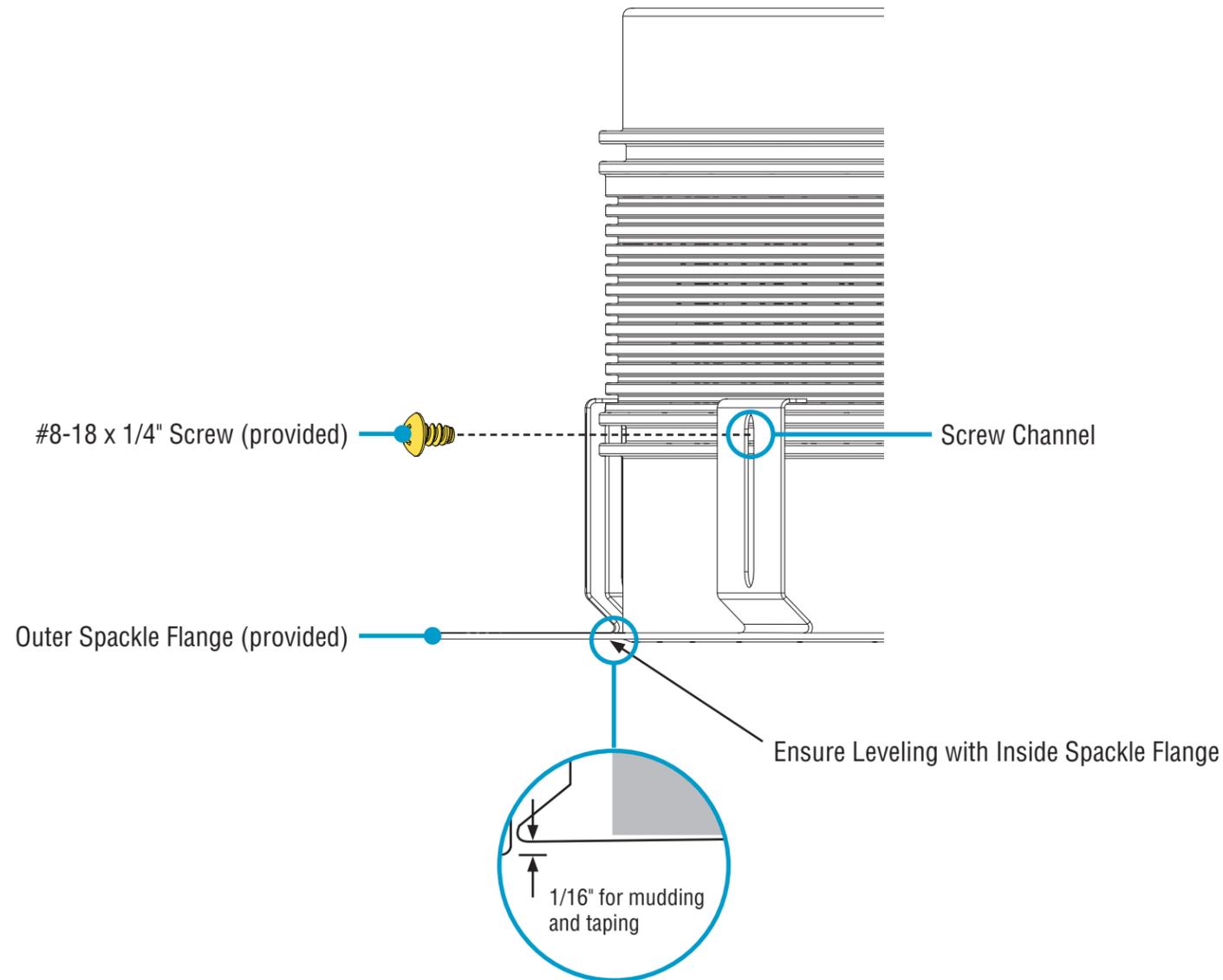
<sup>1</sup> Ceiling surface = drywall, wood, concrete or masonry, metal panels, tile, etc.

<sup>2</sup> Support blocking = wooden beams/studs, sheet metal framing beams, steel beams, concrete beams, etc. Use hardware appropriate to the beam material.

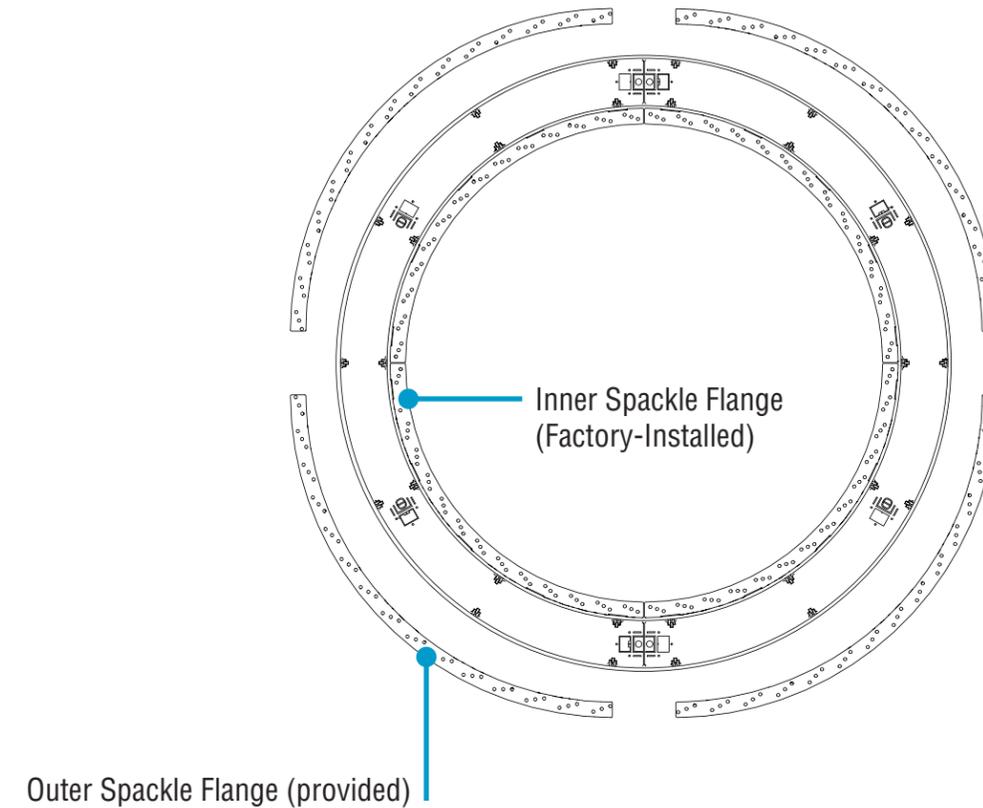
# HP-2 & HP-4 Circle Recessed Spackle Flange 2', 3', & 4' Installation Instructions

## Step 2 - Install Outer Flanges

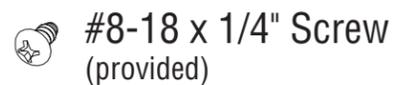
**Install Outer Flanges** Side View



Top-Down View



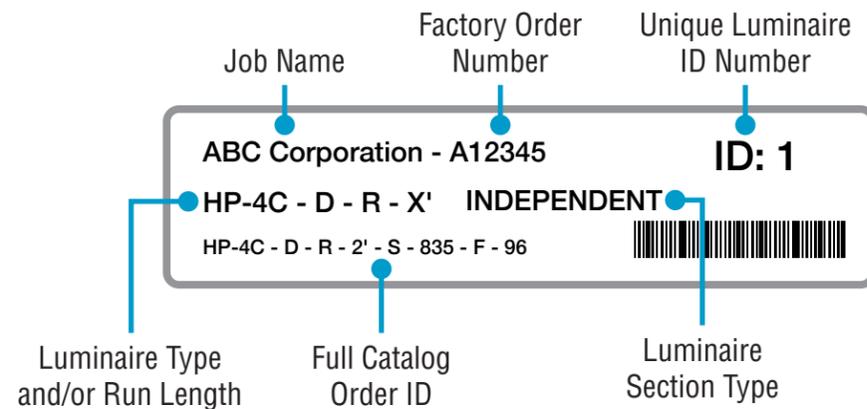
- Install #8 screw into screw channel on all outer spackle flange openings.
- **NOTE:** Make sure the outer spackle flange is leveled with the inner spackle flange (1/16" for mudding and taping).



# HP-2 & HP-4 Circle Recessed Spackle Flange 2', 3', & 4' Installation Instructions

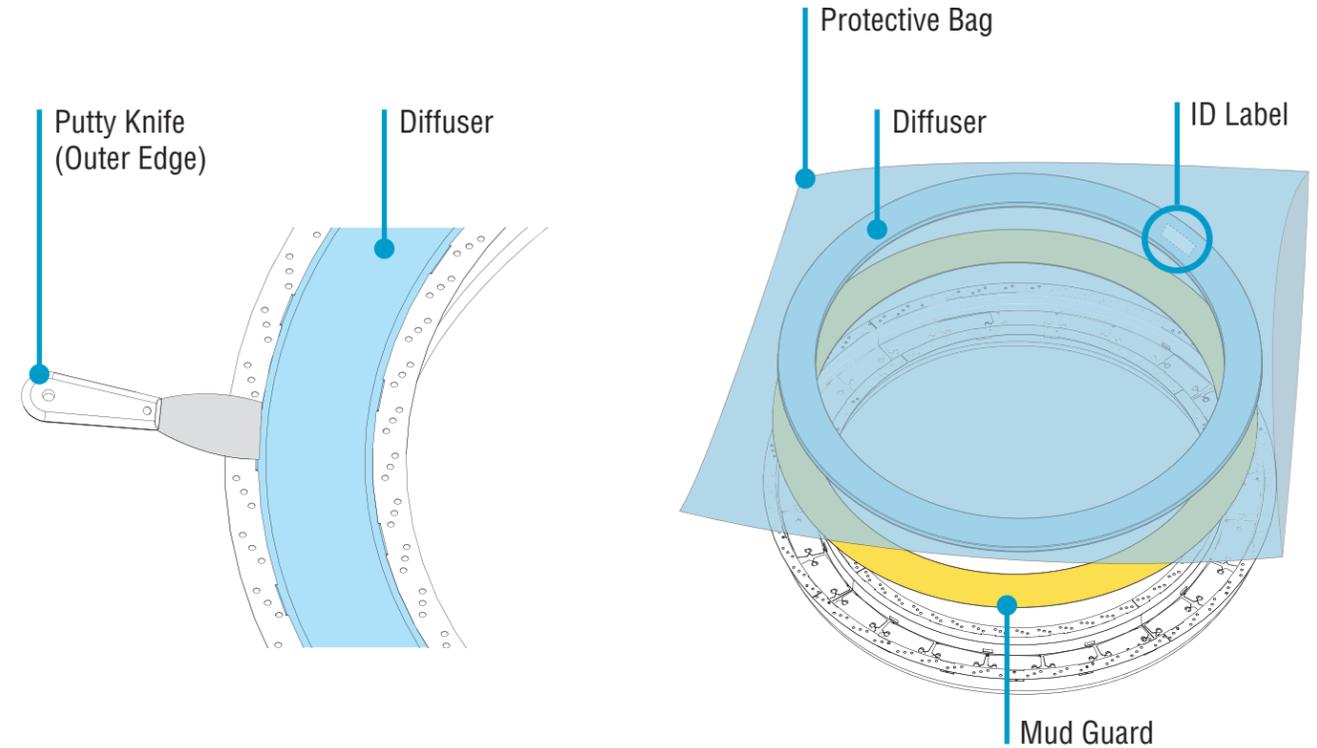
## Step 3 - Identification & Preparation

### A. Identify Luminaires



- Identify all luminaires by their ID label that can be found on the box, the diffuser, and inside the luminaire.
- NOTE:** Exact location of labels in these areas may vary.
- Remove all luminaires from their box.
- Refer to Record Drawings that can be found in the hardware kit.

### B. Remove Diffuser & Mud Guard Top-Down View



- NOTE:** Maximum width of putty knife is 2 inches.
- 1.** To release diffuser, carefully slide putty knife between outer edge of diffuser and luminaire.
- 2.** Then, directly across from you carefully slide putty knife between inner edge of diffuser and luminaire.
- 3.** Work your way around outer edge of diffuser to fully release it from luminaire.
- Keep diffuser inside protective bag.
- Carefully remove mud guard.
- Set aside diffuser and mudguard to prevent them from getting dirty or damaged.
- Ensure diffuser and mudguard can be clearly identified back to their corresponding luminaires.

### Kitted Hardware

- Finelite has provided items listed here, with their Finelite part numbers. These items can be found in separate boxes shipped with the luminaire.
- Account for all parts and set aside until they are needed.
- All other hardware needed for this installation will be by others.



**#8-18 x 1/4" Screw**  
Part# 69026  
Install Outer Flanges  
p. 4, Step 2  
Mounting Luminaire to Structure  
p. 7, Step 5



**Outer Spackle Flange**  
2' Diameter - Part# 47060  
3' Diameter - Part# 47062  
4' Diameter - Part# 47064  
Install Outer Flanges  
p. 4, Step 2



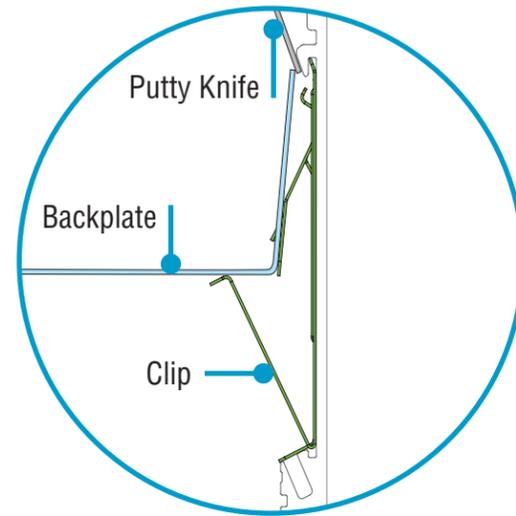
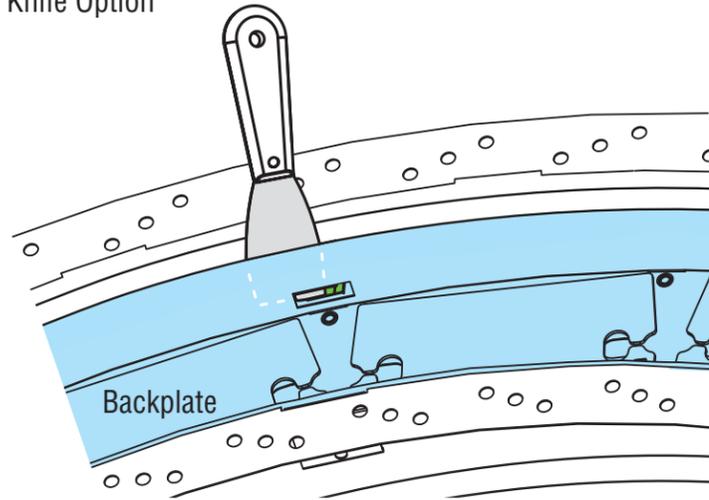
Circle  
Diffuser  
Installation

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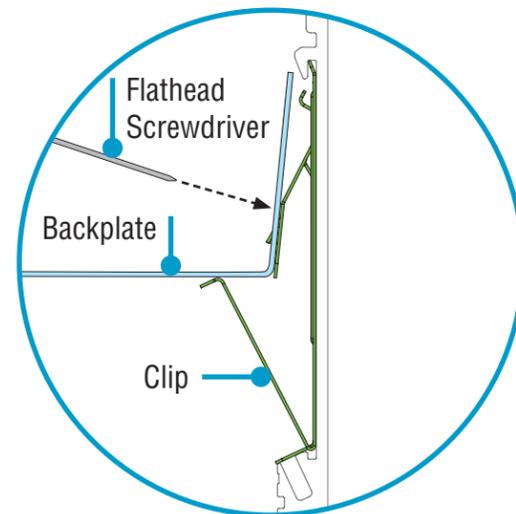
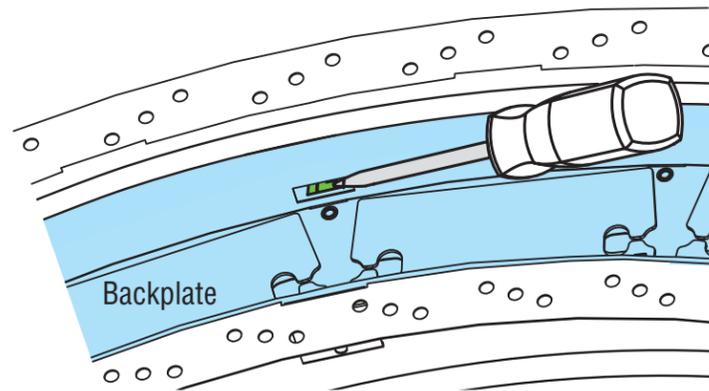
## Step 4 - Opening Luminaires

### Release Backplates **Top-Down View**

Putty Knife Option

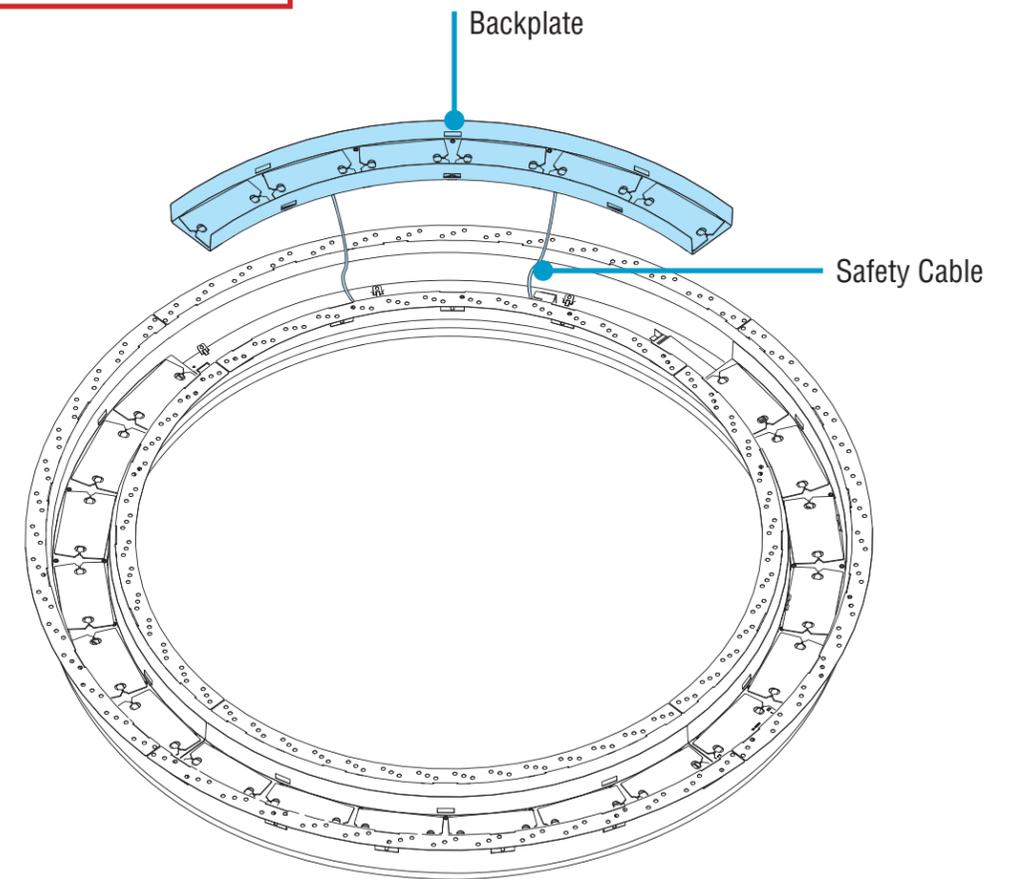


Flathead Screwdriver Option



- Open all backplates for access to mounting points.
- Release the backplates from clips by sliding the blade of a putty knife behind backplate edges.
- To use a flathead screwdriver: From inside backplate, press end of screwdriver against the clip until the backplate is released.

### Top-Down View

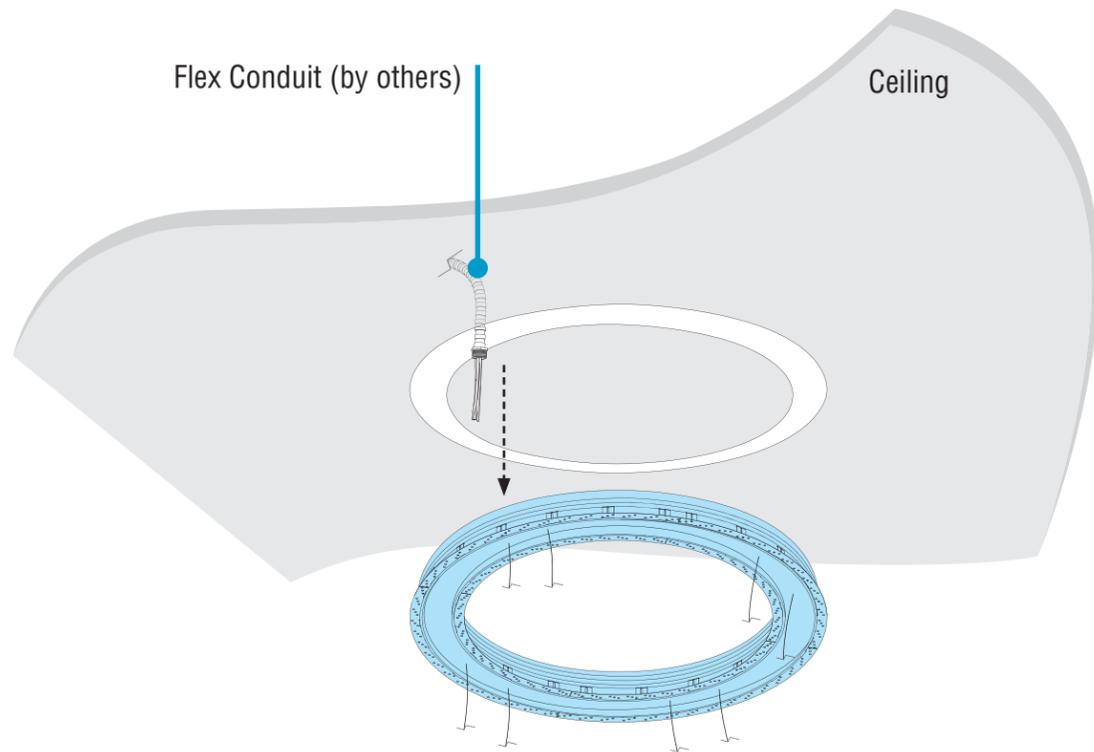


- **CAUTION:** Be careful when removing backplates. They may be connected by wiring harnesses.
- Carefully remove backplates.
- Keep backplates hanging with safety cables connected.

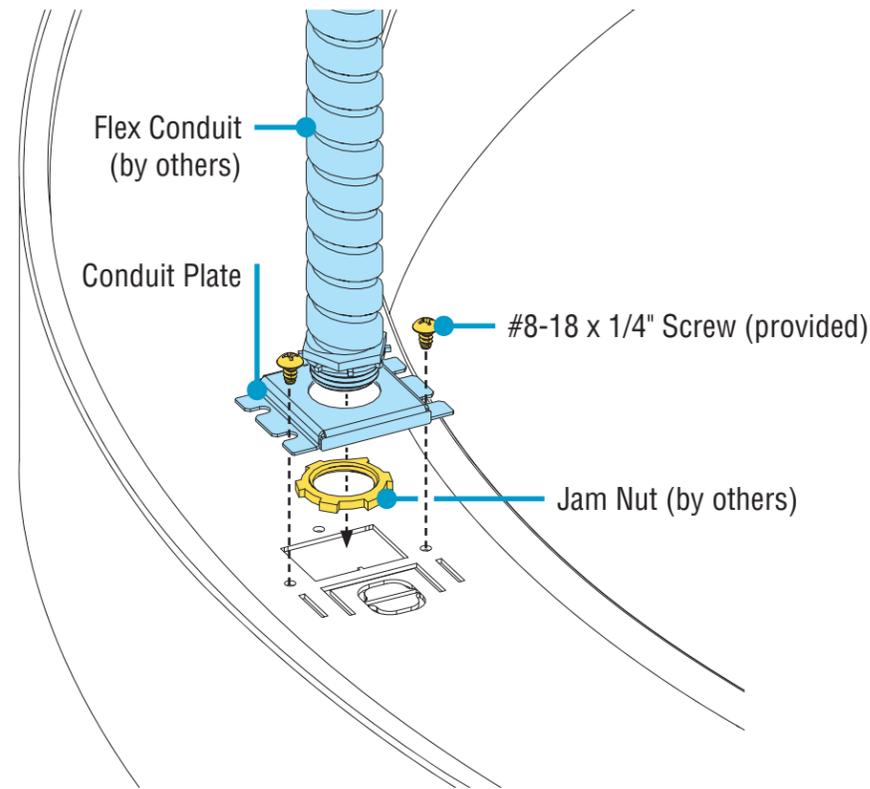
# HP-2 & HP-4 Circle Recessed Spackle Flange 2', 3', & 4' Installation Instructions

## Step 5 - Mounting Luminaire to Structure

**A. Make Electrical Connections** Bottom-Up View



Top-Down View

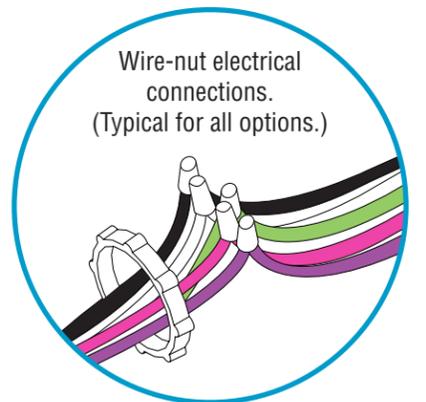


- While properly supporting luminaire, maneuver luminaire near ceiling opening.
- **NOTE:** Backplates are connected to safety cables.

- Remove two #8-18 x 1/4" screws to release conduit plate.
- Install flex conduit and jam nut onto conduit plate.
- Wire-nut electrical connections. See wiring legend.
- Reinstall conduit plate and two #8-18 x 1/4" screws.

**WIRING LEGEND**

Black	Hot	Line Voltage
White	Neutral	Line Voltage
Green	Ground	
Pink	Dimming	0-10V DC
Purple	Dimming	0-10V DC



 Flex Conduit  
(by others)

 #8-18 x 1/4" Screws  
(provided)

 Jam Nut  
(by others)

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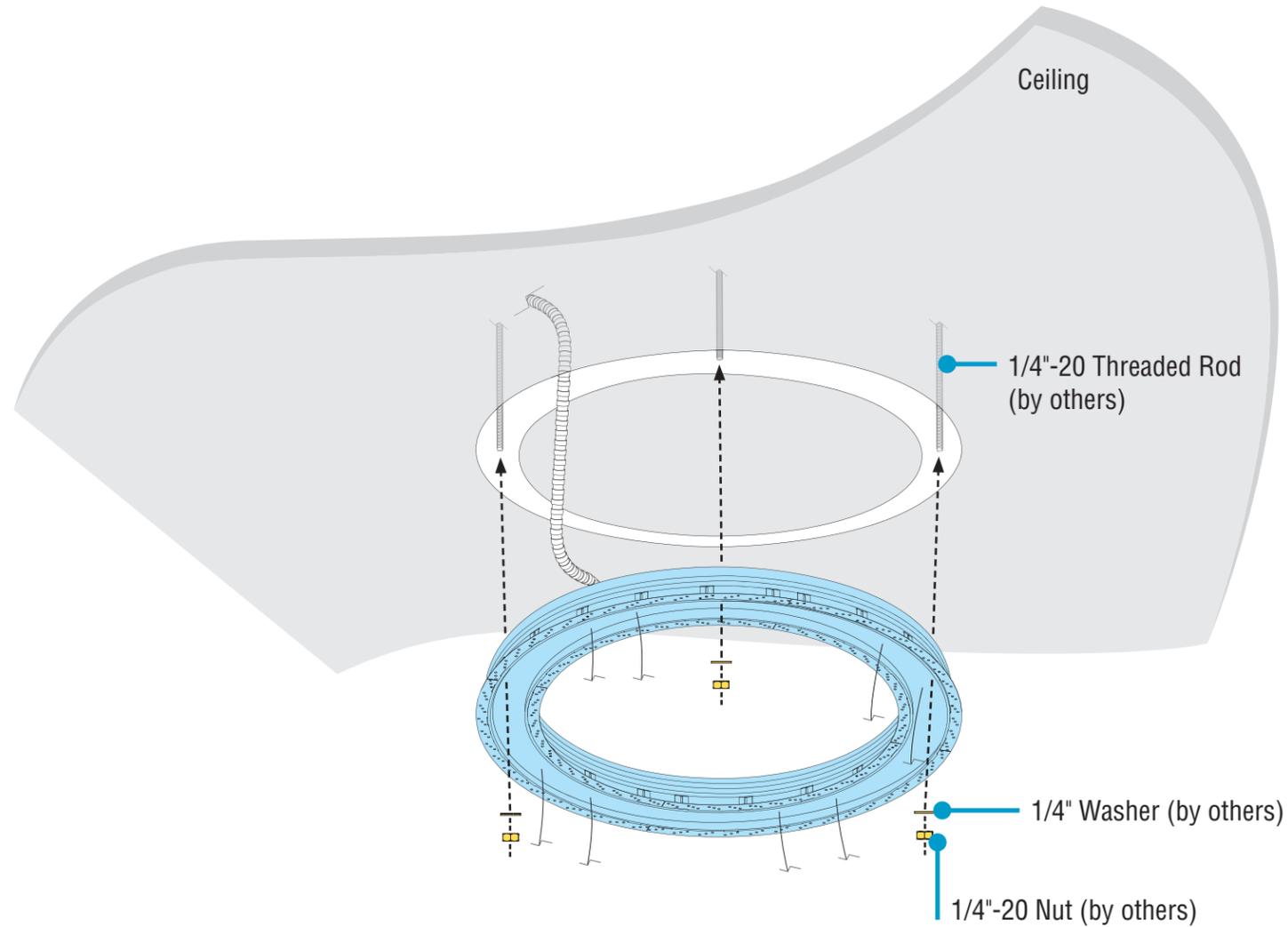


0-10V  
Dimming

# HP-2 & HP-4 Circle Recessed Spackle Flange 2', 3', & 4' Installation Instructions

## Step 5 - Mounting Luminaire to Structure

**B. Mount Luminaire to Structure** Bottom-Up View



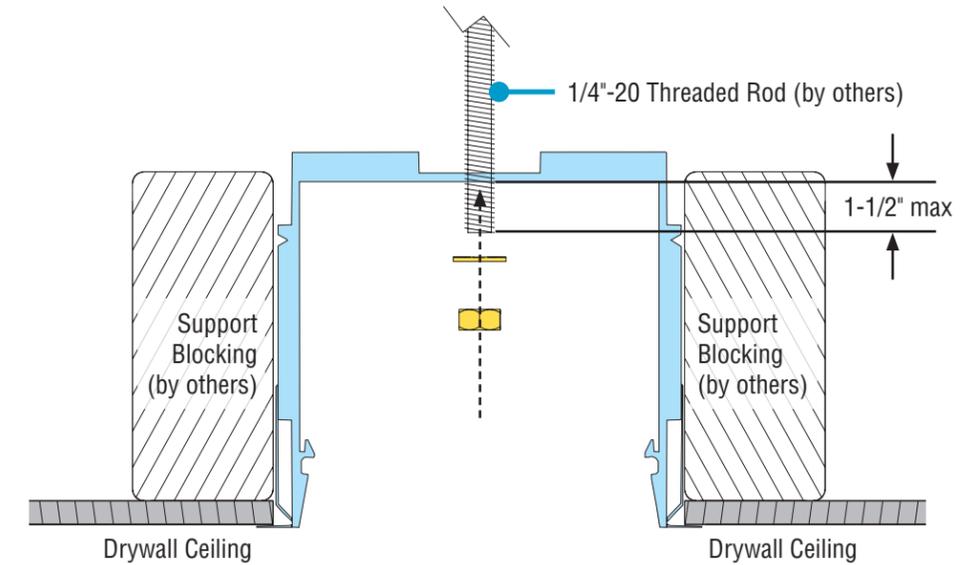
**Option 1 (Shown) - Mount to Threaded Rod**

- Align threaded rods with mounting holes and slide luminaire into ceiling.
- Install 1/4"-20 nut and 1/4" washer onto 1/4"-20 threaded rod.
- **NOTE:** Backplates are connected to safety cables.

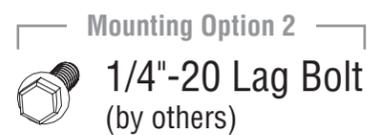
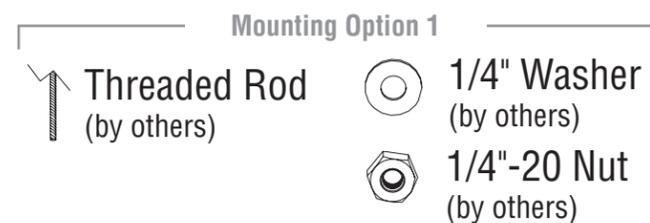
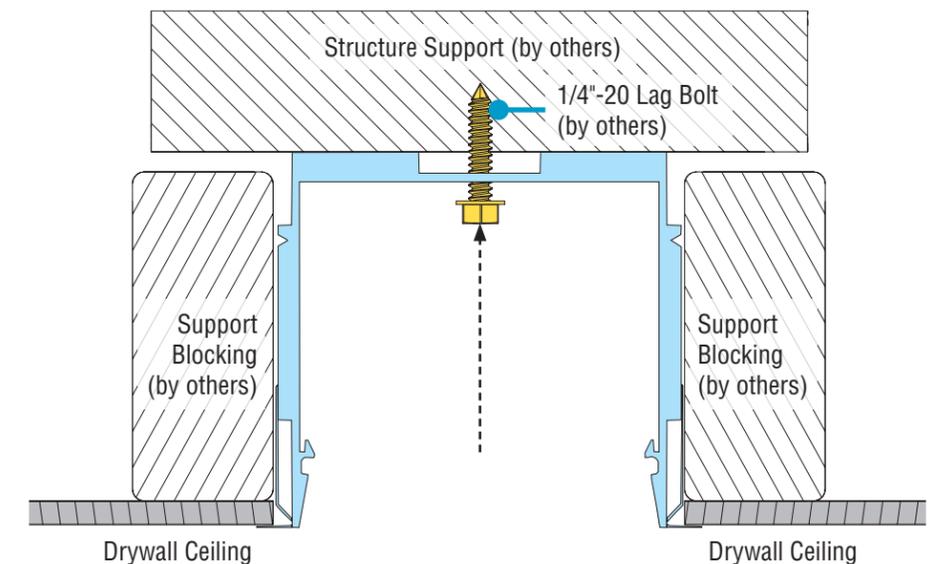
**Option 2 - Mount to Structure**

- Slide luminaire into ceiling and mount to structural support with hardware appropriate for the structure type.
- **NOTE:** Backplates are connected to safety cables.

**Option 1 (Shown) - Mount to Threaded Rod**



**Option 2 - Mount to Structure**



# HP-2 & HP-4 Circle Recessed Spackle Flange 2', 3', & 4' Installation Instructions

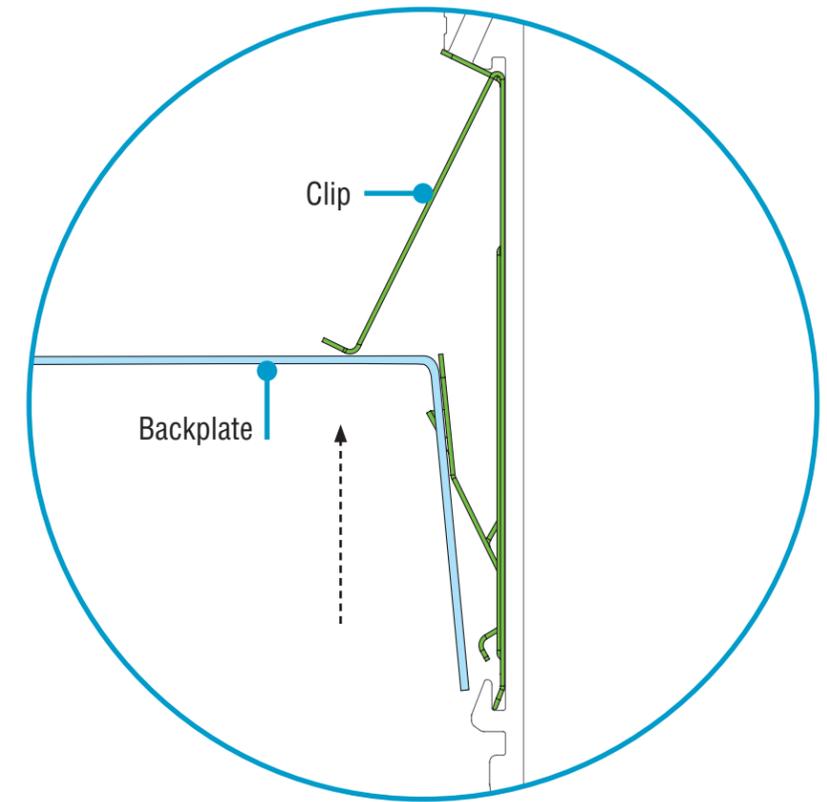
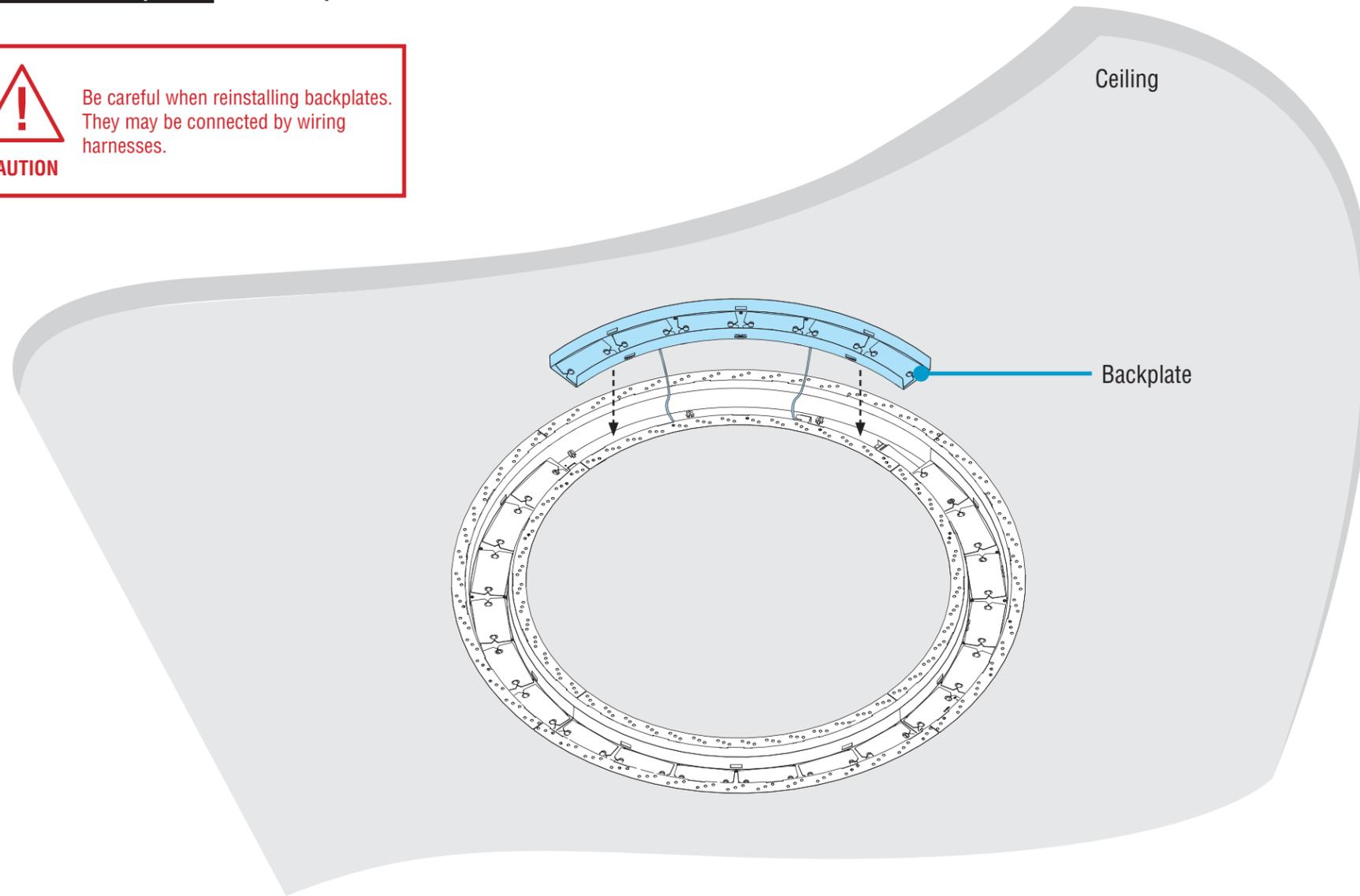
## Step 6 - Closing Luminaires

### A. Reinstall Backplates Bottom-Up View



**CAUTION**

Be careful when reinstalling backplates. They may be connected by wiring harnesses.



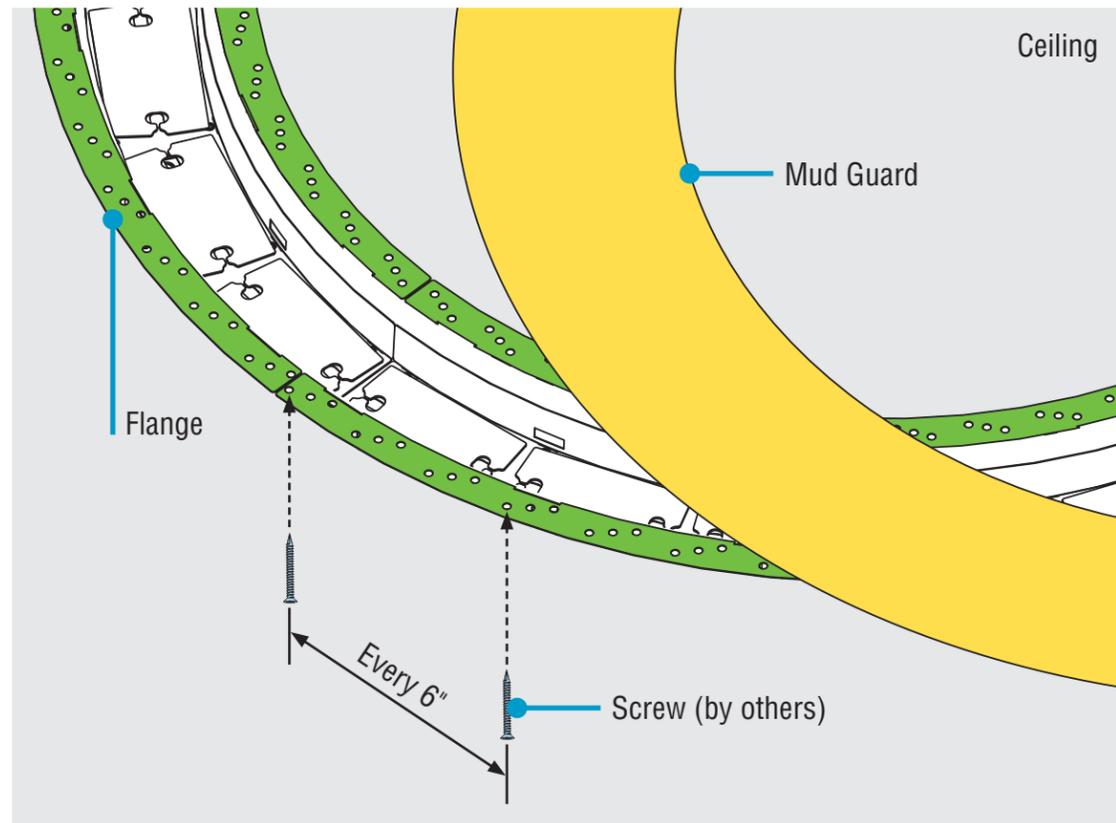
- **CAUTION:** Be careful when reinstalling backplates. They may be connected by wiring harnesses.
- After mounting to structure, reinstall backplates by snapping into clips and pushing them back into their original position.

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# HP-2 & HP-4 Circle Recessed Spackle Flange 2', 3', & 4' Installation Instructions

## Step 6 - Closing Luminaires

### B. Secure Flange To Structure Bottom-Up View



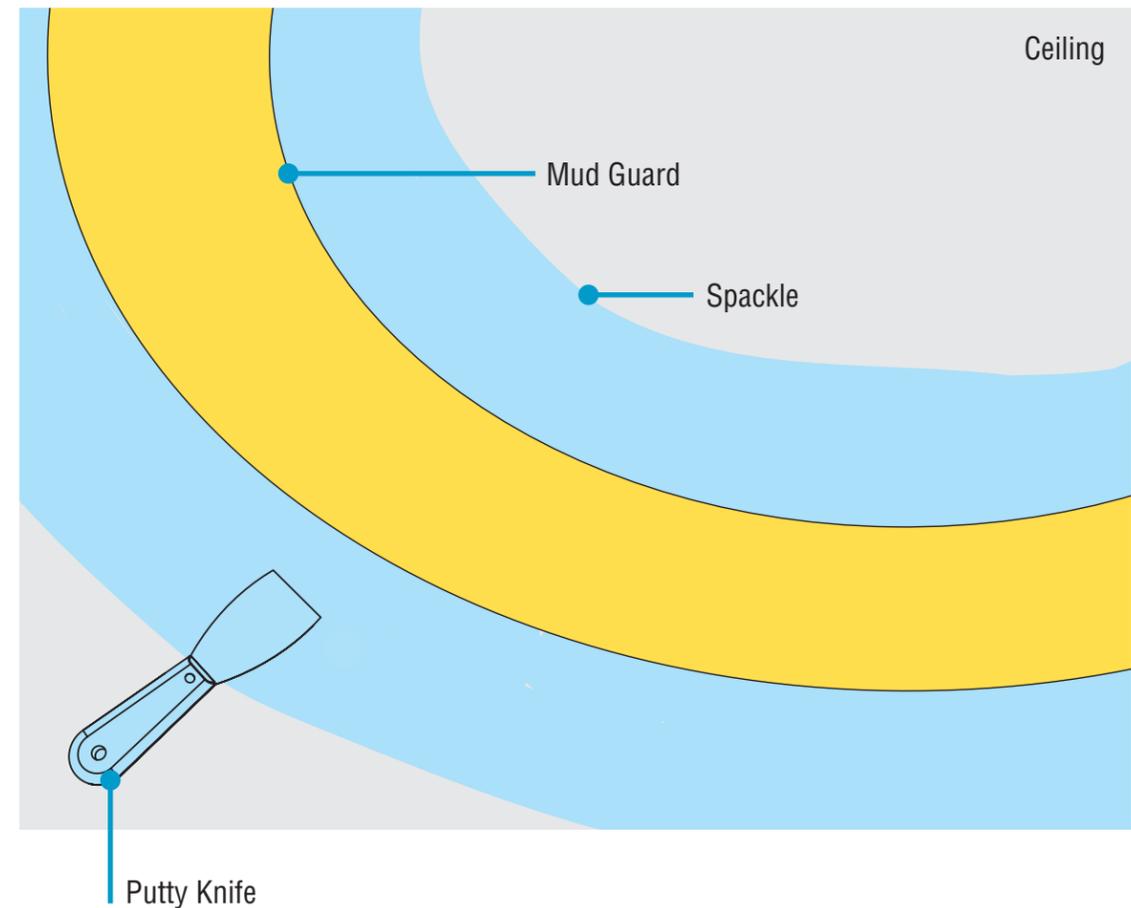
- Secure flanges to ceiling using appropriate screws or fasteners<sup>1</sup> for hard surface, per local building codes.
- Install mud guard to help prevent spackle and paint from getting into luminaire.



Screws/Fasteners  
(by others)

<sup>1</sup> Screws or fasteners = drywall - drywall screws, wood - wood screws, etc.

### C. Apply Spackle Bottom-Up View



- Spackle and paint over flanges up to luminaire edge.
- **CAUTION:** Careful not to drop spackle into luminaire. Immediately wipe off excess spackle that may have gotten onto luminaire edges.
- Perform all spackling and painting to ceiling prior to removing mud guard.
- Remove mud guard.

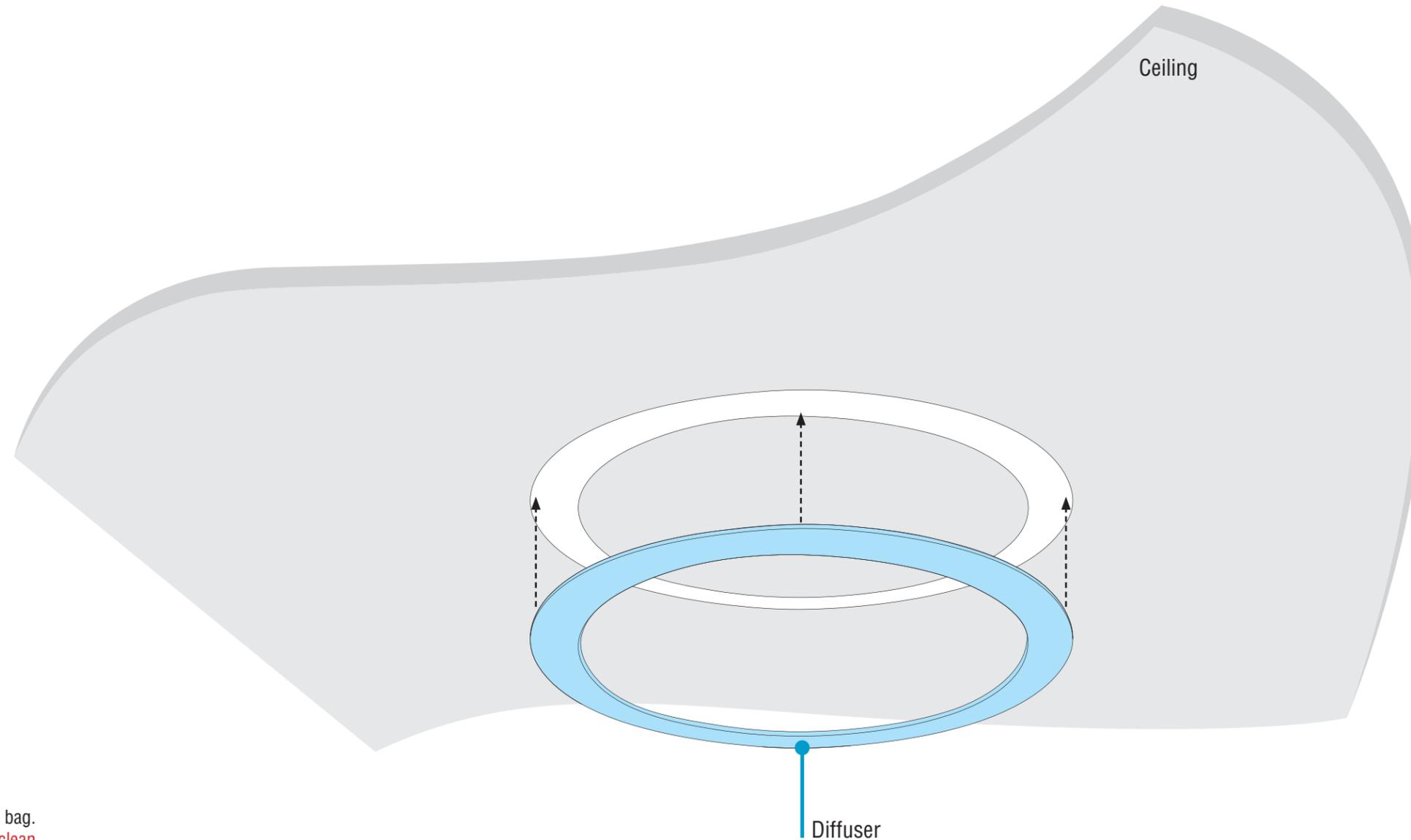
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# HP-2 & HP-4 Circle Recessed Spackle Flange 2', 3', & 4' Installation Instructions

## Step 6 - Closing Luminaires

**FINELITE**<sup>®</sup>  
*Better Lighting*

### D. Final Step - Replace Diffuser



- Carefully remove diffuser from protective plastic bag.
- **CAUTION:** Wear gloves to keep diffuser surface clean.
- **CRITICAL:** Be sure to install correct diffuser to its corresponding luminaire ID.
- Install diffuser by snapping into place.
- **NOTE:** Push area of diffuser closest to you first until it snaps in place. Then work your way around the luminaire.
- Turn power on to luminaire.



Circle  
Diffuser  
Installation