

Shallow Adjustable Novation 3" IC LED Downlight

Installation Instructions



4 1/8" x 4 1/8" CUT OUT



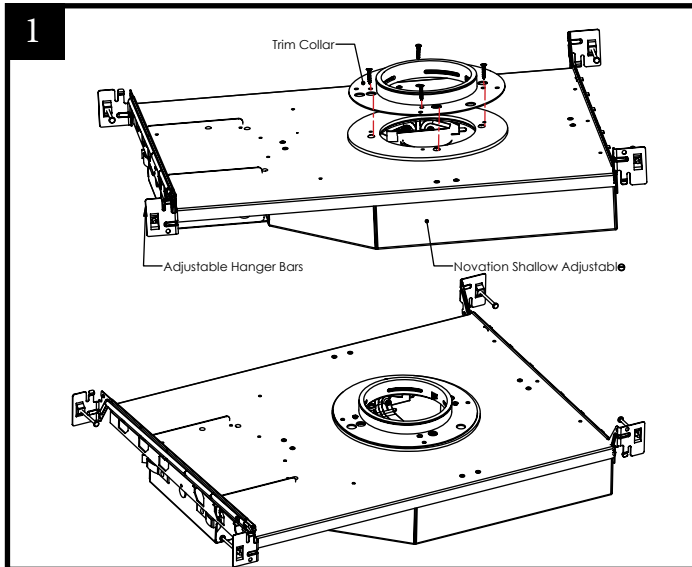
4-1/8" DIA. CUT OUT

■ WARNING:

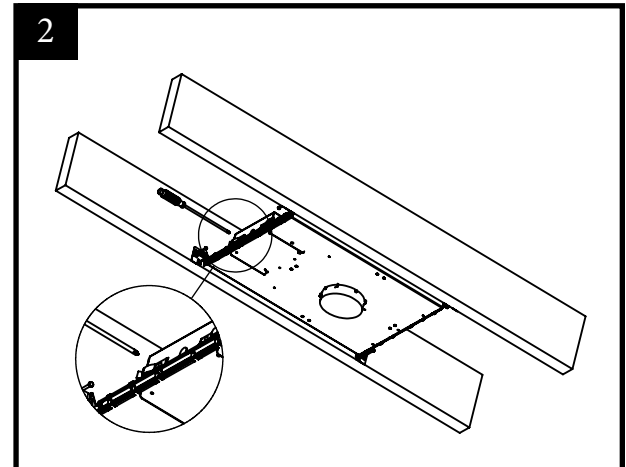
1. Before wiring to power supply, turn off electricity at the fuse or circuit break box.
2. Insulation may be placed in direct contact with ANY part of the fixture.
3. Always have installation performed by a licensed electrician.

Note: PreciseLED recessed fixtures are designed to meet the latest NEC requirements and are listed in full compliance with UL 1598. Before attempting installation of any recessed lighting fixture, check your local electrical building code. This code sets the wiring standards and installation requirements for your locality and should be understood before starting work. If fixture is to be switch from wall switch or dimmer, make sure black supply wire properly connected to switch or dimmer (follow switch/dimmer instructions).

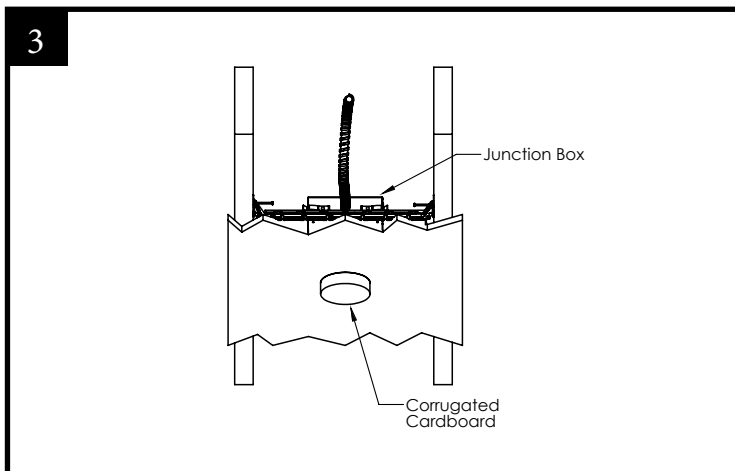
■ FIXTURE INSTALLATION WITH COLLAR FOR SERIES A TRIMS



1. Align the Trim Collar to the center of the Novation Shallow so that its holes align with the appropriate screw holes. Use the provided screws to attach the collar onto the downlight.

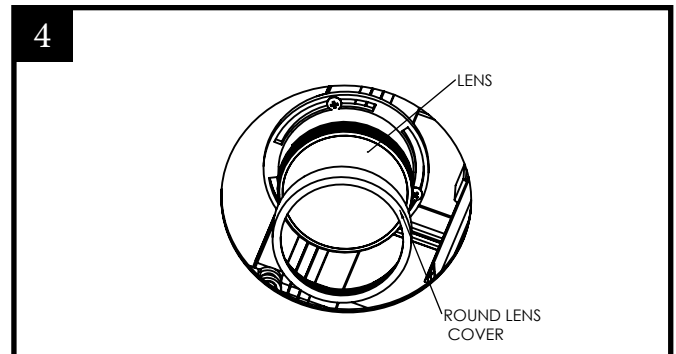


2. Install the housing to the ceiling joists or the drop ceiling T-bars with the adjustable bar hangers. Align the bottom of the end plate with the bottom of the ceiling support structure. Secure the fixture in desired position with locking-screw. (**Note:** bar hanger may be shortened to fit 12" framing or smaller by breaking at score lines.)



2a. Install the conduit into 1/2" trade size knock-out in the housing electrical box and connect all power line wires to the driver leads in accordance with NEC and local codes (see page 2 for detail wiring diagram).

2b. Install drywall with provided cardboard cutout. Make sure to cut outside of the cardboard for better fitment. Do not remove the cardboard until the drywall cut out is in the correct position and concentric with respect to the fixture opening. **Note:** For drop ceiling installation make cut-out hole the exact size (cut inside marked outline from cutout).



4. The default beam spread lens is 60°, and three additional lenses are available in 45° 38°, 24°, 15°. Twist the lens cover to swap the lens. Use round lens cover for both round and square trim. (If using an accessory, place the accessory between the beam spread lens and the cover. See accessory options on page 6)

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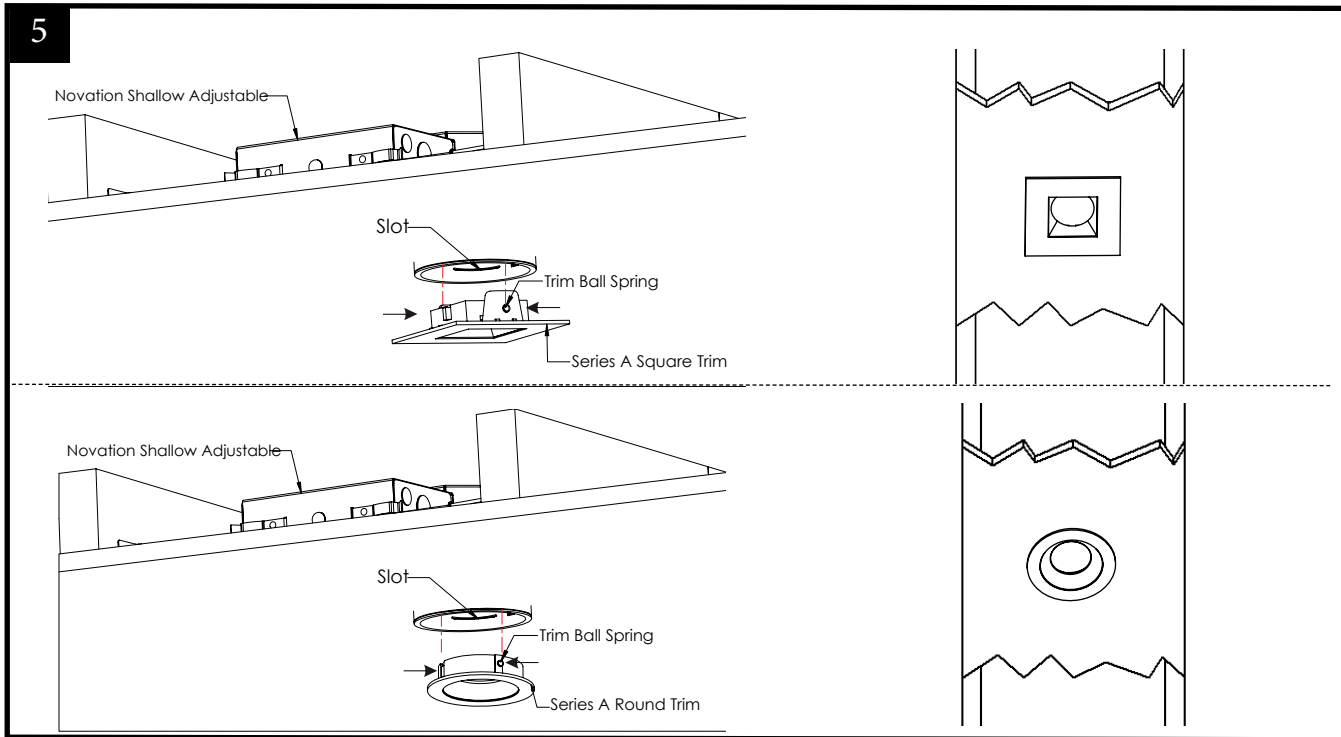


4 1/8" x 4 1/8" CUT OUT



4-1/8" DIA. CUT OUT

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5. Sand and paint the ceiling, and then insert the round or square Series A trim into the center of the Novation Shallow. Press the ball springs into the slots on the inner part of the collar and push in the trim so that it is secure.

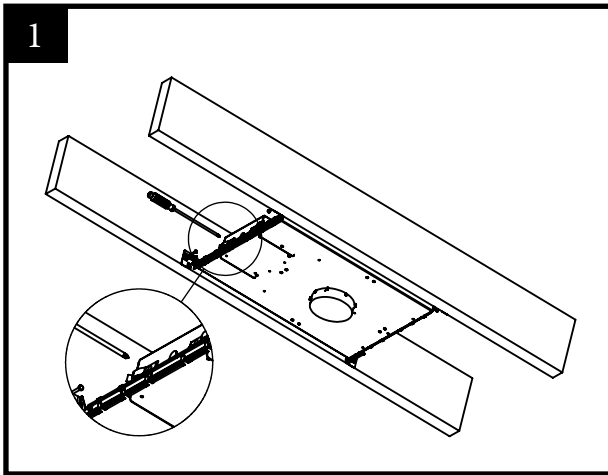
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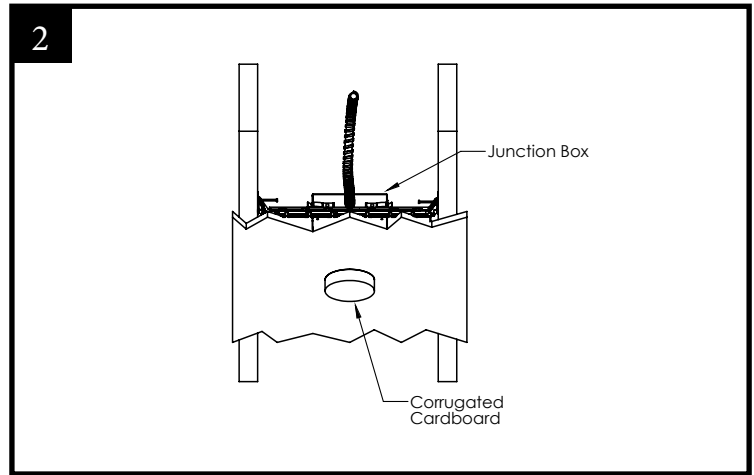
+ 4 1/8" x 4 1/8" CUT OUT

+ 4-1/8" DIA. CUT OUT

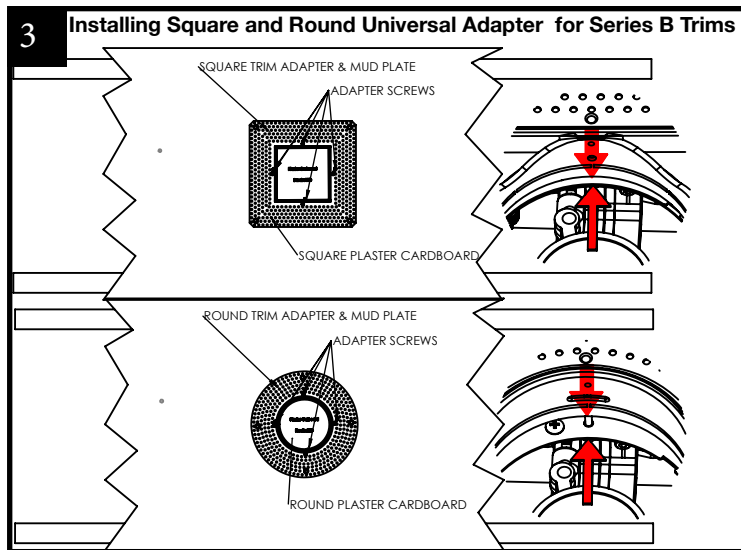
FIXTURE INSTALLATION WITH UNIVERSAL ADAPTER FOR SERIES B TRIMS



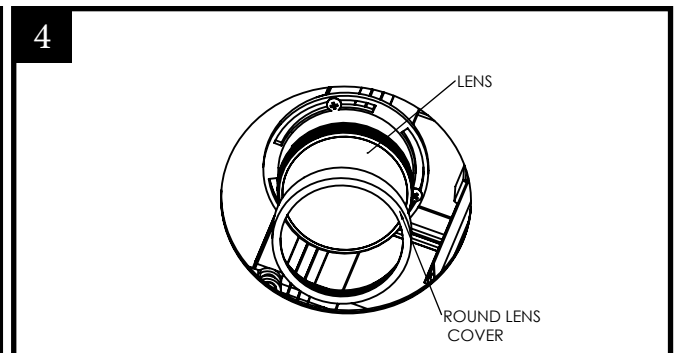
1. Install the housing to the ceiling joists or the drop ceiling T-bars with the adjustable bar hangers. Align the bottom of the end plate with the bottom of the ceiling support structure. Secure the fixture in desired position with locking-screw. (**Note:** bar hanger may be shortened to fit 12" framing or smaller by breaking at score lines.)



2a. Install the conduit into 1/2" trade size knock-out in the housing electrical box and connect all power line wires to the driver leads in accordance with NEC and local codes (see page 2 for detail wiring diagram).
2b. Install drywall with provided cardboard cutout. Make sure to cut outside of the cardboard for better fitment. Do not remove the cardboard until the drywall cut out is in the correct position and concentric with respect to the fixture opening. **Note:** For drop ceiling installation make cut-out hole the exact size (cut inside marked outline from cutout).



3b. Align the mud plate adapter arrow with arrow marked on the fixture. Drill (4) holes through drywall, and mount the adapter into fixture using provided M3 x 0.5 countersink screws. Mount adapter into drywall using provided 3/4" screws (**ONLY** for $\geq 5/8$ " sheetrock). Insert the provided plaster cardboard to prevent mudding inside aperture. Properly plaster onto the mud plate and drywall.



4. The default beam spread lens is 60°, and three additional lenses are available in 45° 38°, 24°, 15°. Twist the lens cover to swap the lens. Use round lens cover for both round and square trim.

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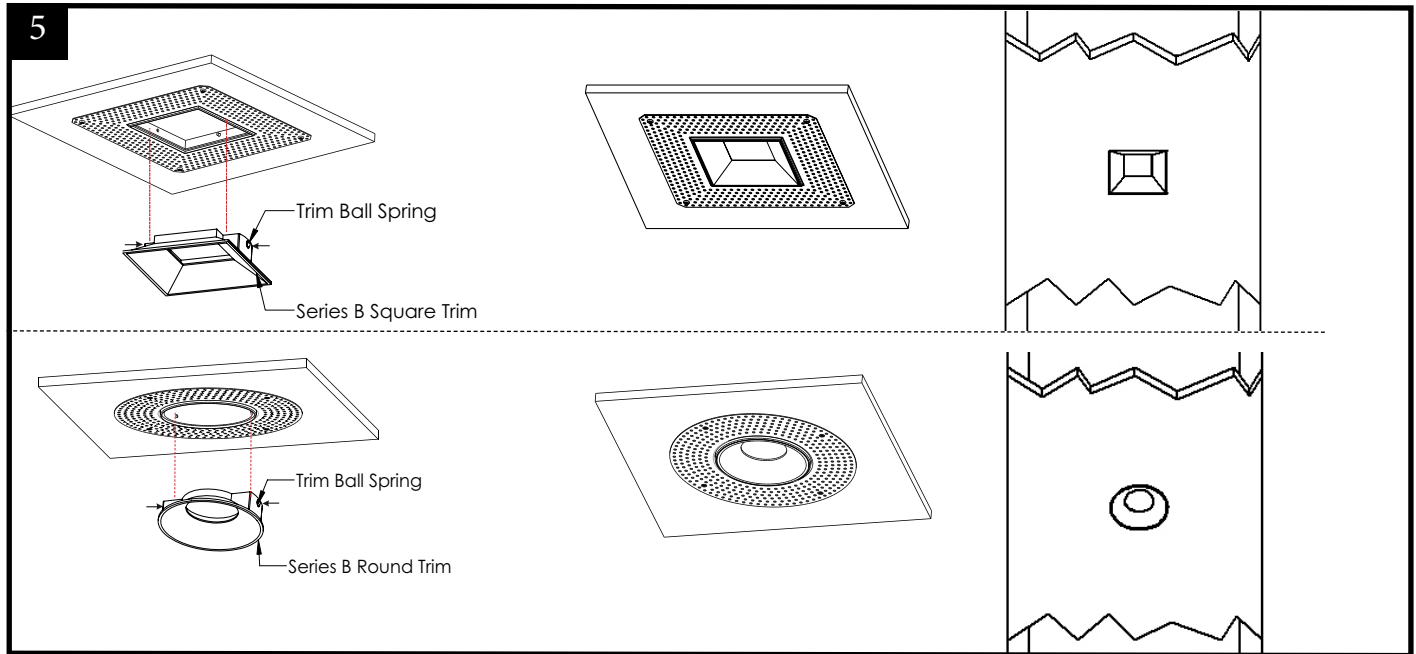
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4 1/8" x 4 1/8" CUT OUT



4-1/8" DIA. CUT OUT



5. Remove the plaster cardboard. Sand and paint the ceiling. Insert the round or square Series B trim into the center of the Novation Shallow. Press the ball springs into the holes on the inner part of the adapter and push in the trim so that it is secure.

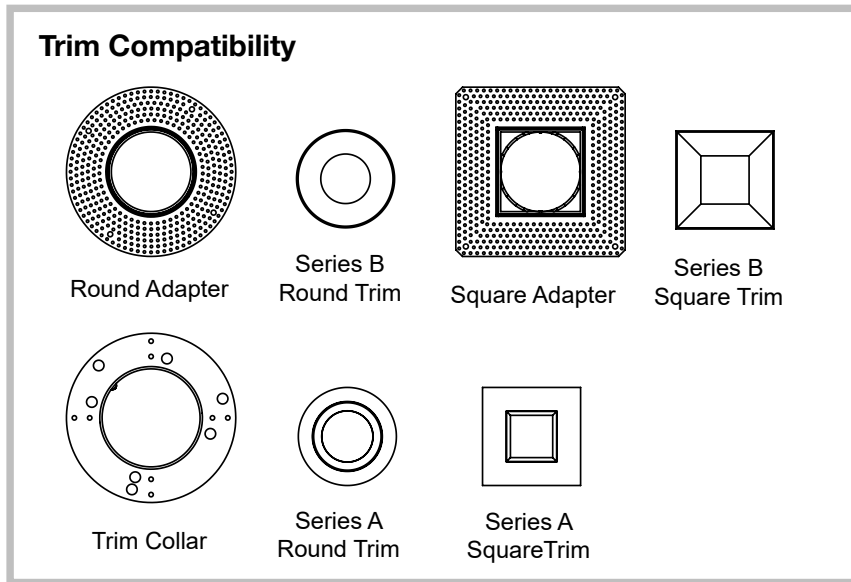
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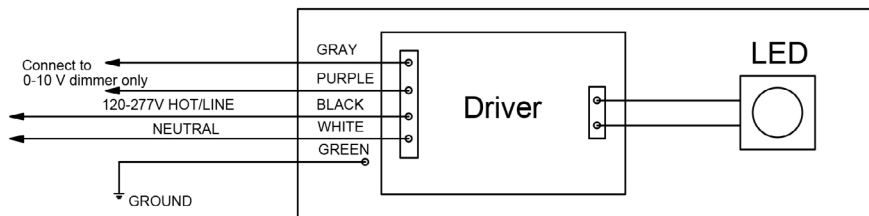
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■ TRIM COMPATIBILITY CHART



■ WIRING INSTRUCTIONS

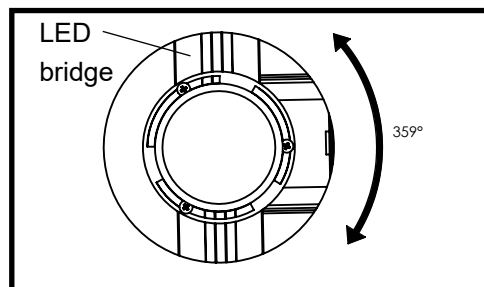


Compatible with 0-10 V/ forward & reverse phase dimming

Note: Cap off purple and gray wires individually if 0-10V dimming is not desired.

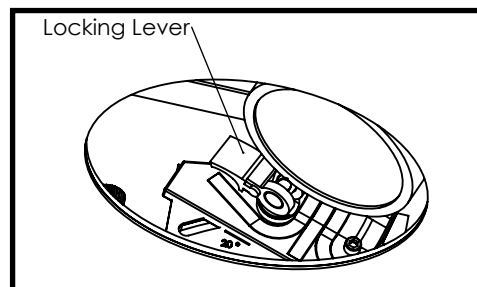
■ ADJUSTING FIXTURE

HORIZONTAL ROTATION



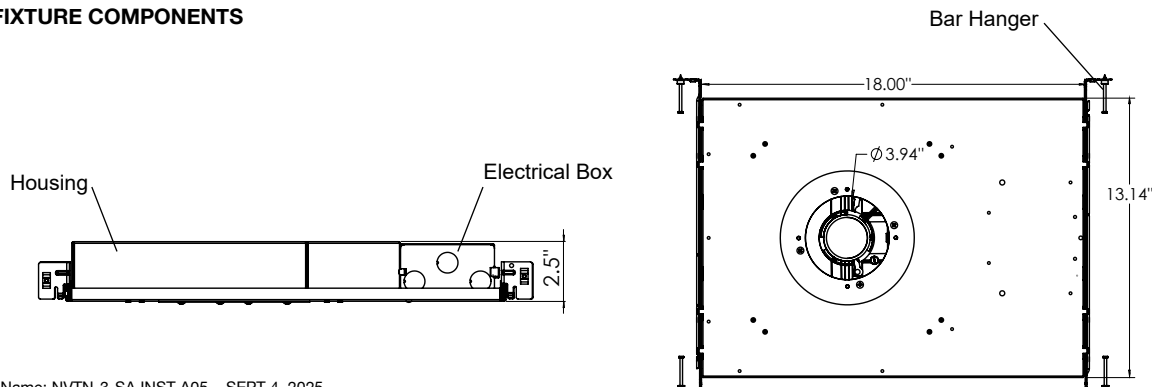
Prior to horizontal rotation, set the LED aiming angle to 0°, then horizontally rotate to desired position.

ADJUSTABLE HOT AIMING



The LED can be adjusted from 0° to 30°. Unlock the lever and manually adjust the LED bridge to desired angle. Clamp down the lever to lock it in position.

■ FIXTURE COMPONENTS




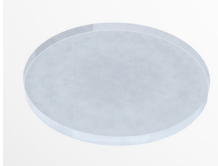
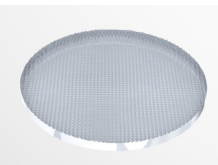


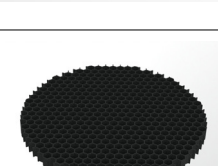
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■ FIXTURE ACCESSORIES

Part #-Product	Image	Purpose
CL- Clear Lens		Provides maximum light transmission with minimal diffusion. Chosen when high lumen output and sharp beam definition are desired.
SO- Softening Lens		Gently diffuses light to reduce harshness and soften shadows. Ideal for general illumination where a smoother, more comfortable distribution is preferred.
PR- Prismatic Lens		Distributes light evenly and reduces glare while maintaining efficiency. Commonly used in commercial or office applications for balanced illumination.
SA- Sanded Lens		Creates a frosted appearance that diffuses light more strongly than a softening lens. Selected when visual comfort and reduced brightness are priorities.
LI- Linear Lens		Diffuses light in a single axis to elongate the beam pattern. Useful for highlighting architectural lines.
MB/MA- Microlouver (Black or Aluminum)		Controls glare and improves visual comfort by restricting light at wider angles. Black finish minimizes brightness; aluminum provides higher reflectance. Typically used in applications where glare control or directional emphasis is critical.

Note: A Solite lens is automatically provided with each fixture. The above accessories are not available for 1/2" sheetrock. 5/8" sheetrock can accept 1 accessory, taller ceilings can accept 2.