

AERA REFLEX CYLINDER

Type Non-IC (NIC), Type-IC (IC)



INSTALLATION INSTRUCTIONS



This product must be installed in accordance with the National Electrical Code and all applicable local codes, by a person familiar with the construction and operation of the product, and the hazards involved. Proper grounding is required for safety.

Ce produit doit être installé suivant le code national de l'électricité, ainsi que tous les codes locaux applicables, par une personne familière avec la construction et le fonctionnement du produit, ainsi que tous les risques qui y sont associés. La mise à terre électrique est obligatoire pour la sécurité.



Disconnect power before installation or servicing.



Do not cover the light element lens or heatsink with any materials or adhesive tapes when the fixture is powered.



Handle the LED cartridge carefully during removal and installation. Tools must not touch the LED chips. Contact may result in damage and LED failure.



Wire dimming conductors as Class 1.



A luminaire with more than one power supply connection means shall be connected to only one branch circuit.



For luminaires specified as recessed, clearance between the sides of the luminaire and parts of the building must be 1/2" minimum; clearance to insulating materials to be 3" minimum, unless luminaire is IC rated.



For luminaires installed in wet locations, properly seal all mounting and electrical points.



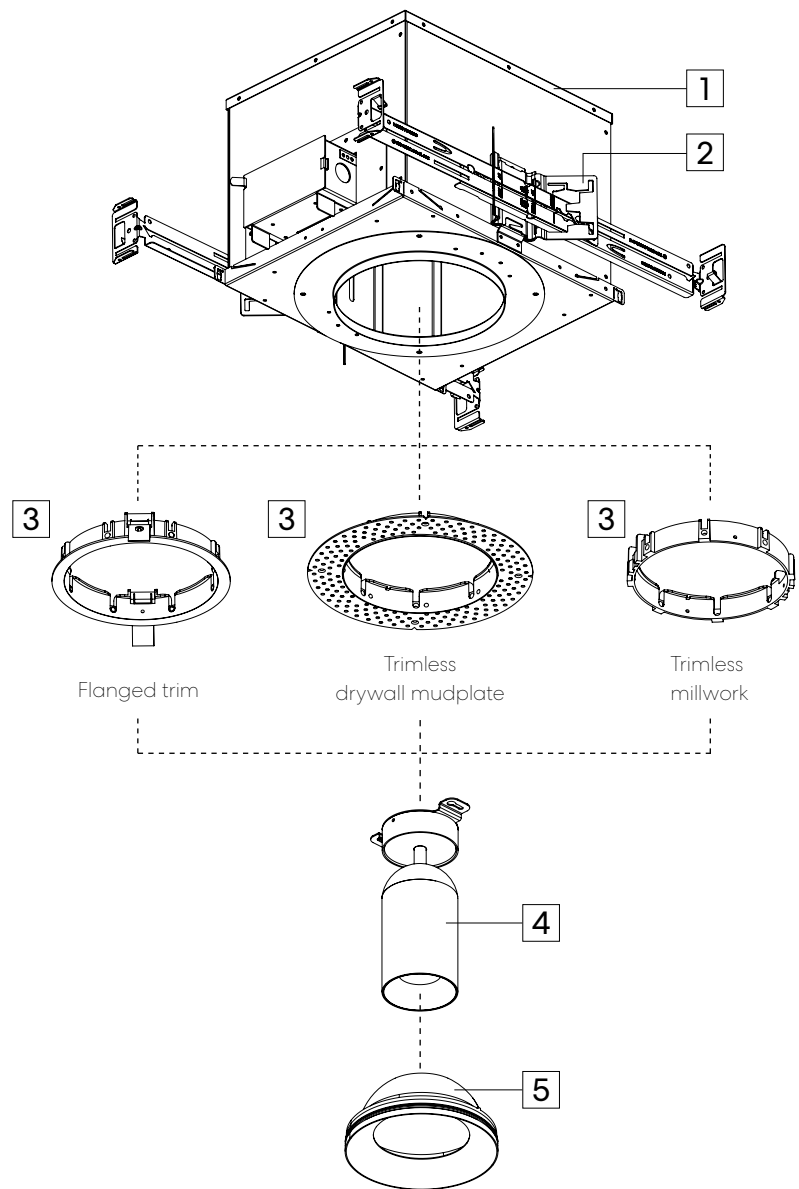
Warranty claims will not be accepted if incorrect driver or light element is used.

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ITEMS LIST

1	Housing
2	Bar hangers
3	Trim
4	Cylinder
5	Trim baffle

TOOLS REQUIRED

- Phillips screwdriver
- Allen key 1/16"
- Drywall knife or hole saw
- Router (for Millwork)

For electrical connections, please refer to the [wiring diagram guide](#).

For remote driver box installation instructions, please refer to the [remote driver installation sheet](#).

Shown with Aera 3" Reflex. Applicable to Aera 2" Reflex.



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OVERVIEW - INSTALLATION TYPES

NIC - Type Non-IC	
2"	3"
- Minimum plenum height: 7 5/16" - Clearance between sides of luminaire and parts of building must be 1/2" minimum; clearance to insulating materials to be 3" minimum	- Minimum plenum height: 9 1/2" - Clearance between sides of luminaire and parts of building must be 1/2" minimum; clearance to insulating materials to be 3" minimum

IC - Type-IC	
2"	3"
- Minimum plenum height: 7 1/4" - No setback from insulation required	- Minimum plenum height: 9 1/2" - No setback from insulation required

* Bar hangers are not shown in the drawings.

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BAR HANGER INSTALLATION

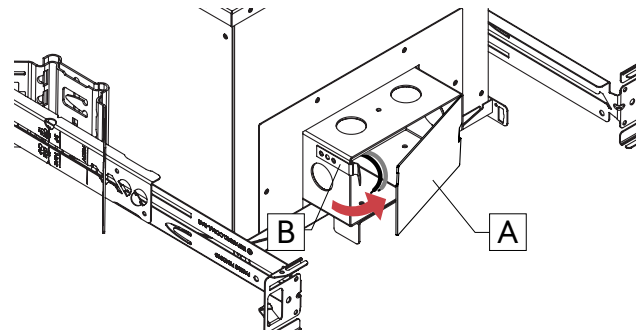
Install the housing by referring to the installation instructions in the [downlight mounting option guide](#).



ELECTRICAL CONNECTION

1 UNSNAP COVER.

Unsnap the cover **[A]** from the hook **[B]** and pivot the cover.

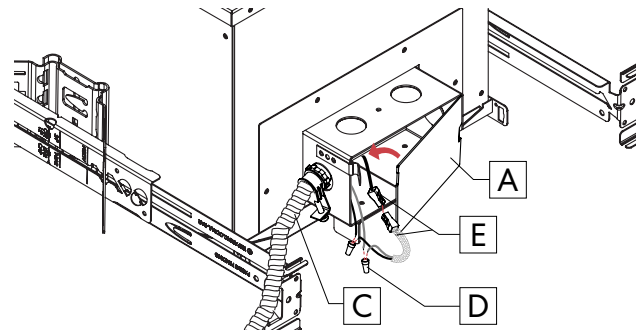


2 MAKE ELECTRICAL CONNECTIONS.

Install the main power cable **[C]** to knockout and make electrical connections between the main power cable **[C]** and the quick connect cable with wire nuts **[D]** (by others).

Connect the main power to the driver using the quick connectors **[E]**.

Snap the cover **[A]** back in place.



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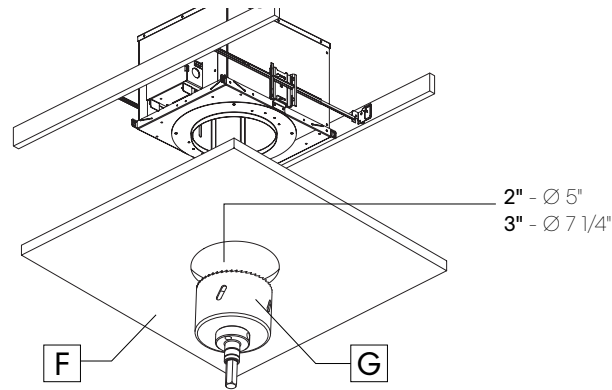


CEILING PREPARATION

1 CEILING CUT-OUT.

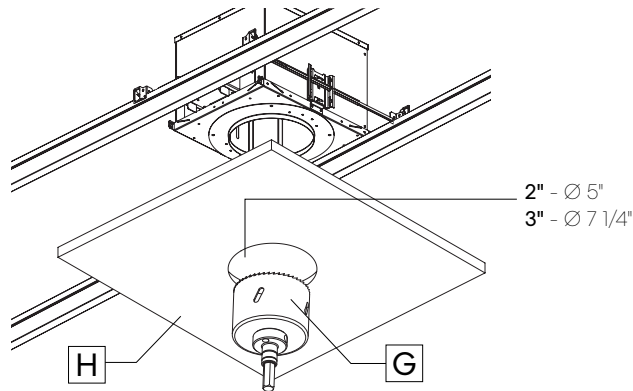
DRYWALL CEILING

Cut opening in drywall ceiling [F] with drywall knife or hole saw [G]. Install the ceiling.



GRID CEILING

Cut opening in grid ceiling tile [H] with hole saw [G]. Install the ceiling.

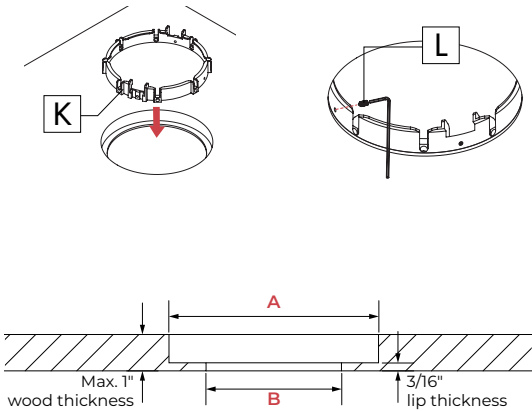
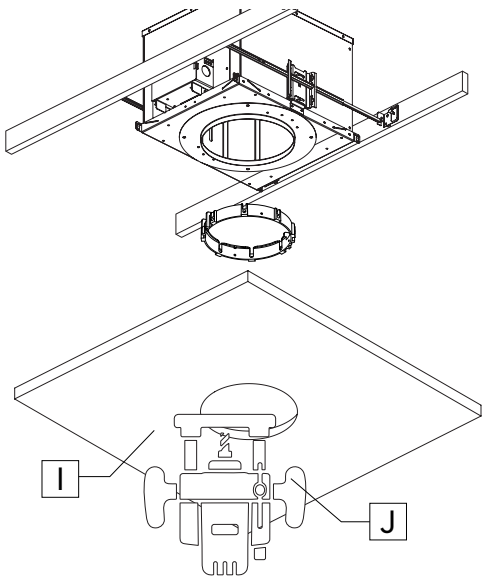


MILLWORK CEILING

Cut opening in wood ceiling [I] with router [J]. Install the ceiling.

Note: The baffle opening is cut-through, but the collar opening is a step-hole that is at the back face of the ceiling.

Mount the millwork adapter [K] from above before fixing the ceiling. Attach the millwork adapter by using the provided set screws [L]. Keep pressure even on all screws to center with cutout.



	A	B
	Collar Opening	Baffle Opening
2"	Ø 5"	Ø 4 1/8"
3"	Ø 7 1/4"	Ø 6 3/8"

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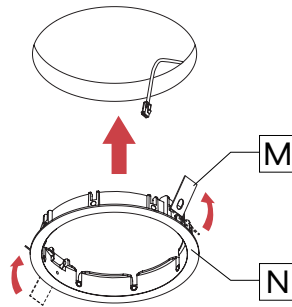


INSTALLATION INSTRUCTIONS

1 INSTALL FLANGED TRIM OR MUDPLATE.

FLANGED TRIM

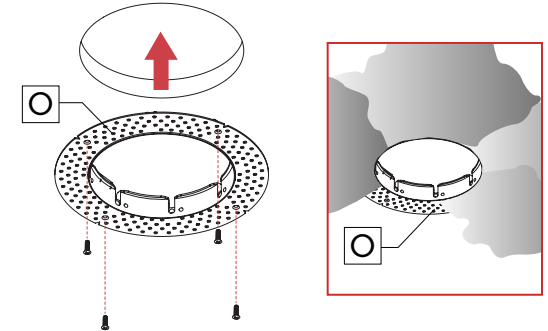
Squeeze spring clips [M] upwards onto the flanged trim [N]. Insert the flanged trim [N] into opening until spring clips [M] snap back above the ceiling in the housing.



Note: For trimless millwork, skip to step 2.

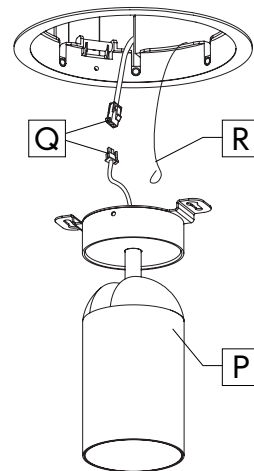
TRIMLESS DRYWALL MUDPLATE

Attach the mudplate [O] to the ceiling and screw onto the ceiling. Plaster and sand over the mudplate [O].

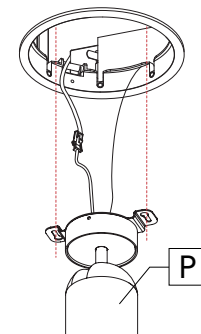
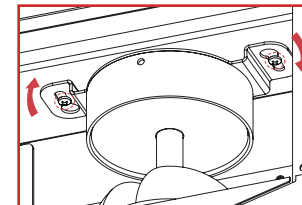
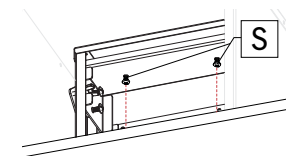


2 INSTALL FIXTURE.

Bring the fixture [P] closer to the ceiling. Connect the quick connectors [Q] from the fixture [P] to the driver in the housing. Attach the safety cable [R] to the fixture.



Align keyholes to the screws [S] and rotate the fixture [P]. Tighten the screws [S] to lock the fixture [P] in place.



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INSTALLATION INSTRUCTIONS

3 INSTALL TRIM BAFFLE.

Install the trim baffle [T].

