

HEMI

Downlights - Recessed Open Frame (OF), IC Rated (IC), Chicago Plenum (CP)



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.



Wire dimming conductors as Class 1.



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



OVERVIEW



Warnings

Install per national installation and accident prevention regulations.

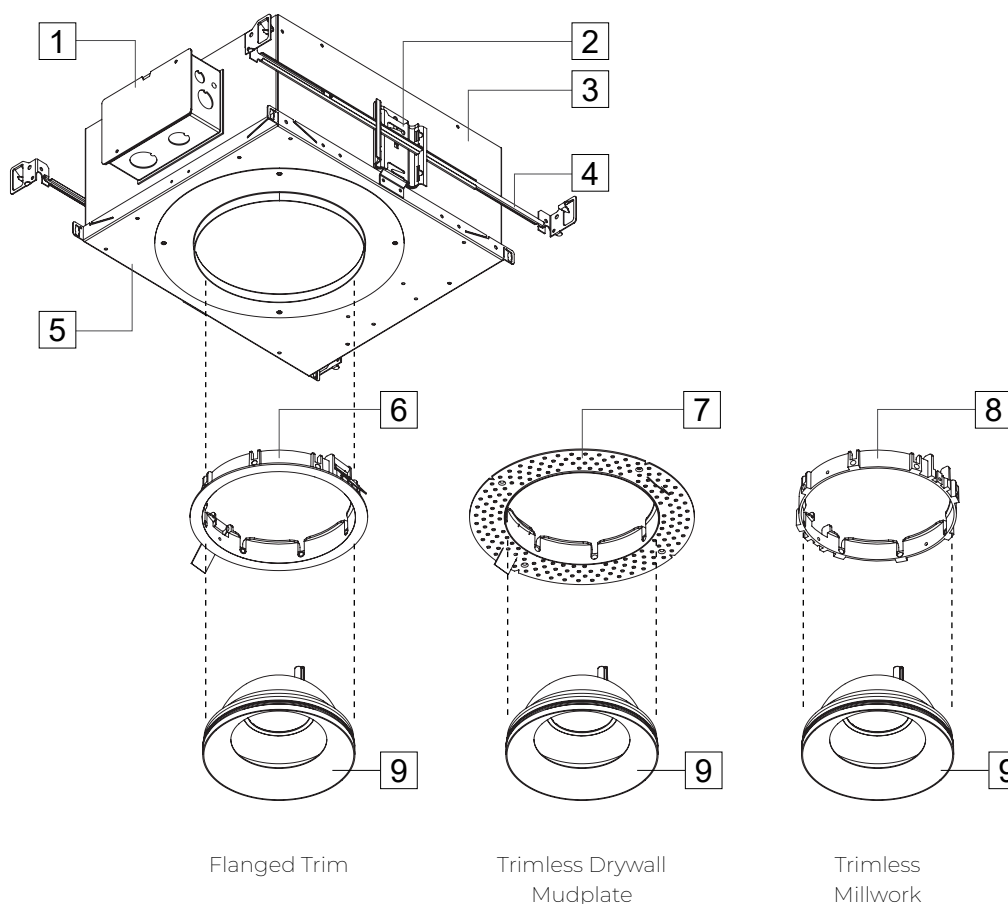
Clearance between sides of luminaire and parts of building must be 1/2" minimum; clearance to insulating materials to be 3" minimum, unless luminaires is IC rated.

Fixtures must be installed in applications where the ambient temperature does not exceed 40° C during normal operation.

Do not connect or disconnect LED board wire connector when the fixture is energized. This may result in permanent damage to the LED array.

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

Do not cover the light element lens or heatsink with any materials or adhesive tapes.



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Go to pages related to product configuration.

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Tools Required

Allen Key 1/16" ¹
Adjustable Hole Cutter
Drywall Knife ²
Hammer

¹ For millwork adapter only.
² Or router.

Items List

- [1] - Electrical Box
- [2] - Butterfly Bracket
- [3] - IC/CP Box
- [4] - Hanger Bar
- [5] - Mounting Frame
- [6] - Flanged Trim
- [7] - Mudplate
- [8] - Millwork Adapter
- [9] - Light Element



HEMI

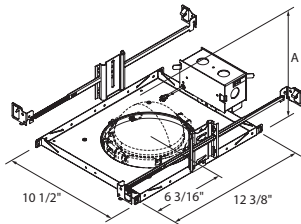
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OVERVIEW - OPTIONS

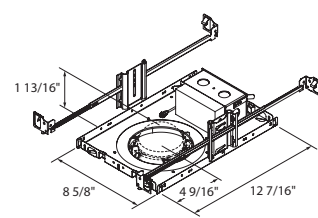
INSTALLATION TYPES

HEMI-L

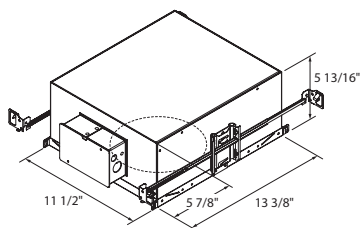


Open Frame Type Non-IC

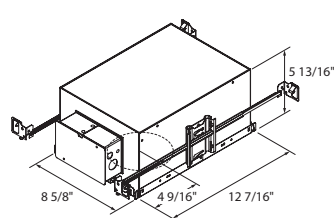
HEMI-S



Open Frame Type Non-IC

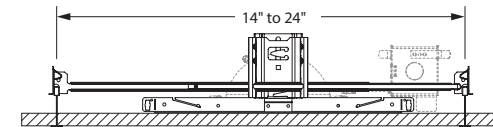


IC Rated
/ Chicago Plenum Type-IC



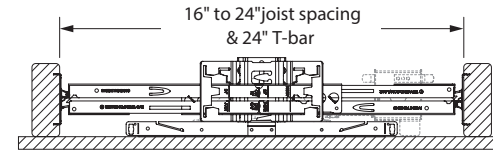
IC Rated
/ Chicago Plenum Type-IC

MOUNTING OPTIONS



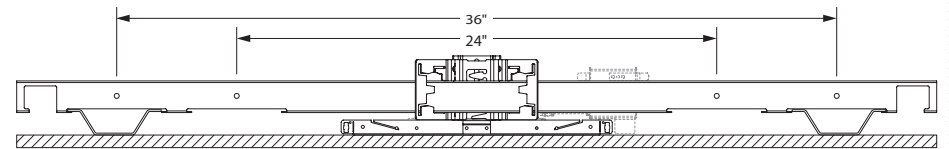
Adjustable Standard Bar Hanger

GO TO PAGE 3
FOR ADJUSTABLE STANDARD BARS INSTALLATION.



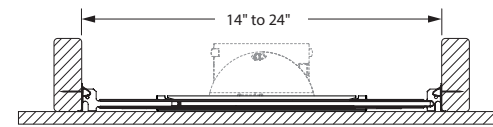
Adjustable Commercial Bar Hanger

GO TO PAGE 4
FOR ADJUSTABLE COMMERCIAL BARS INSTALLATION.



Adjustable Hat Channel Bars

GO TO PAGE 5
FOR ADJUSTABLE HAT CHANNEL BARS INSTALLATION.



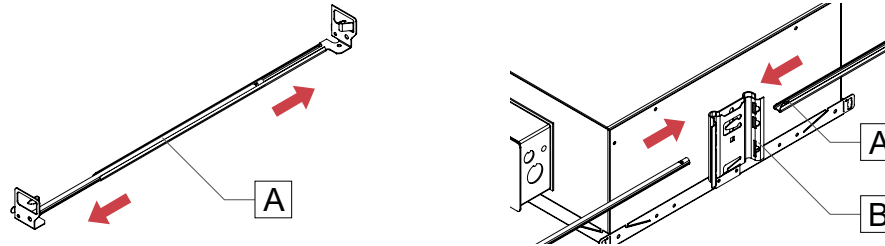
Flush Mount Bars

GO TO PAGE 6
FOR FLUSH MOUNT BARS INSTALLATION.

ADJUSTABLE STANDARD BAR HANGERS (ASB)

1 ADJUST HANGER BARS.

Separate the hanger bars [A].
Insert the hanger bars [A] into the caterpillar brackets [B].



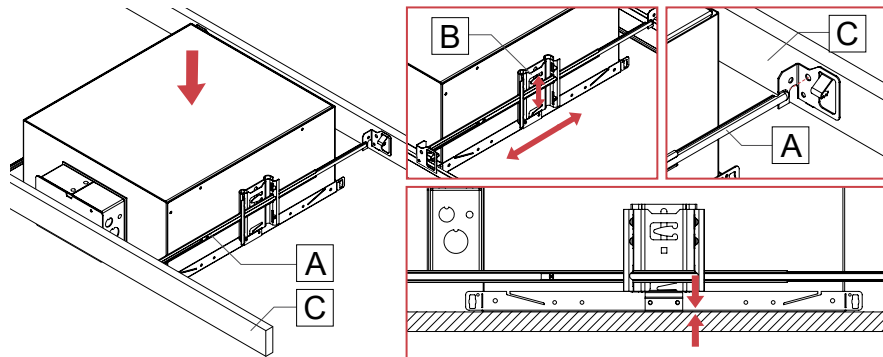
HOUSING

2 MOUNT HOUSING IN CEILING.

DRYWALL CEILING

Mount hanger bars [A] on supports [C] in ceiling.

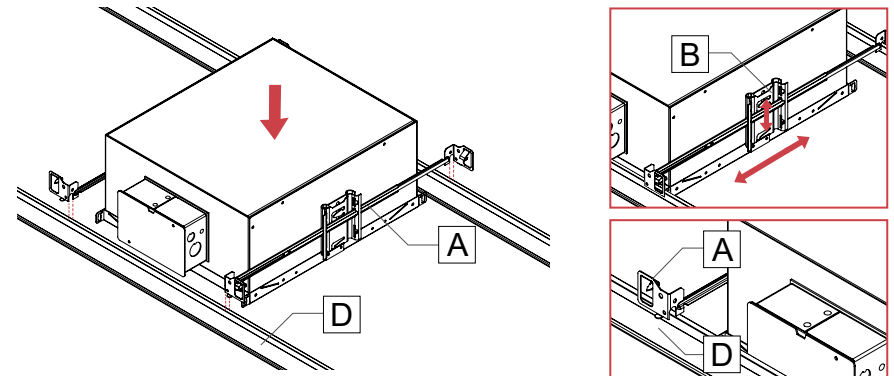
Adjust the caterpillar bracket [B] to align the bottom of the mounting plate to the top of the ceiling surface. The caterpillar bracket can be adjusted from 1" to 3".
Adjust the housing position as well. Screw the hanger bars [A] to supports.



GRID CEILING

Mount hanger bars [A] on T-bar [D] in ceiling.

Adjust the caterpillar bracket [B] to suit the ceiling thickness. The caterpillar bracket can be adjusted from 1" to 3". Adjust the housing position as well.



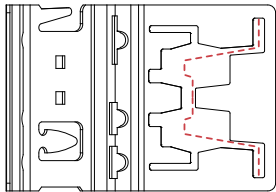
3 GO TO PAGE 7 FOR ELECTRICAL CONNECTION INSTRUCTIONS.

ADJUSTABLE COMMERCIAL BAR HANGERS (ACB)

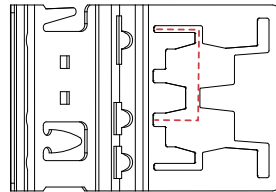
1 DETERMINE HANGER BARS POSITION.

Insert hanger bars into butterfly brackets according to hanger types used.

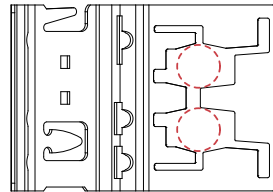
FURRING STRIP CHANNEL



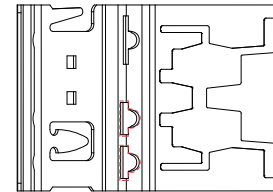
1/2" x 1/2" CHANNEL (2 POSITIONS)



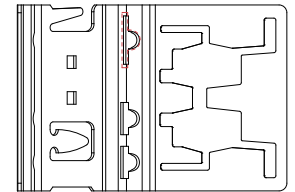
1/2" DIAMETER EMT



1/2" HANGER BARS 1287 & 1240



5/8" - 3/4" HANGER BARS

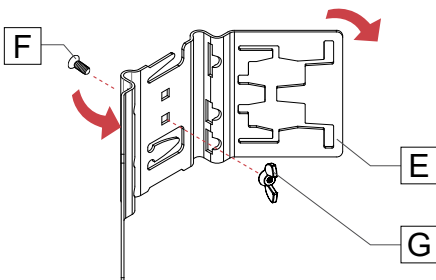


2 PREPARE BUTTERFLY BRACKET.

Squeeze the edges of the butterfly bracket [E] to unlock.

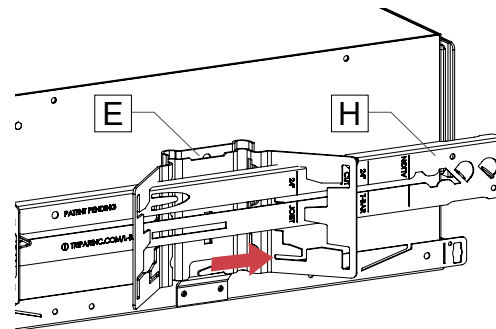
Mount butterfly bracket [E] to housing bracket with screw [F] and wing nut [G].

Note: This step applies to all variation of hanger bars installed into this bracket.



3 INSTALL HANGER BARS.

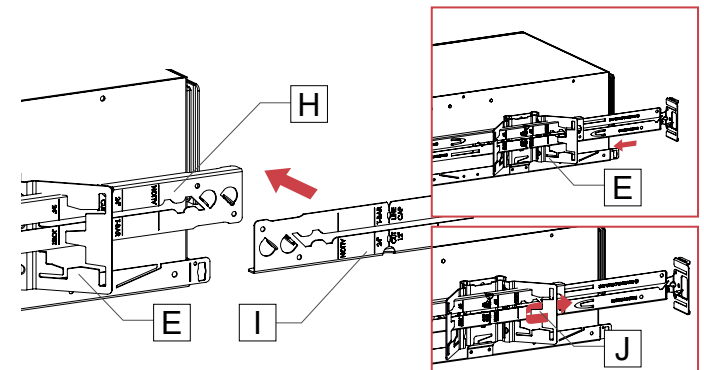
Slide in the first part of the adjustable commercial hanger bar [H] into the butterfly bracket [E]



4 ADJUST AND SET HANGER BARS.

Insert the second part of the adjustable commercial hanger bar [I] to the first part [H]. Push the hanger bars [I+H] further into the butterfly bracket [E] and adjust the length.

Twist tab [J] inward to lock in place the bar hanger [I+H].



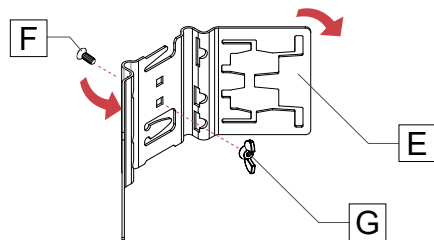
5 GO TO PAGE 7 FOR ELECTRICAL CONNECTION INSTRUCTIONS.

ADJUSTABLE HAT CHANNEL BAR HANGERS (AHC)

1 PREPARE BUTTERFLY BRACKET.

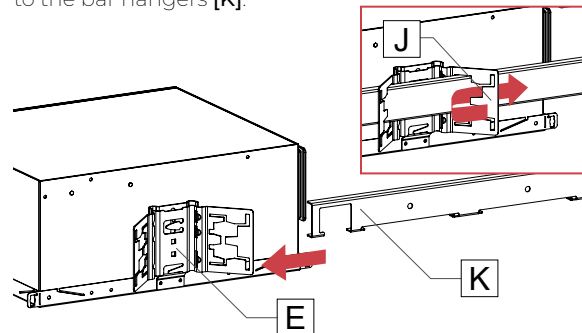
Squeeze the edges of the butterfly bracket [E] to unlock. Mount butterfly bracket [E] to housing bracket with screw [F] and wing nut [G].

Note: This step applies to all variation of hanger bars installed into this bracket.



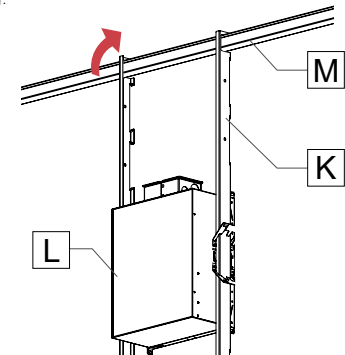
2 INSERT HANGER BARS.

Insert hat channel bar hanger [K] into butterfly bracket [E]. Lock hat channel bar hangers [K] in place in butterfly bracket [E] by twisting the tab [J] inwards to the bar hangers [K].



3 HANG MOUNTING FRAME.

With hat channel bar hangers [K] locked in place, hang the housing [L] onto the hat channel [M] in ceiling.

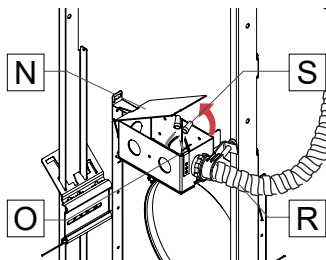


4 MAKE ELECTRICAL CONNECTIONS.

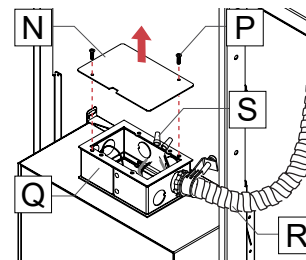
Unsnap the cover [N] from the hook [O] and pivot the cover. For Chicago Plenum, remove screws [P] to access the electrical box [Q].

Install BX cable [R] to knockout and make the electrical connections with wire nuts [S] (by others). Snap the cover [N] back to finish.

OPEN FRAME

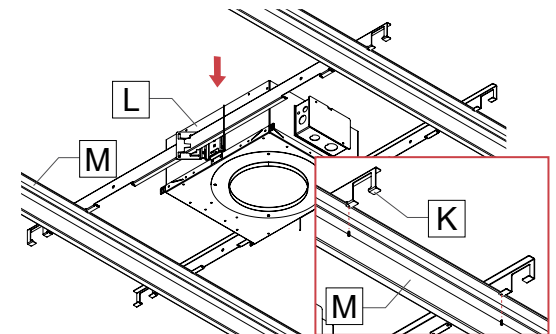


TYPE-IC / CHICAGO PLENUM



5 MOUNT ON HAT CHANNEL.

Place housing [L] onto hat channels [M] in ceiling. Affix the housing into the hat channels [M] by screwing into the hat channel bar hanger [K].



6 GO TO PAGE 10 FOR CEILING PREPARATION INSTRUCTIONS.

HEMI

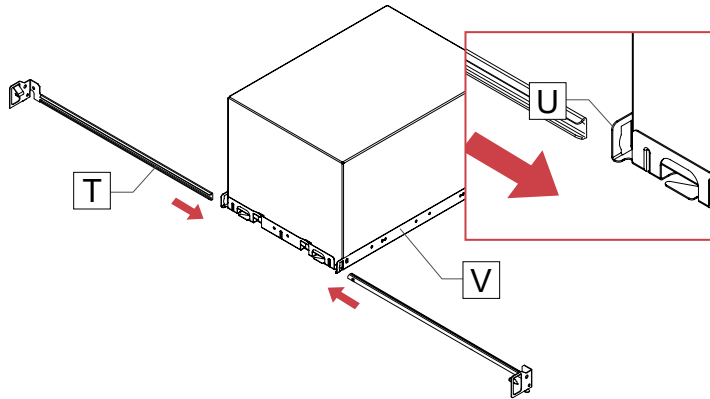
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FLUSH MOUNT BARS (FMB)

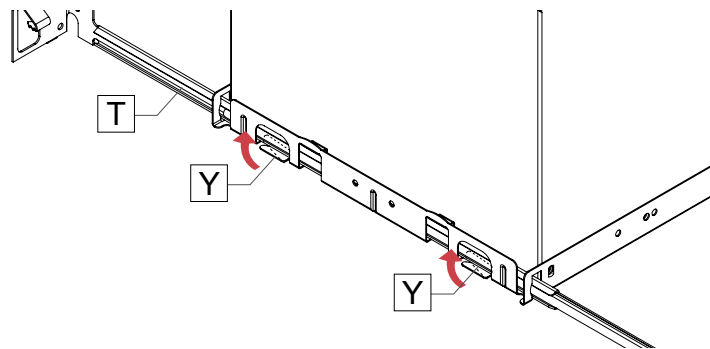
1 INSERT HANGER BARS.

Insert flush mount bars [T] into slots [U] in the mounting frame [V].



3 LOCK HANGER BARS.

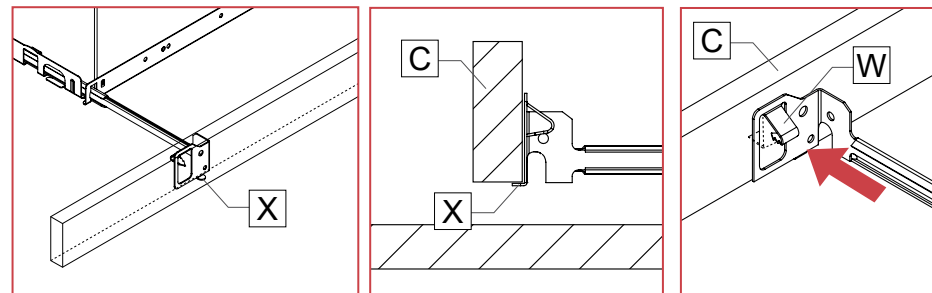
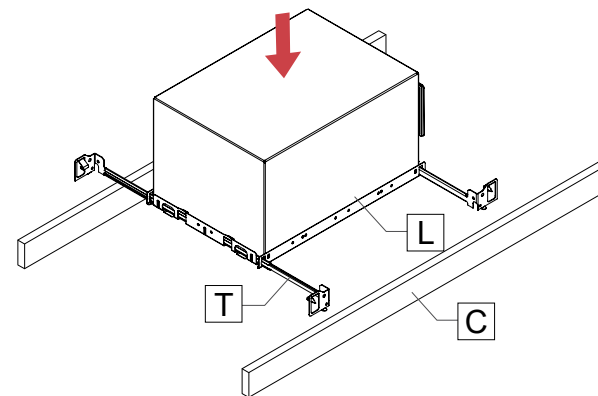
Lock flush mount bars [T] in place by twisting tabs [Y] inwards to the bar hangers [T].



2 MOUNT HOUSING IN CEILING.

Place housing [L] into ceiling next to ceiling supports [C]. Mount bar hangers [T] into supports [C] by hammering in pin tab [W] into the supports [C].

Note: Make sure to have tab [X] under supports [C] before hammering pin tab [W].



4 GO TO PAGE 7 FOR ELECTRICAL CONNECTION INSTRUCTIONS.

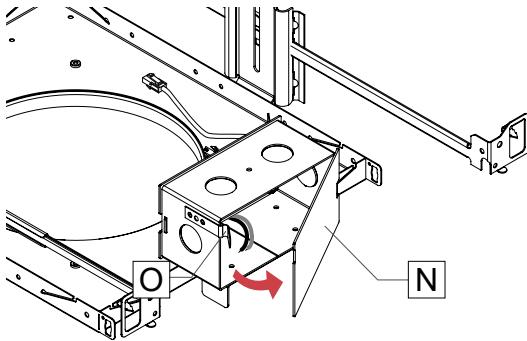


ELECTRICAL CONNECTIONS

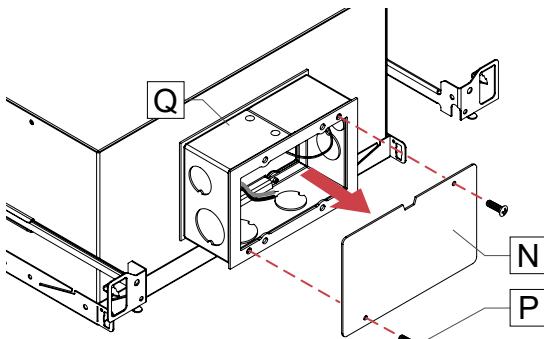
1 UNSNAP COVER.

Unsnap the cover [N] from the hook [O] and pivot the cover. For Chicago Plenum, remove screws [P] to access the electrical box [Q].

OPEN FRAME



TYPE-IC / CHICAGO PLENUM

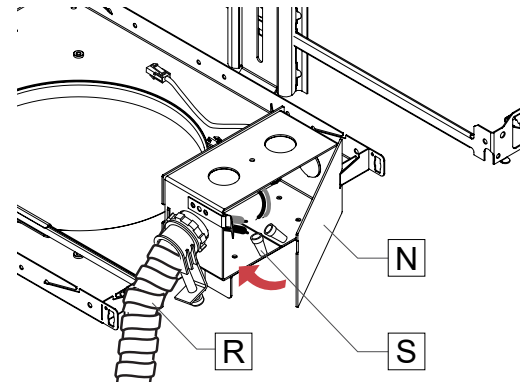


2 MAKE ELECTRICAL CONNECTIONS.

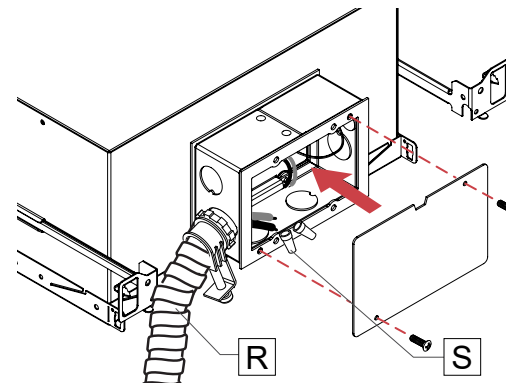
Install BX cable [R] to knockout and make the electrical connections with wire nuts [S] (by others).

Snap the cover [N] back to finish.

OPEN FRAME



TYPE-IC / CHICAGO PLENUM



HEMI

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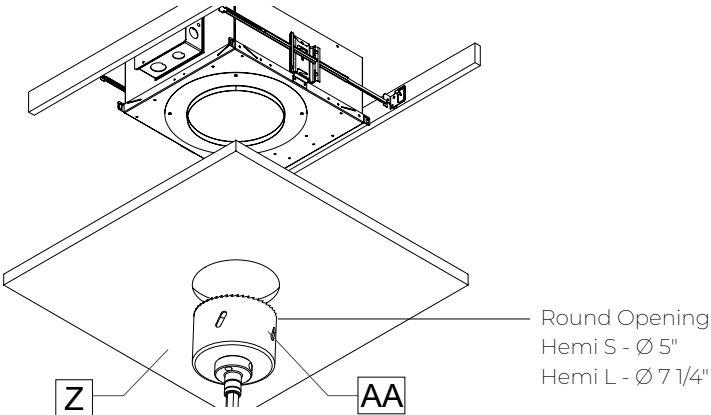


CEILING PREPARATION

1 CEILING CUT-OUTS.

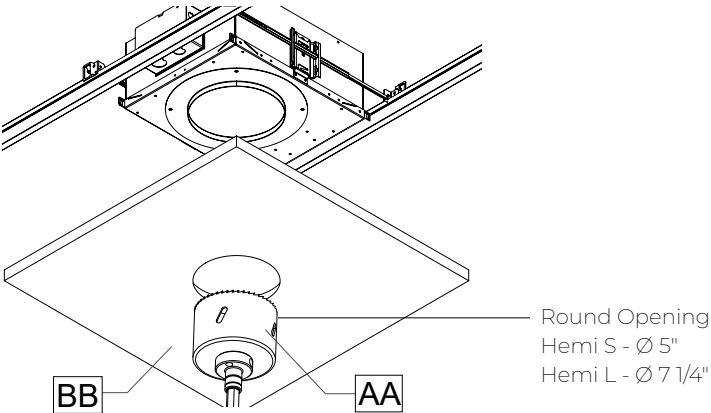
DRYWALL CEILING

Cut opening in drywall ceiling [Z] with router [AA].



GRID CEILING

Cut opening in grid ceiling tile [BB] with router [AA].

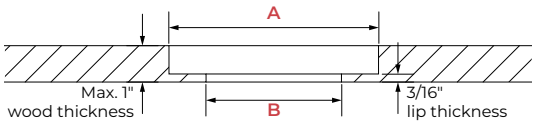
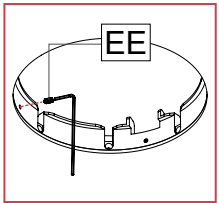
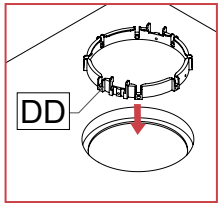
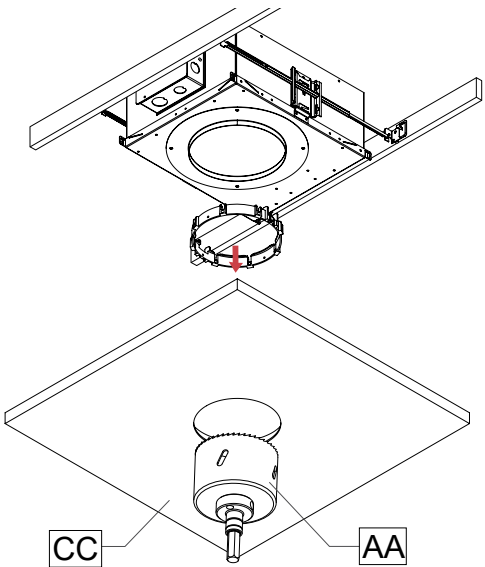


MILLWORK CEILING

Cut opening in wood ceiling [CC] with router [AA].

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



	A	B
	Collar Opening	Baffle Opening
Hemi S	Ø 5"	Ø 4 1/8"
Hemi L	Ø 7 1/4"	Ø 6 3/8"

HEMI

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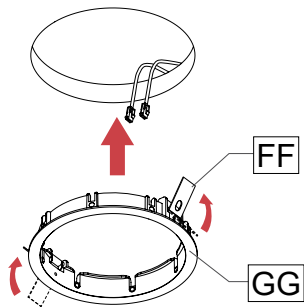


LIGHT ELEMENT & FIXTURE

1 INSTALL LIGHT ELEMENT.

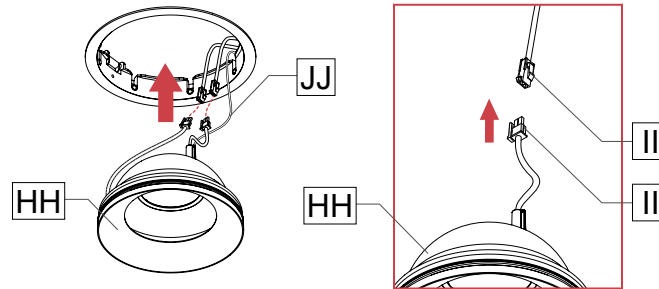
FLANGED TRIM

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



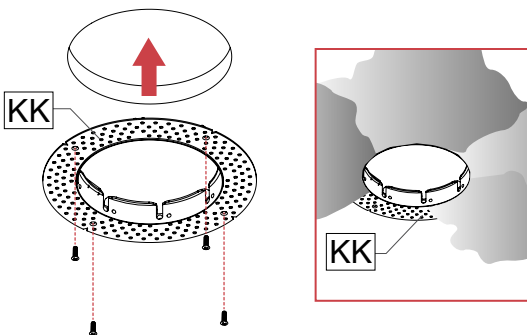
Bring the light element [HH] closer to the ceiling. Connect the quick connectors [II] from the light element [HH] to driver in housing. Attach the safety cable [JJ] to the trim piece.

Note: When there is more than 1 light element, follow the corresponding indicators on the quick connectors to connect the light elements to drivers in housing.



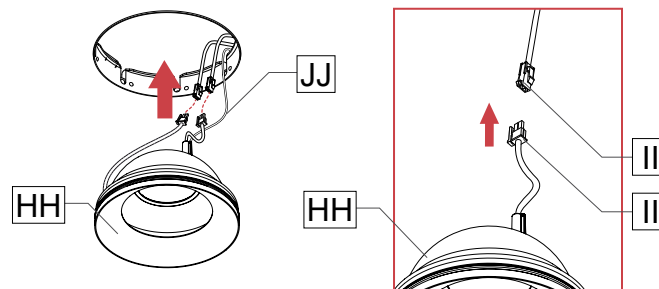
TRIMLESS DRYWALL MUDPLATE

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



Bring the light element [HH] closer to the ceiling. Connect the quick connectors [II] from the light element [HH] to driver in housing. Attach the safety cable [JJ] to the mudplate piece.

Note: When there is more than 1 light element, follow the corresponding indicators on the quick connectors to connect the light elements to drivers in housing.

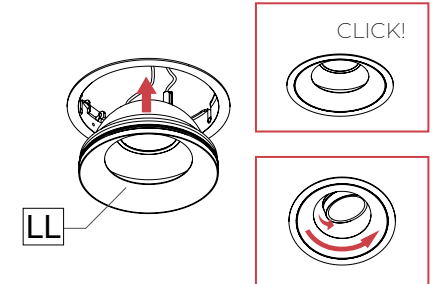


2 INSTALL FIXTURE.

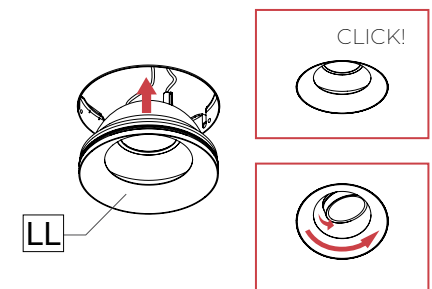
Snap in the fixture [LL] in place into ceiling opening until audible click is heard.

Rotate the baffle or hot aim adjustable module if needed.

FLANGED TRIM



TRIMLESS DRYWALL MUDPLATE



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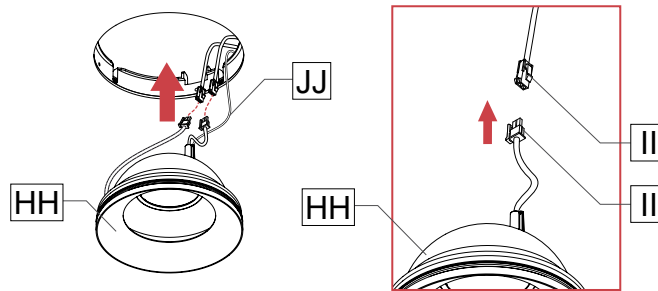


1 INSTALL LIGHT ELEMENT.

TRIMLESS MILLWORK

Bring the light element [HH] closer to the ceiling. Connect the quick connectors [II] from the light element [HH] to driver in housing. Attach the safety cable [JJ] to the millwork adapter.

Note: When there is more than 1 light element, follow the corresponding indicators on the quick connectors to connect the light elements to drivers in housing.



2 INSTALL FIXTURE.

TRIMLESS MILLWORK

Snap in the fixture [LL] in place into ceiling opening until audible click is heard.

Rotate the baffle or hot air adjustable module if needed.

