

AERA CYLINDER

Surface

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 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.

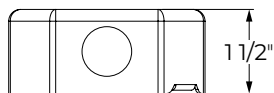
 Wire dimming conductors as Class 1.

 For electrical connections, follow the wiring diagrams on page [12](#) and [13](#) according to specified drivers in product configuration.

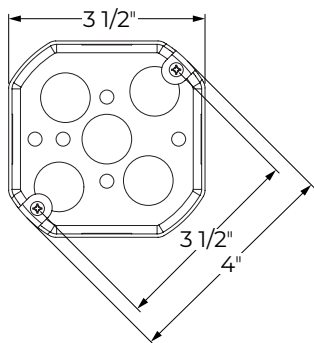
OVERVIEW (Driver in Cylinder)

See pages [7](#) to [11](#) for Driver in Junction Box installation instructions

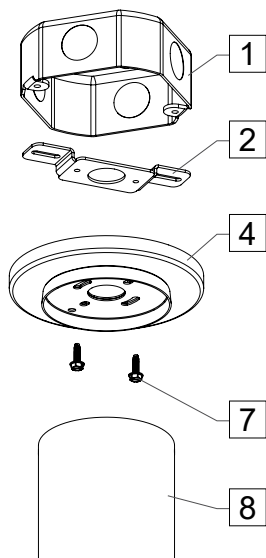
Junction box (by others)



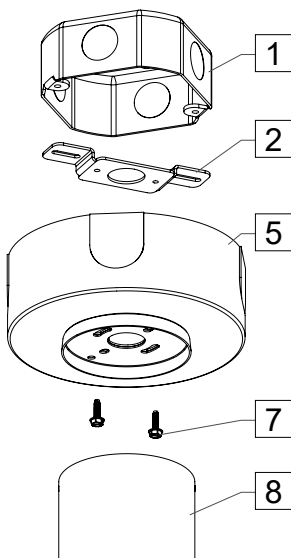
Standard 4" octagonal junction box



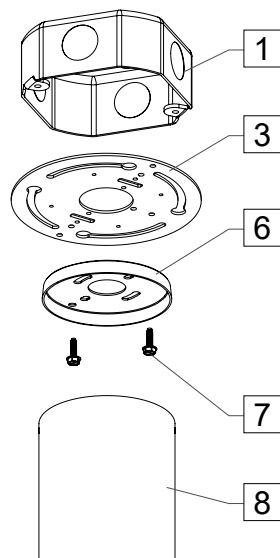
Flat canopy



Conduit feed canopy



Direct mount



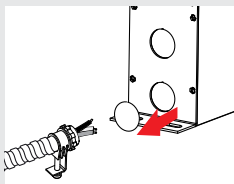
Items list

1	Junction box (by others)
2	Crossbar
3	Mounting plate
4	Flat canopy assembly
5	Conduit canopy assembly
6	Adapter piece
7	6-32 screw
8	Housing assembly

Tools required

- Allen key 5/64
- Philips screwdriver
- Socket screwdriver 1/4"
- Gypsum cutter or milling hand tool

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



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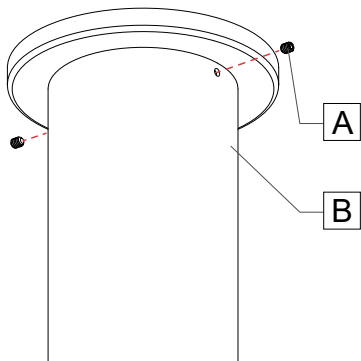
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FLAT CANOPY

Driver in Cylinder

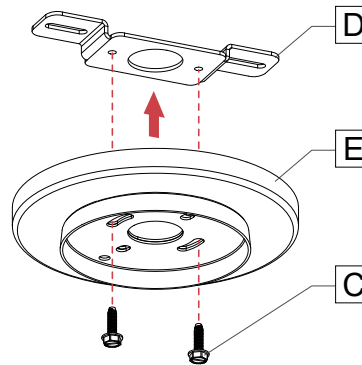
1 REMOVE SET SCREWS.

Remove set screws [A] from the housing assembly [B].



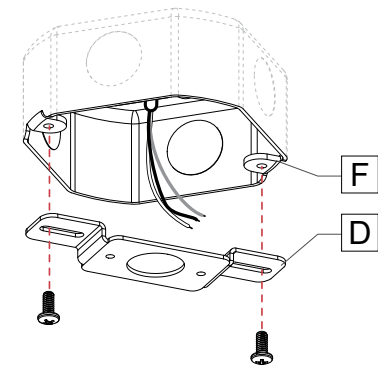
2 DETACH CROSSBAR.

Remove hex screws [C] to detach the crossbar [D] from the canopy assembly [E].



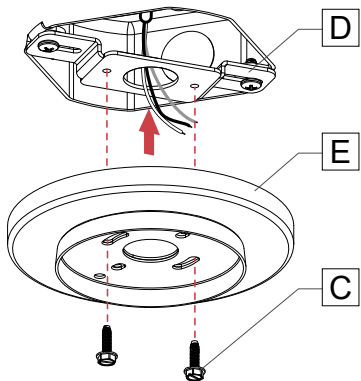
3 INSTALL CROSSBAR.

Attach and secure the crossbar [D] onto the junction box [F].



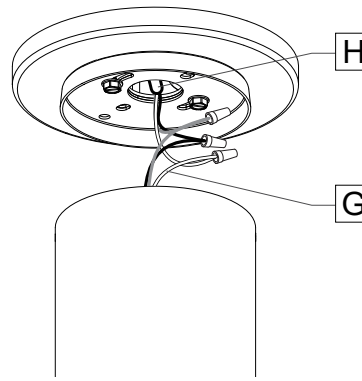
4 INSTALL CANOPY ASSEMBLY.

Attach the canopy assembly [E] with provided hex screws [C] onto the crossbar [D].



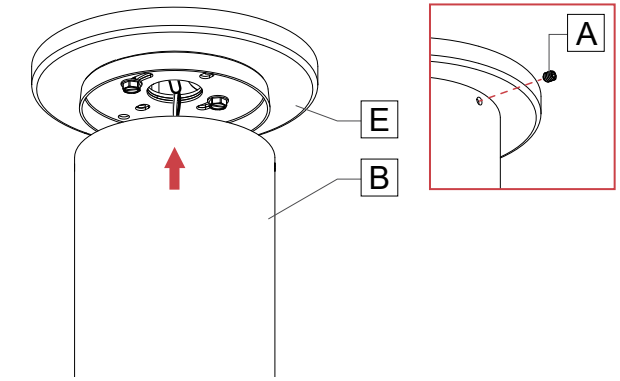
5 MAKE ELECTRICAL CONNECTIONS.

Make electrical connections between the fixture cable [G] and the main power [H] using wire nuts (by others).



6 INSTALL HOUSING ASSEMBLY.

Place the housing assembly [B] over the canopy assembly [E] and secure with the provided set screws [A].



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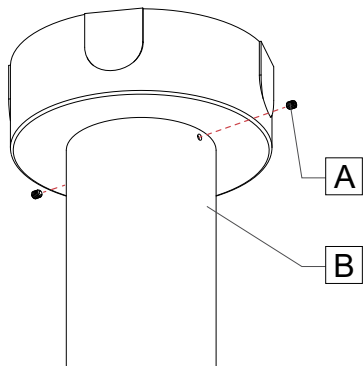
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Driver in Cylinder

CONDUIT FEED CANOPY

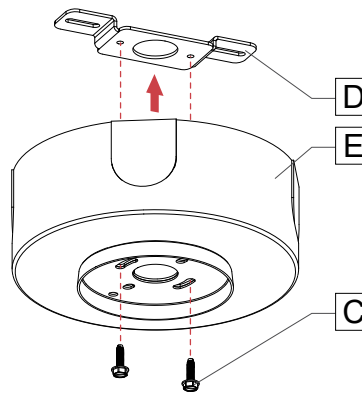
1 REMOVE SET SCREWS.

Remove set screws [A] from the housing assembly [B].



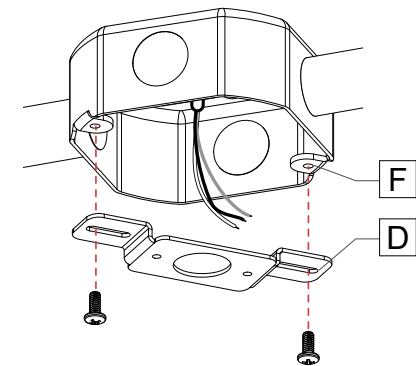
2 DETACH CROSSBAR.

Remove hex screws [C] to detach the crossbar [D] from the canopy assembly [E].



3 INSTALL CROSSBAR.

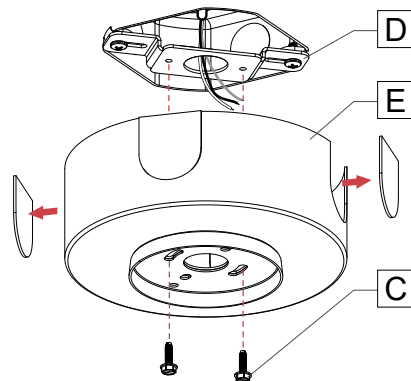
Attach and secure the crossbar [D] onto the junction box [F].



4 INSTALL CANOPY ASSEMBLY.

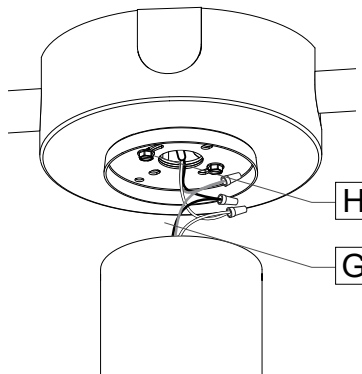
Remove the necessary knock outs to allow the conduits to connect onto junction box.

Attach the canopy assembly [E] with provided hex screws [C] onto the crossbar [D].



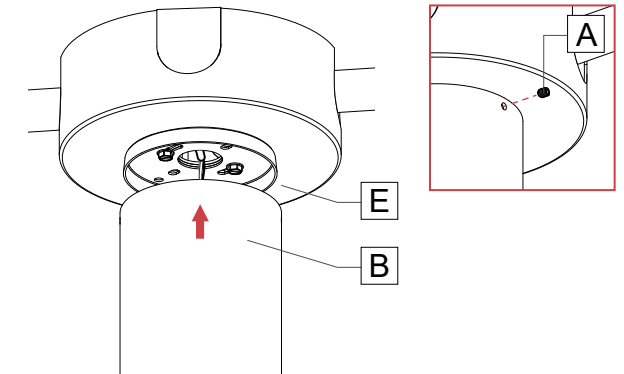
5 MAKE ELECTRICAL CONNECTIONS.

Make electrical connections between the fixture cable [G] and the main power [H] using wire nuts (by others).



6 INSTALL HOUSING ASSEMBLY.

Place the housing assembly [B] over the canopy assembly [E] and secure with the provided set screws [A].



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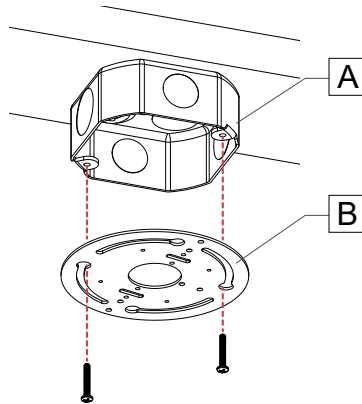
DIRECT - JUNCTION BOX (Install option A - New construction)

Driver in Cylinder

1 INSTALL JUNCTION BOX AND MOUNTING PLATE.

Install and reinforce junction box [A] (by others) to ceiling structure.

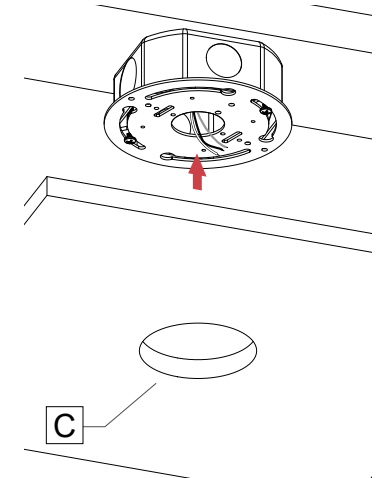
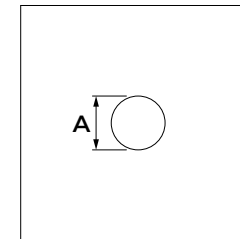
Mount and turn the mounting plate [B] to place on the junction box. Tighten screws to secure the mounting plate to the junction box.



2 PREPARE DRYWALL CEILING.

Install the drywall [C]. Prepare the area where the fixture is going to be installed. Cut hole in the drywall by using provided template cutout hole.

Size	A
2"	Ø1 3/4"
3"	Ø2 3/4"
4"	
5"	

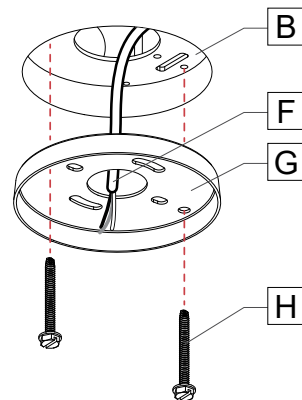
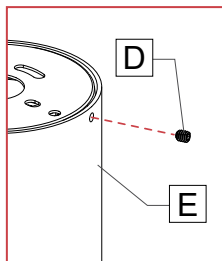


3 INSTALL ADAPTER PIECE.

Remove set screws [D] from the housing assembly [E].

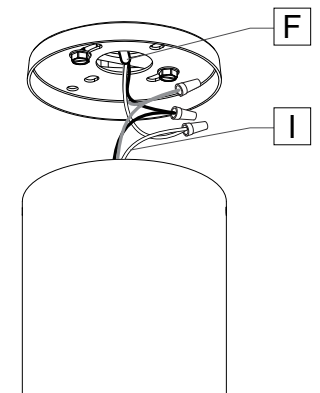
Pass the main power cable [F] through the adapter piece [G].

Attach the adapter piece [G] with provided hex screws [H] onto the mounting plate [B].



4 MAKE ELECTRICAL CONNECTIONS.

Make electrical connections between the fixture cable [I] and the main power [F] using wire nuts (by others).



AERA CYLINDER

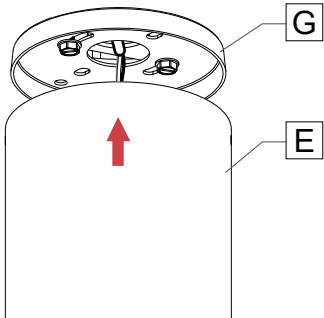
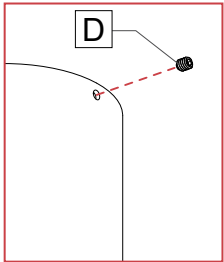
Surface

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5 INSTALL HOUSING ASSEMBLY.

Driver in Cylinder

Place the housing assembly [E] back to the adapter piece [C] and secure with the provided set screws [D].



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Surface

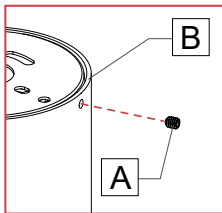
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DIRECT - DIRECT FEED (Install option B - Remodel)

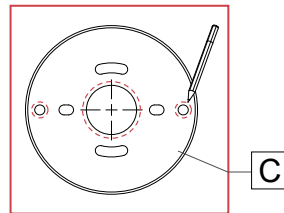
Driver in Cylinder

1 INSTALL ADAPTER PIECE TO CEILING.

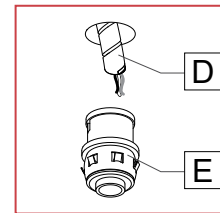
Remove set screws [A] from the housing assembly [B].



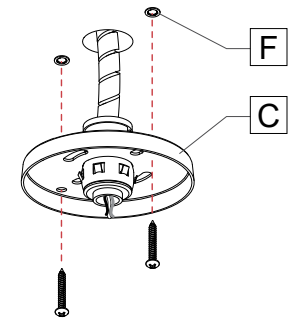
Locate where the fixture will be installed. Use the adapter piece [C] as a model to mark 2 mounting points and a 7/8" dia hole.



Pierce a 7/8" dia hole and bring the power cable [D] through the hole and connect the power cable to the adapter [E].

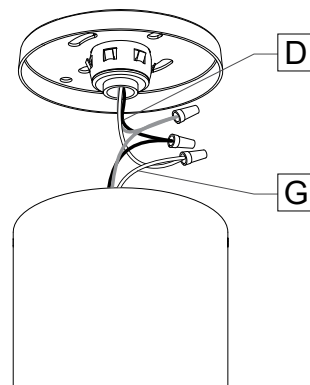


Install screw anchors [F] where the hole was made and install the adapter piece [C] with screws.



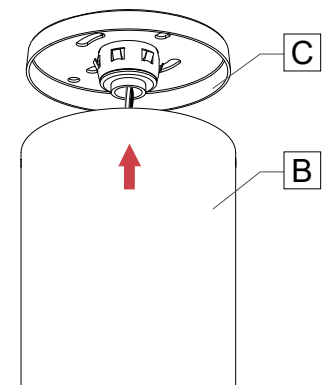
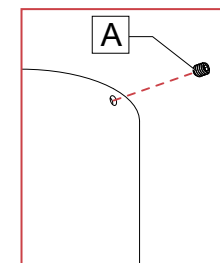
2 MAKE ELECTRICAL CONNECTIONS.

Make electrical connections between the fixture cable [G] and the main power [D] using wire nuts (by others).



3 INSTALL HOUSING ASSEMBLY.

Place the housing assembly [B] back to the adapter piece [C] and secure with the provided set screws [A].



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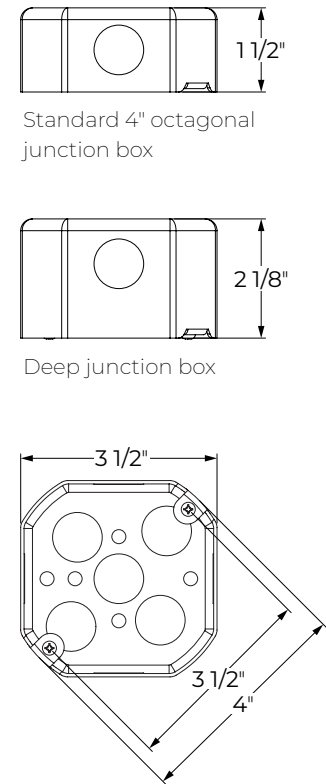
Surface

LUMENWERX

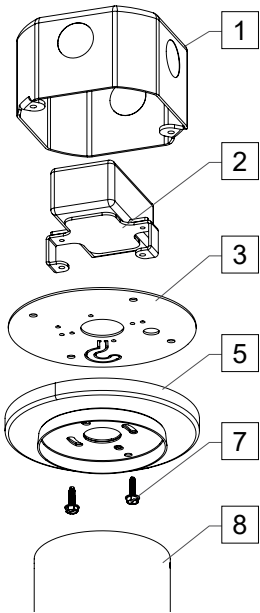
OVERVIEW (Driver in Junction Box)

See pages [1 to 6](#) for Driver in Cylinder installation instructions

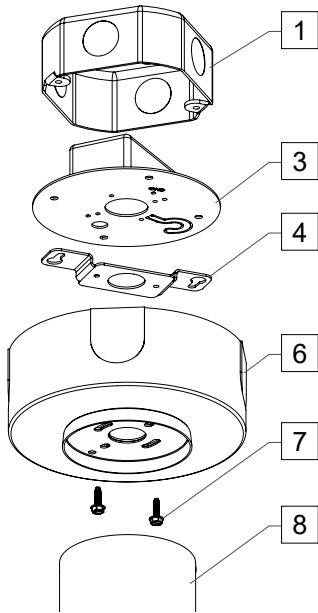
Junction box (by others)



Flat canopy with deep J-box



Conduit feed canopy with standard J-box



Items list

1	Junction box (by others)
2	Driver bracket
3	Fixed mounting plate
4	Cross bar
5	Flat canopy assembly
6	Conduit canopy assembly
7	6-32 screw
8	Housing assembly

Tools required

- Allen key 5/64
- Philips screwdriver
- Socket screwdriver 1/4"

AERA CYLINDER

Surface

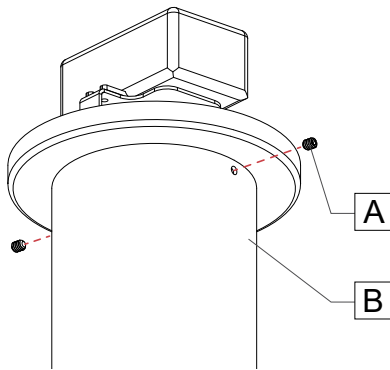
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FLAT CANOPY WITH DEEP JUNCTION BOX

Driver in Junction Box

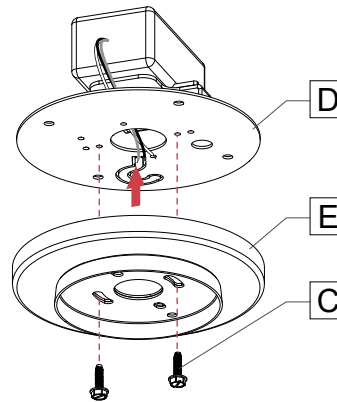
1 REMOVE SET SCREWS.

Remove set screws [A] from the housing assembly [B].



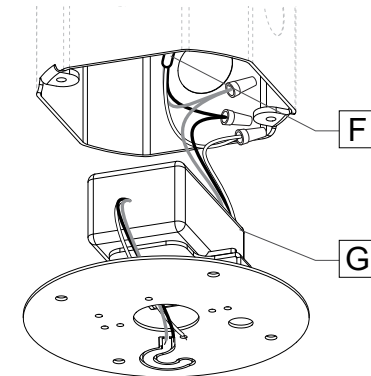
2 DETACH MOUNTING PLATE.

Remove hex screws [C] to detach the mounting plate [D] from the canopy assembly [E].



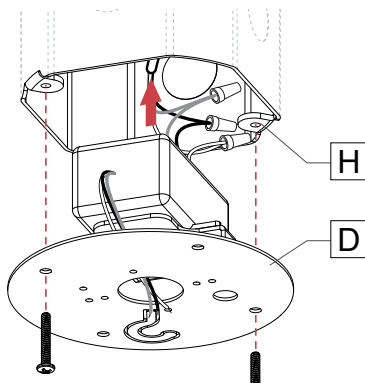
3 MAKE ELECTRICAL CONNECTIONS.

Make the electrical connections between the main power cable [F] and the wires [G] from the driver box with the wire nuts (by others).



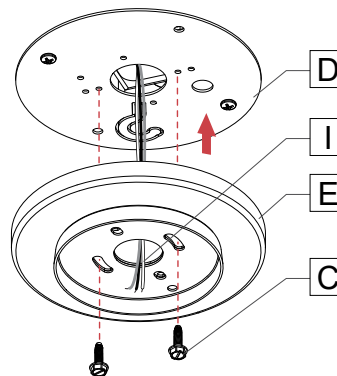
4 INSTALL MOUNTING PLATE.

Mount and secure the fixed mounting plate [D] on the junction box [H].



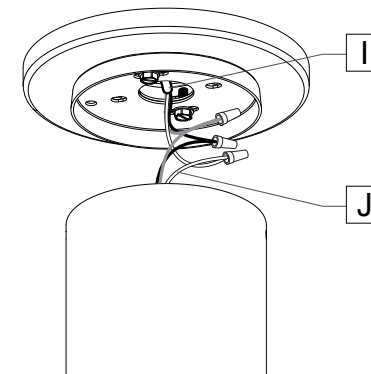
5 INSTALL CANOPY ASSEMBLY.

Pull the wires [I] from the driver box through the canopy assembly [E]. Attach the canopy assembly [E] with provided hex screws [C] onto the fixed mounting plate [D].



6 MAKE ELECTRICAL CONNECTIONS.

Make electrical connections between the fixture cable [J] and the wires from the driver [I] using wire nuts (by others).



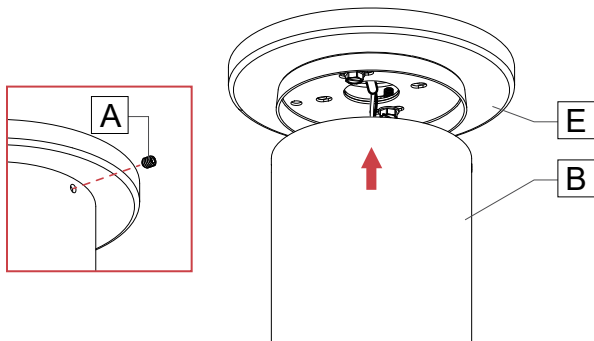
AERA CYLINDER

Surface

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7 INSTALL HOUSING ASSEMBLY. Driver in Junction Box

Place the housing assembly [B] over the canopy assembly [E] and secure with the provided set screws [A].



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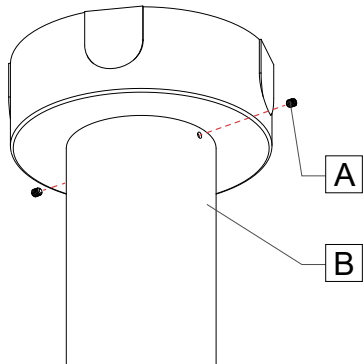
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Driver in Junction Box

CONDUIT FEED CANOPY WITH STANDARD JUNCTION BOX

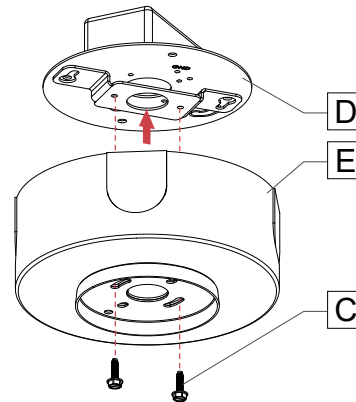
1 REMOVE SET SCREWS.

Remove set screws [A] from the housing assembly [B].



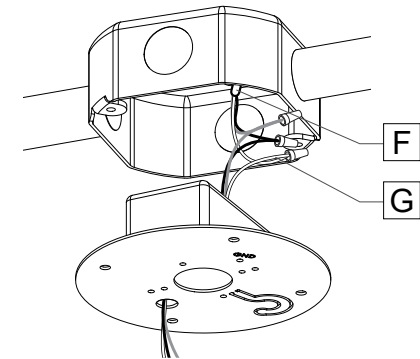
2 DETACH FIXED MOUNTING PLATE.

Remove hex screws [C] to detach the fixed mounting plate [D] from the canopy assembly [E].



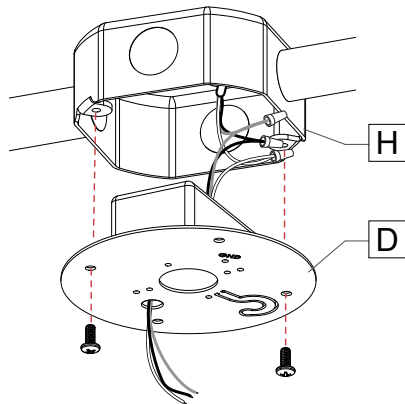
3 MAKE ELECTRICAL CONNECTIONS.

Make the electrical connections between the main power cable [F] and the wires [G] from the driver box with the wire nuts (by others).



4 INSTALL FIXED MOUNTING PLATE.

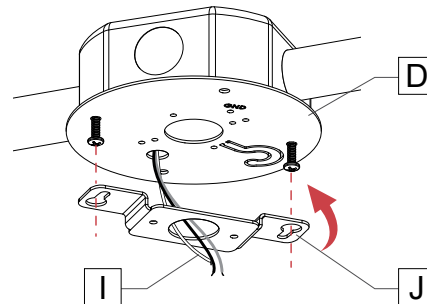
Fix the fixed mounting plate [D] to the J-box [H] with screws.



5 INSTALL CROSS BAR.

Pull the wires [I] from the driver box through the cross bar [J].

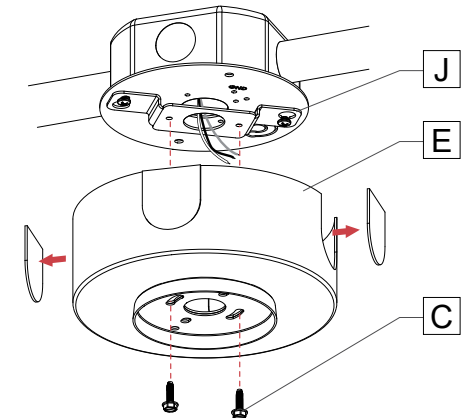
Fix the cross bar [J] to the fixed mounting plate [D] by turning.



6 INSTALL CANOPY ASSEMBLY.

Remove the necessary knock outs to allow the conduits to connect onto junction box.

Attach the canopy assembly [E] with provided hex screws [C] onto the crossbar [J].



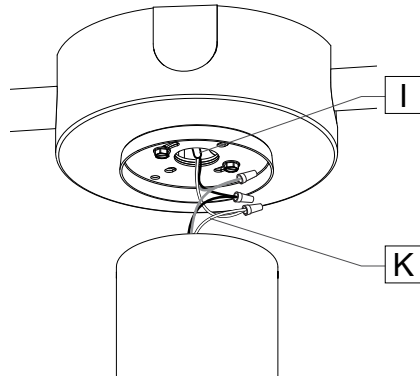
AERA CYLINDER

Surface

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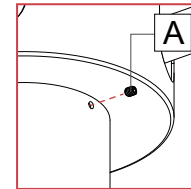
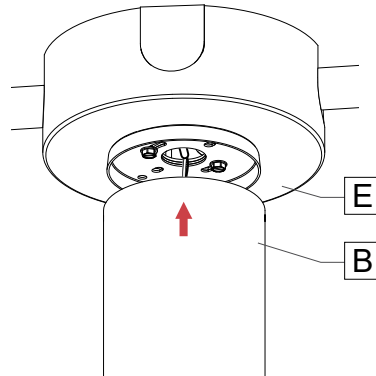
7 MAKE ELECTRICAL CONNECTIONS.

Make electrical connections between the fixture cable [K] and the wires [I] from the driver using wire nuts (by others).



8 INSTALL HOUSING ASSEMBLY.

Place the housing assembly [B] over the canopy assembly [E] and secure with the provided set screws [A].



Driver in Junction Box

AERA CYLINDER

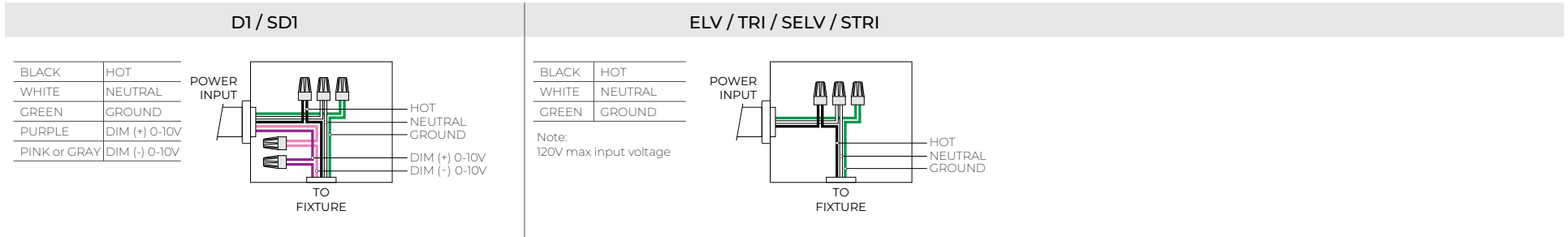
Surface

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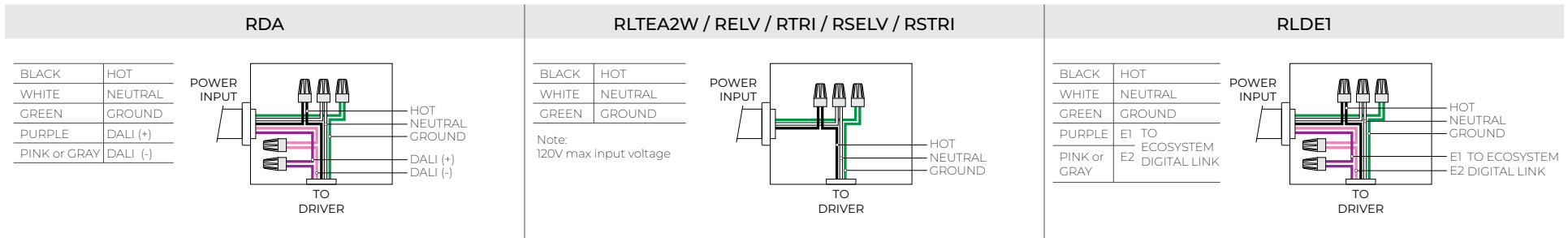
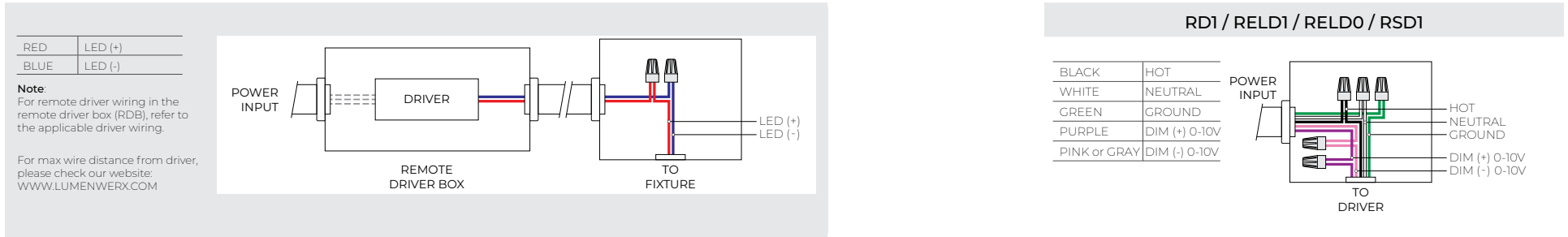
WIRING DIAGRAMS (1 Circuit)

For electrical connections, follow the wiring diagrams according to specified drivers in product configuration.

INTEGRAL DRIVER - STATIC WHITE, SOLA



REMOTE DRIVER - STATIC WHITE, SOLA



AERA CYLINDER

Surface

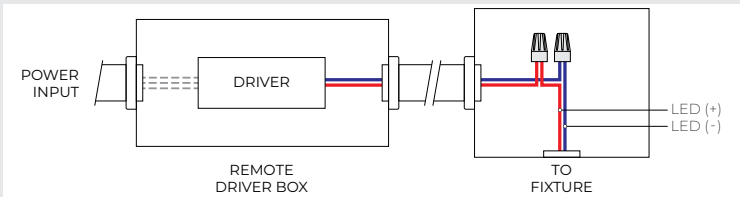
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REMOTE DRIVER - DUO

RED	LED (+)
BLUE	LED (-)

Note:
For remote driver wiring in the remote driver box (RDB), refer to the applicable driver wiring.

For max wire distance from driver, please check our website: WWW.LUMENWERX.COM



RDD1

BLACK	HOT
WHITE	NEUTRAL
GREEN	GROUND
PURPLE	DIM (+) 0-10V
RED	CCT (+) 0-10V
PINK or GRAY	DIM & CCT (-) 0-10V

RDDA / RDDA8

BLACK	HOT
WHITE	NEUTRAL
GREEN	GROUND
PURPLE	DALI (+)
PINK or GRAY	DALI (-)

RPSQ0

BLACK	HOT
WHITE	NEUTRAL
GREEN	GROUND
PURPLE	T1 TO T2 DIGITAL LINK
PINK or GRAY	T1 TO T2 DIGITAL LINK

RDMX

BLACK	HOT
WHITE	NEUTRAL
GREEN	GROUND
WHITE	DMX (+)
BLACK	DMX (-)
GREEN	SHIELD
PURPLE	DMX (+)
PINK or GRAY	DMX (-)
RED	SHIELD