

U219762

MOUNTING

FEED LOCATION

INSTALLATION INSTRUCTION

Rev. A 05/11

These installation instructions are for installing the **F1** Mounting Kit at FEED Location.

CAUTION: IT IS CRITICAL THAT SUPPORT LOCATIONS ARE LOCATED ACCURATELY. WE RECOMMEND THAT A LASER DEVICE BE USED TO LINE UP THE SUPPORT LOCATIONS ON FIXTURES HAVING MORE THAN ONE SECTION. IF NOT ALIGNED PROPERLY, A NOTICEABLE "BEND" MAY BE APPARENT WHEN VIEWED FROM THE END OF THE RUN.

WARNING: RISK OF FIRE AND ELECTRICAL SHOCK. THIS PRODUCT TO BE INSTALLED ONLY BY A QUALIFIED ELECTRICIAN.

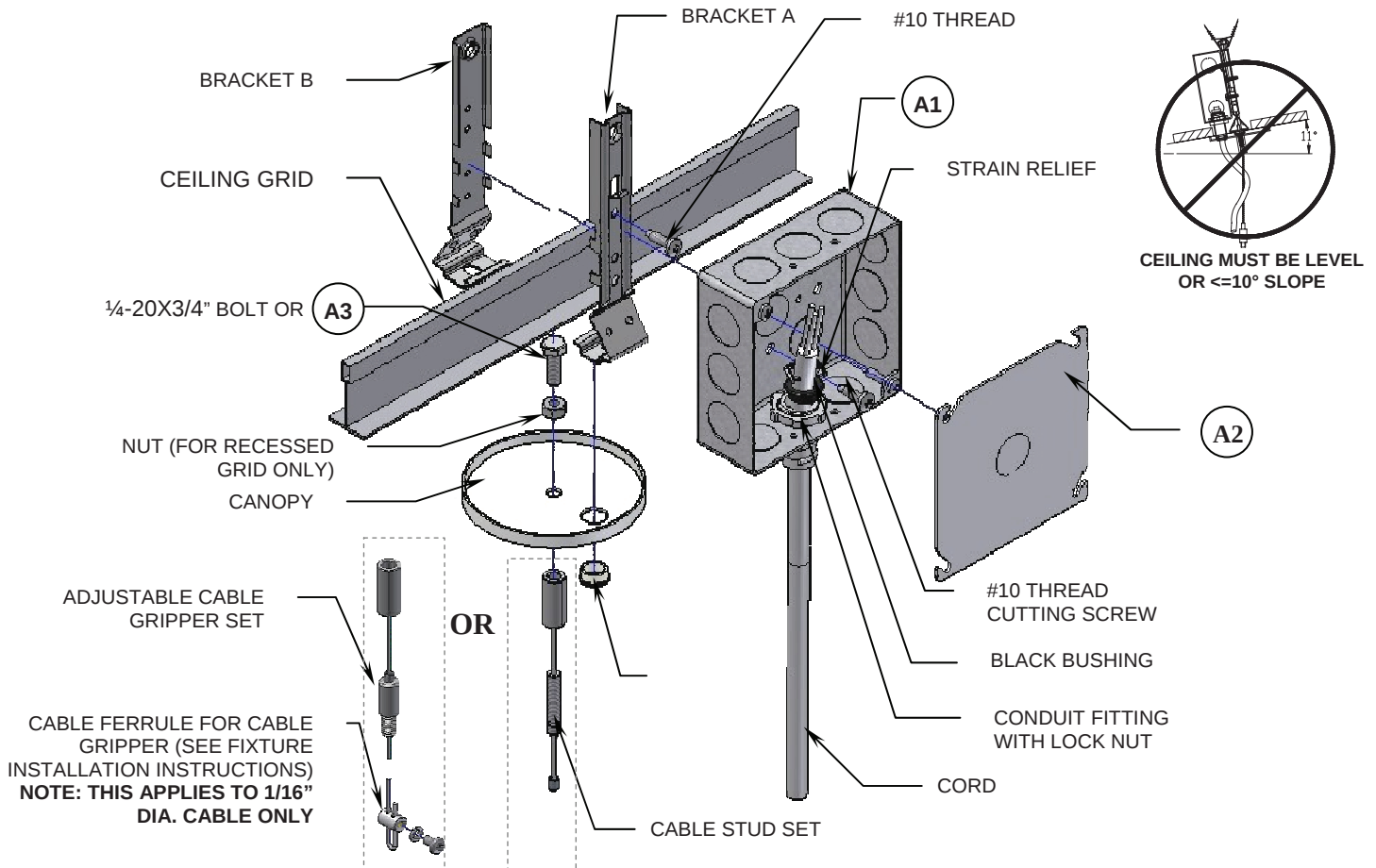
NOTE: THIS MOUNTING ASSEMBLY IS UL AND C-UL LISTED WITH THE LUMINAIRE (UL FILE 48952).

A) Parts Not Provided by LITHONIA	----- page 1
B) On-Grid Installation	----- pages 1-2
C) Off-Grid Installation	----- page 3

A) Parts Not Provided by LITHONIA

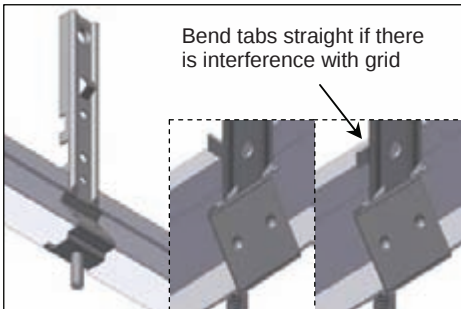
Depending on ceiling mounting type, contractor must obtain some or all of the following parts to complete installation (see parts list):

- (A1)** 4" square x 1-½" deep J-box with ½" knockout on middle of side.
- (A2)** J-box cover and screws.
- (A3)** ¼-20 steel zinc plated hex head bolt (see Section D for bolt length).
- (A4)** Caddy Bar (CADDY #512A or equal) for Off-Grid Mounting (see page 3).

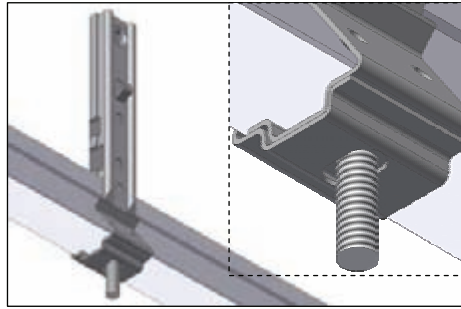


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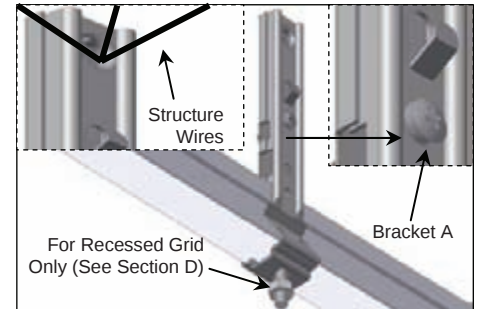
B2. ON-GRID INSTALLATION STEPS:



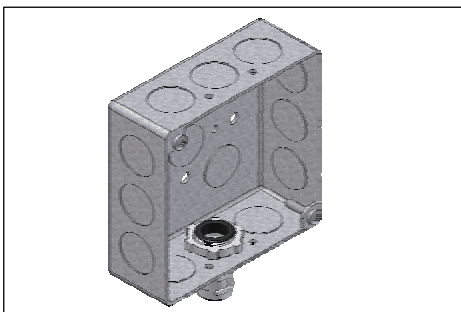
1. Insert bolt into bottom hole of Bracket A, then hook Bracket A onto grid.



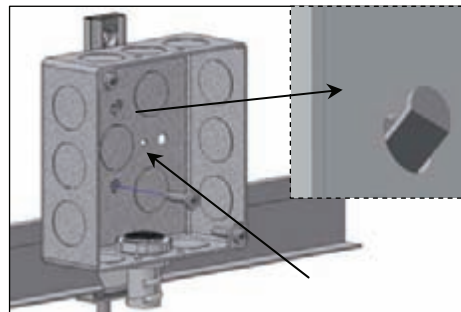
2. Hook Bracket B onto Bracket A



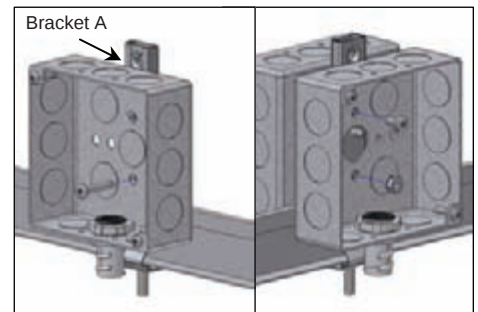
3. Adjust brackets to proper location then screw the brackets from A to B together. Secure the brackets to the structure above.



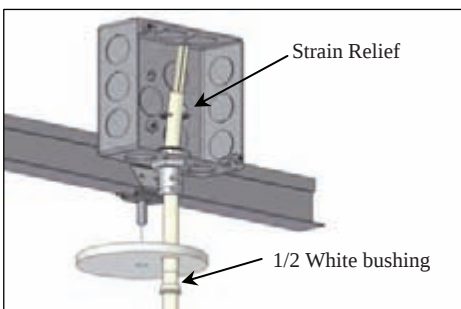
4. Attach black bushing and conduit fitting to J-box.



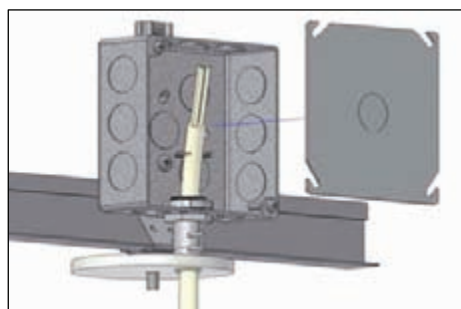
5. Hang J-Box assembly on bracket A tab. For single feed, screw J-Box to brackets.



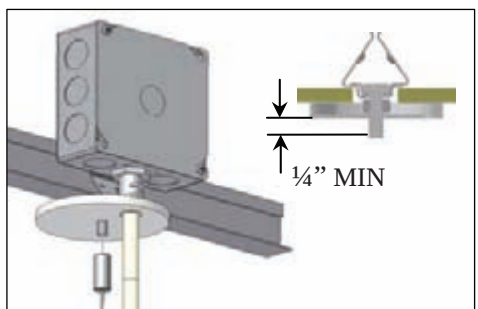
- 5A. For dual feeds, hang first J-box with long screw on the bracket A. Take center knock-out on the second J-box. Screw second J-box to bracket B. Then add nut to connect two boxes together.



6. Insert feed cord into J-Box through bushings and canopy. Attach strain relief on the cord.



7. Connect wires and install the cover to J-Box with screws.



8. Place canopy flush with ceiling tile. Thread cable retainer onto bolt no less than 1/4".

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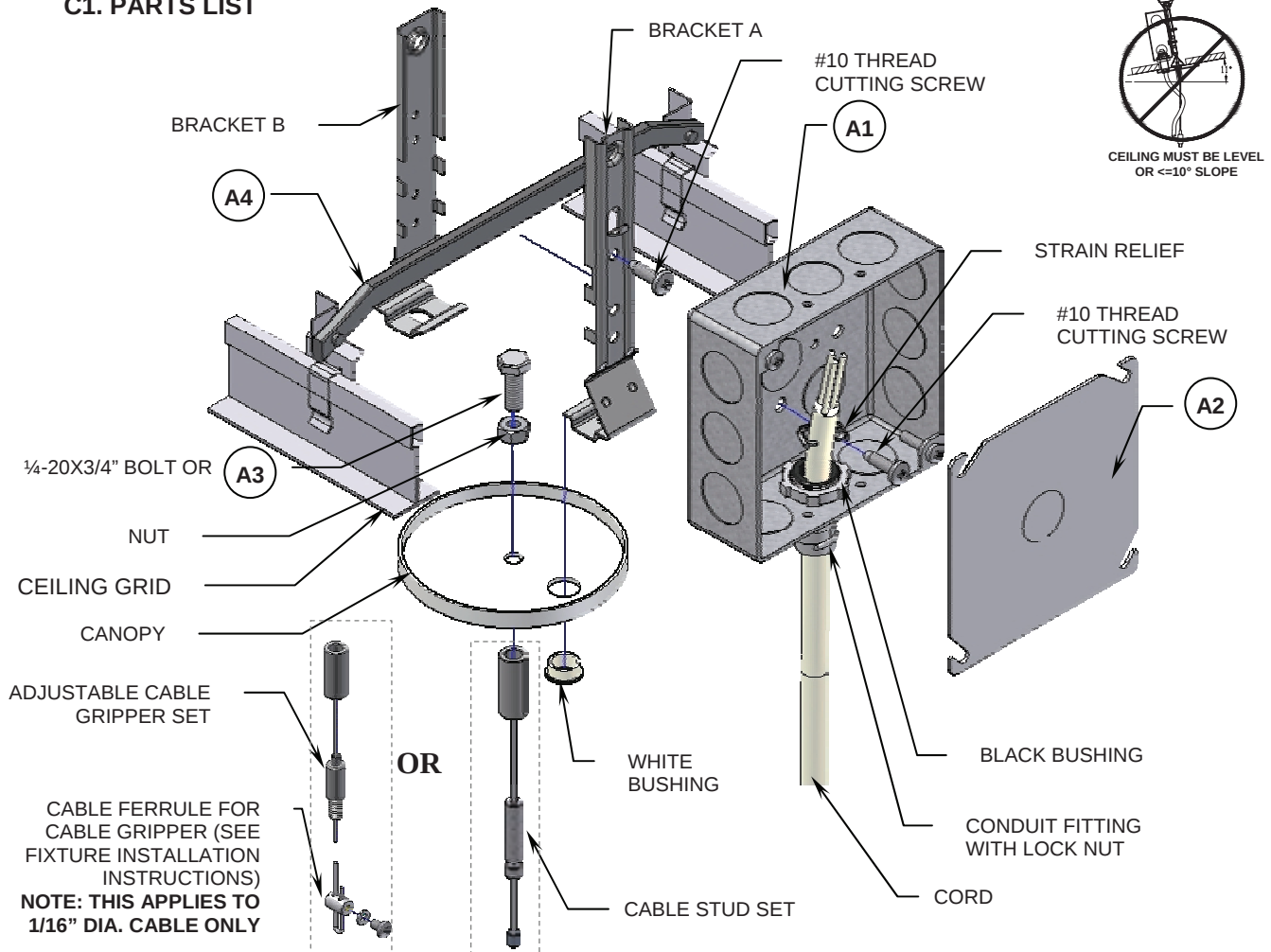
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C) Off-Grid Installation

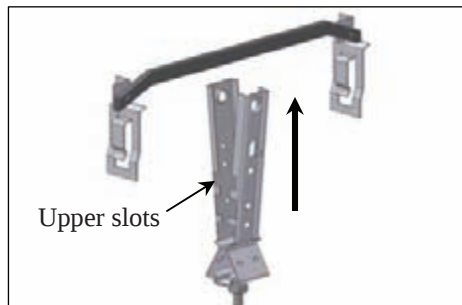
C1. PARTS LIST



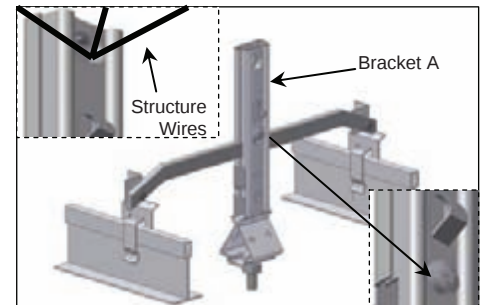
C2. OFF-GRID INSTALLATION STEPS



1. Insert bolt into Bracket A. Hook Bracket B onto Bracket A. Secure with nut (**DO NOT TIGHTEN**).



2. Slide hanger onto Caddy Bar and fit Caddy Bar into upper slots in bracket.



3. Adjust brackets to proper location then screw the brackets from A to B together. Secure the brackets to the structure above.

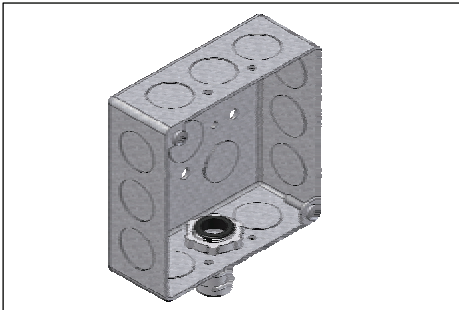
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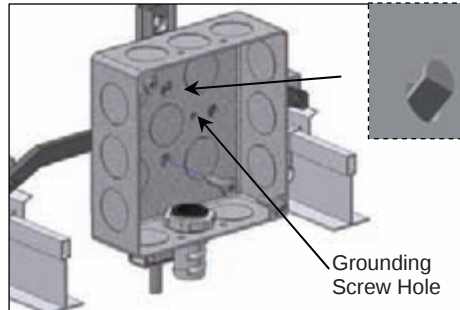
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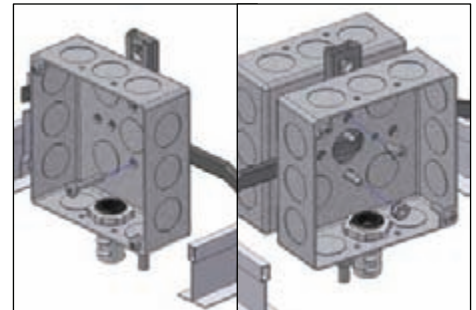
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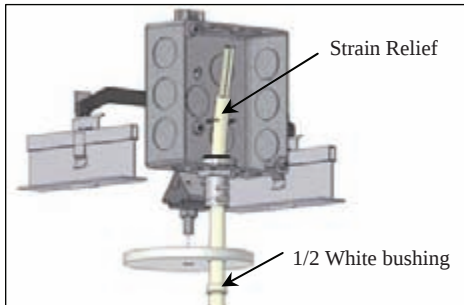
4. Attach black bushing and conduit fitting to J-box.



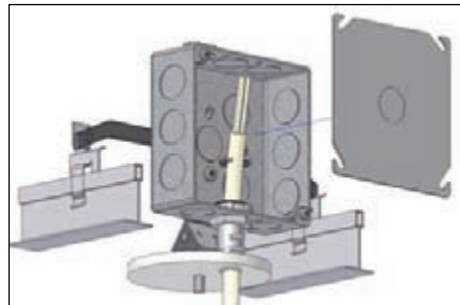
5. Hang J-Box on bracket A tab. For single feed, screw J-Box to brackets.



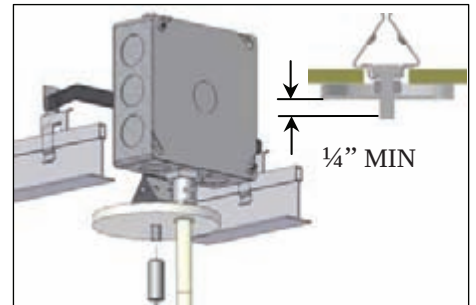
- 5A. For dual feeds, hang first J-box with long screw on bracket A. Take center knock-out on the second J-box. Screw second J-box to bracket B. Then add nut to connect two boxes together.



6. Insert feed cord into J-Box through bushing and canopy. Attach strain relief on the cord.

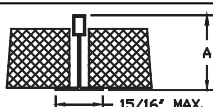
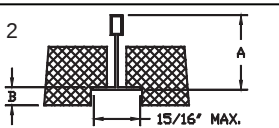
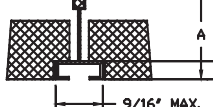


7. Connect wires and install the cover to J-Box with screws.



8. Place canopy flush with ceiling tile. Thread cable retainer onto bolt no less than 1/4".

D) Bolt and Nut Selection

TYPICAL GRID & TILE TYPE	ON-GRID			OFF-GRID		
	1/4-20X3/4" HEX BOLT B≤5/16	1/4-20 HEX BOLT B>5/16	1/4-20 HEX NUT	1/4-20X3/4" HEX BOLT A≤1.5 & B≤5/16"	1/4-20 HEX BOLT A>1.5" OR B>5/16	1/4-20 HEX NUT
TYPE 1 	YES		NO	YES	Use proper bolt length to meet min. 1/4" engagement	YES
TYPE 2 	YES	Use proper bolt length to meet min. 1/4" engagement	YES	YES	Use proper bolt length to meet min. 1/4" engagement	YES
TYPE 3 	YES		NO	YES	Use proper bolt length to meet min. 1/4" engagement	YES