

# 36 LED Upgrade Kit Installation Guide

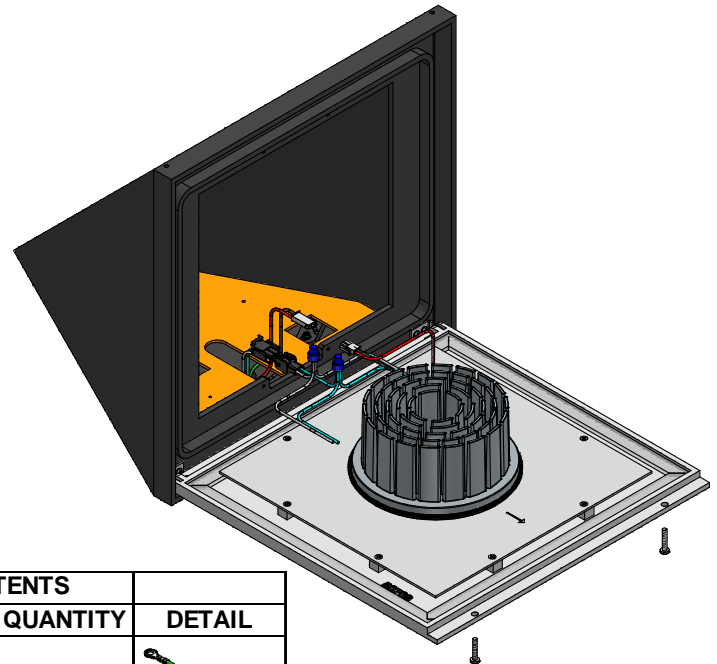
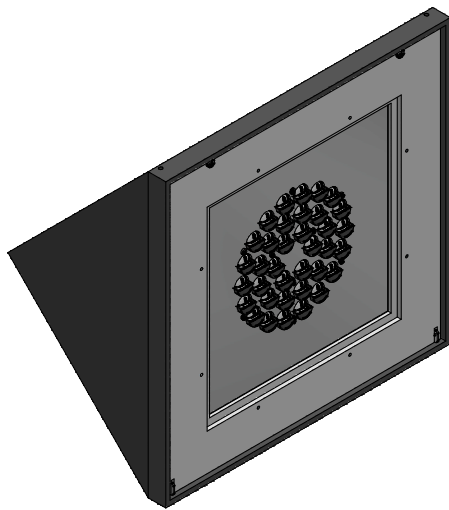
Fixture: MITRE M2



**WARNING:** Fixtures must be grounded in accordance with local codes or the National Electrical Code. Failure to do so may result in serious personal injury.

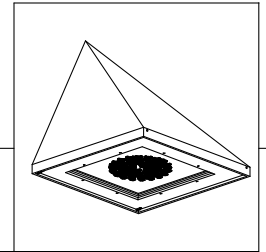
**MAINTENANCE:** A regularly scheduled maintenance program should be established to retain optimum light output and reduce heat retention. Dusting with a soft, clean, dry cloth is normally sufficient for the optics.

**CAUTION:** All wiring must be done by a qualified electrician. KEEP THIS SHEET FOR FUTURE REFERENCE.



	DESCRIPTION	TABLE OF CONTENTS		
		AAL REFERENCE #	QUANTITY	DETAIL
1	ASSY-WIRE 6IN W-TERMINAL	93049570-1W-T	1	
2	8-32 GROUND SCREW (DEROSA)	A84409	1	
3	SCR 8-32 X 1/2 PHH PHMS SS	A84023	1	
4	DRIVER ASSEMBLY (36 LED)	93046568	1	
5	1/4-20 X 1.25 BOLT	A84047	2	
6	WIRE-14GA LEAD 12in GRND SF2	A74034-12	1	
7	LED ASSEMBLY (36 LED)	93088556-M2	1	

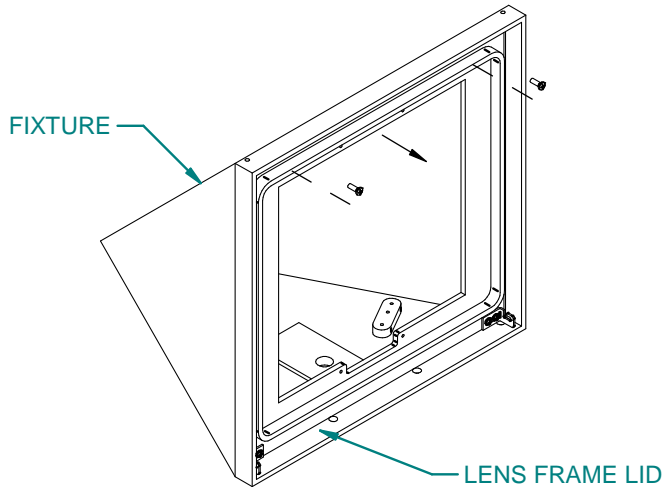
**TOOLS NEEDED:**  
PHILLIPS HEAD SCREW DRIVER  
SMALL ADJUSTABLE WRENCH



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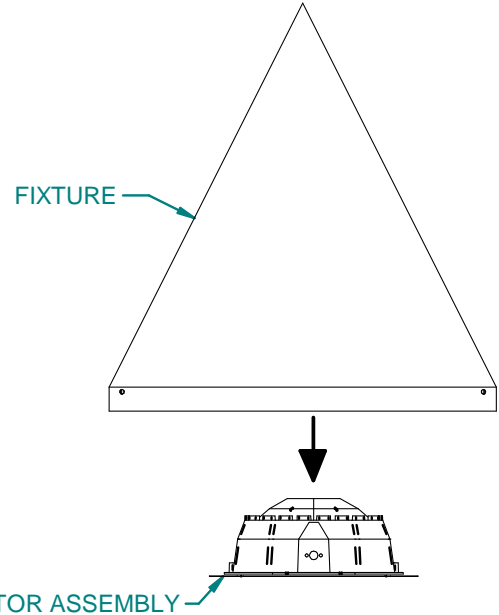
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### REMOVAL INSTRUCTIONS (FIXTURE PREPARATION)



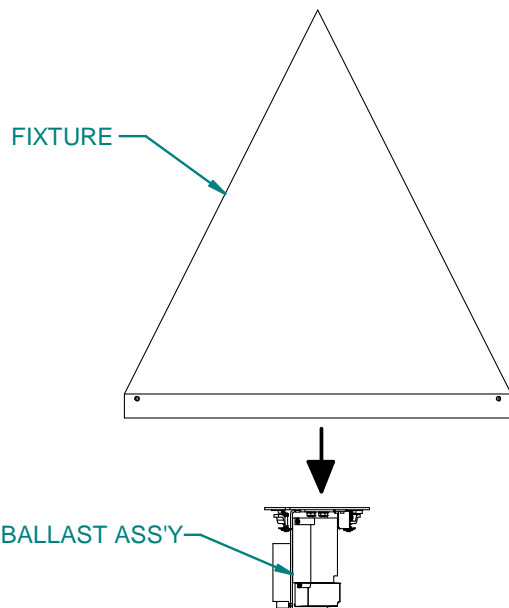
#### **STEP 1:**

1. TURN OFF POWER TO THE UNIT AND TAKE PROPER SAFETY PRECAUTIONS.
2. REMOVE (2) SCREWS TO OPEN LENS FRAME LID. SET SCREWS A SIDE, THEY WILL RE-USED.
3. REMOVE LENS FRAME LID FROM FIXTURE AND DISCARD. IT WILL NOT BE RE-USED.



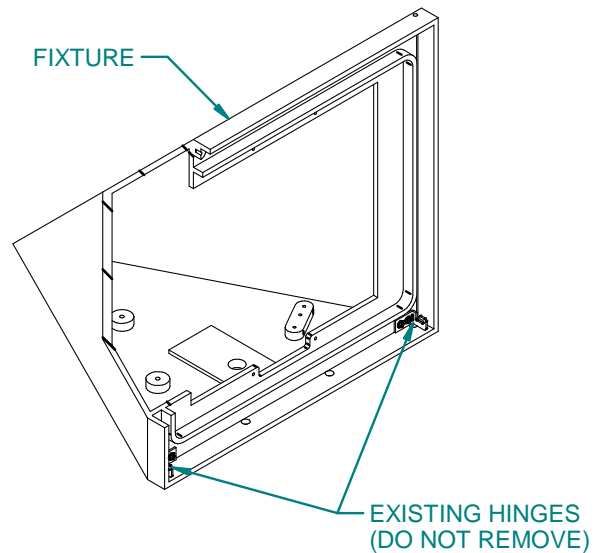
#### **STEP 2:**

1. REMOVE REFLECTOR ASSEMBLY AND ALL RELATED HARDWARE FROM FIXTURE.
2. DISCONNECT WIRE HARNESS.



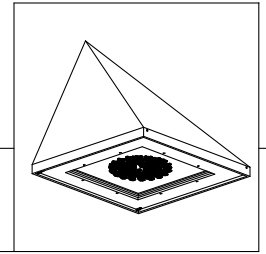
#### **STEP 3:**

1. REMOVE (2) SCREWS FROM BALLAST ASSEMBLY.
2. DISCONNECT WIRE HARNESS FROM POWER SOURCE.
3. REMOVE BALLAST ASSEMBLY AND ALL COMPONENTS.



#### **STEP 4:**

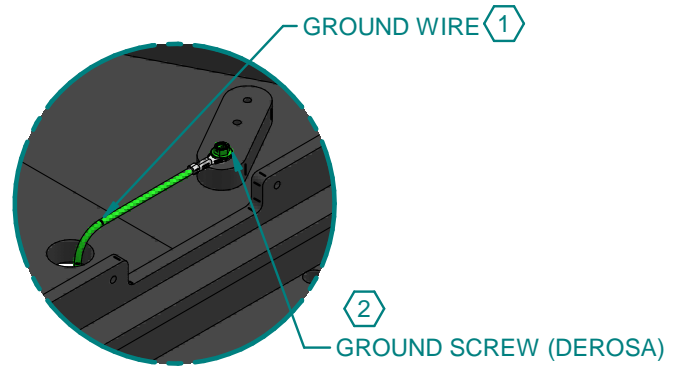
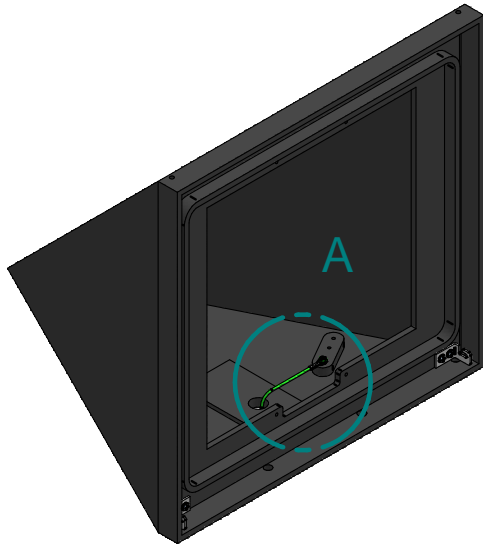
1. MAKE SURE EVERYTHING IS REMOVED FROM INSIDE OF FIXTURE. DO NOT REMOVE EXISTING HINGES.
2. MAKE SURE INSIDE OF FIXTURE IS CLEANED OF DEBRIT AND BUILDUP.



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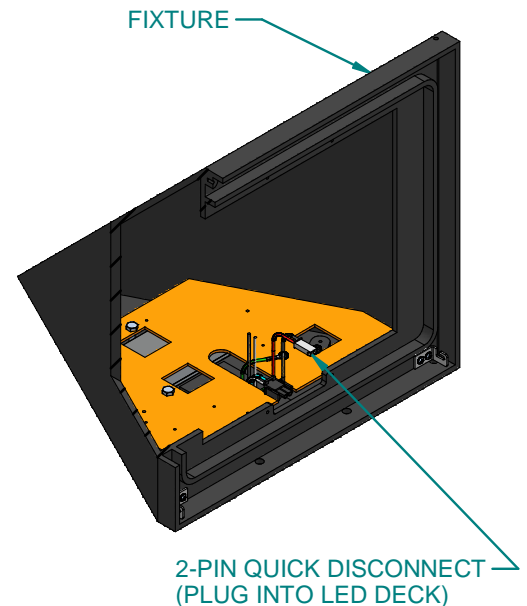
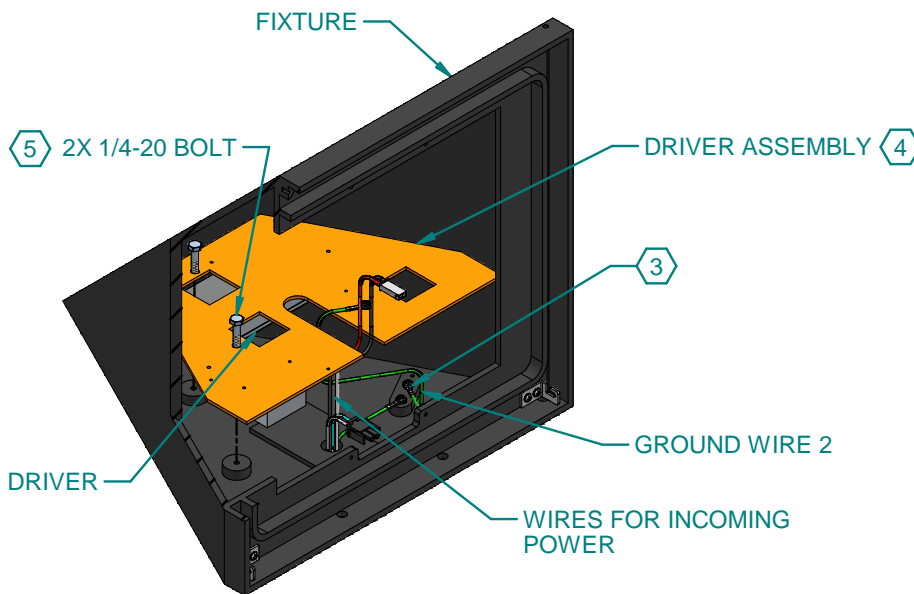
### INSTALLATION INSTRUCTIONS



DETAIL A

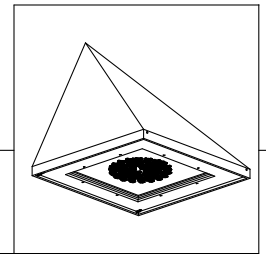
#### STEP 5:

1. ATTACH PROVIDED GROUND (GREEN 12IN) WIRE AS SHOWN USING PROVIDED (GREEN) 8-32 GROUND SCREW.
2. GROUND TO FIRST HOLE AS SHOWN AND RUN WIRE THRU HOLE IN FIXTURE.



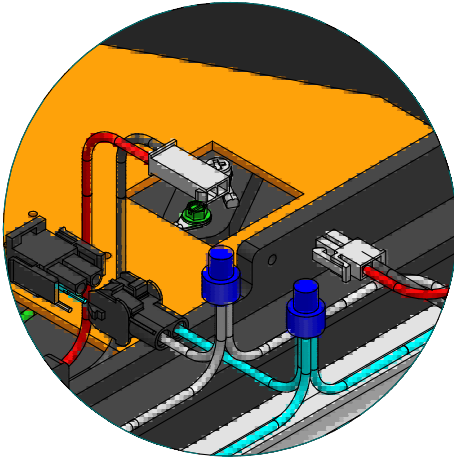
#### STEP 6:

1. BOND GROUND WIRE 2 (GREEN 6 IN) ONTO MIDDLE HOLE IN BOSS USING PROVIDED 8-32 SCREW AND CONNECT THE TWO TERMINALS AS SHOWN.
2. RUN THE BLACK AND WHITE WIRES FROM THE DRIVER ASSEMBLY THRU THE HOLE IN THE FIXTURE FOR INCOMING POWER.
3. WITH BOTH DRIVERS FACING DOWN AS SHOWN, SET IN PLACE SO THAT THE 2 HOLES IN DRIVER ASSEMBLY BRACKET ALIGN WITH THE 2 HOLES IN BOSSES ON FIXTURE.
4. BEFORE ATTACHING, MAKE SURE THAT ALL WIRES ARE BUNDLED NEATLY AND 4-PIN QUICK DISCONNECT IS EASILY ACCESSABLE.
5. ATTACH DRIVER ASSEMBLY TO FIXTURE WITH PROVIDED HARDWARE (2X 1/4-20 BOLT). MOUNT ONTO EXISTING BOSSES IN FIXTURE AS SHOWN.

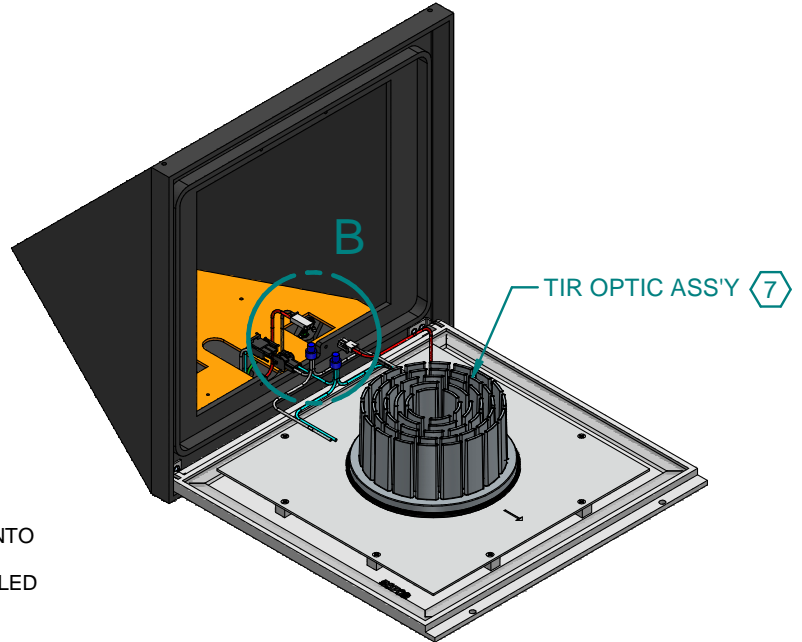


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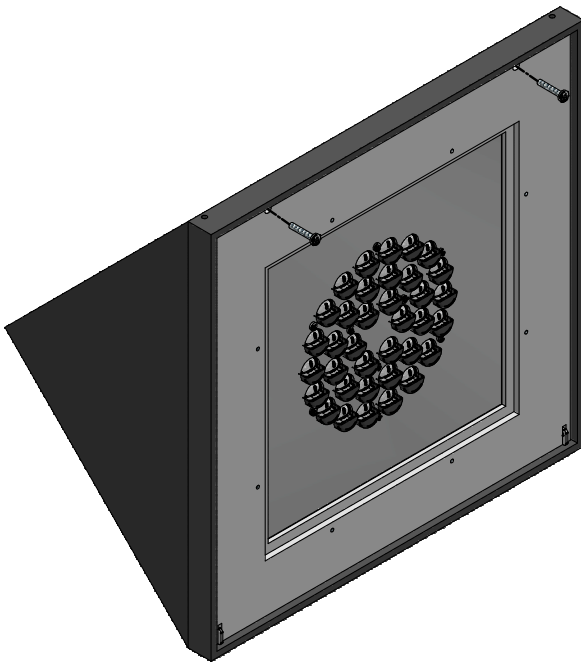


DETAIL B



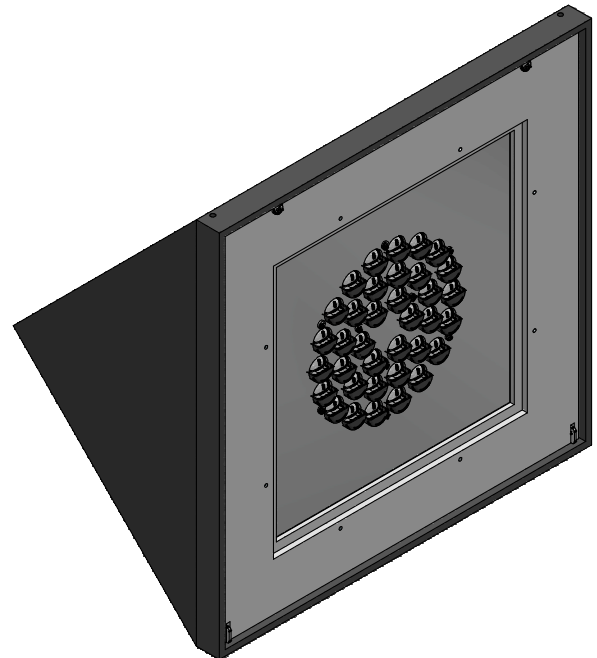
### **STEP 7:**

1. PLACE TIR OPTIC ASSEMBLY ONTO HINGES OF FIXTURE.
2. PLUG 2-PIN QUICK DISCONNECT FROM DRIVER ASSEMBLY INTO 2-PIN QUICK DISCONNECT ON THE TIR OPTIC ASSEMBLY.
3. AFTER ATTACHING, MAKE SURE THAT ALL WIRES ARE BUNDLED NEATLY AND BOTH PIN QUICK DISCONNECTS ARE EASILY ACCESSABLE.



### **STEP 8:**

1. CLOSE DOOR AND REPLACE SCREWS REMOVED IN STEP 1.



### **STEP 9:**

1. TURN ON POWER. INSTALLATION COMPLETE.