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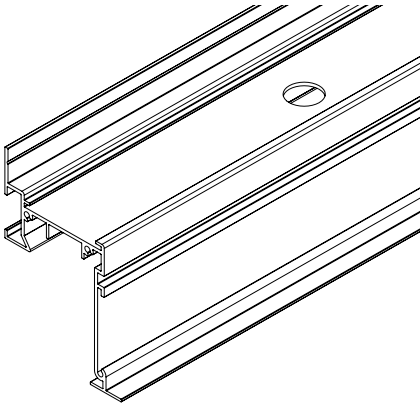
**ATTENTION: READ ALL INSTRUCTIONS ENTIRELY BEFORE INSTALLATION**

## PERIMETER RECESSED LIGHTING
GYPSUM FLANGE TRIM INSTALLATION



**FOR MODELS:**

- AMBIENT LENS
- COVE GLOW LENS
- GRAZE LENS

**ETL Listed for Indoor Use**

## CAUTION:

* GIRO is designed to use a class 2 – 24Vdc power supply only. Use of any other power source will cause damage, shorten the life of the fixture, and may void the warranty
* This fixture must be installed and wired by a licensed electrician
* JLC-Tech LLC will not be held responsible if the fixtures are not installed according to applicable codes and safety standards
* Installation is subject to local code and jurisdiction
* Keep these instructions for the person responsible for the maintenance of this installation
* Refer to product label/specification sheet for model specific wattage ratings

CE ETL 4005225 RoHS

MADE IN USA

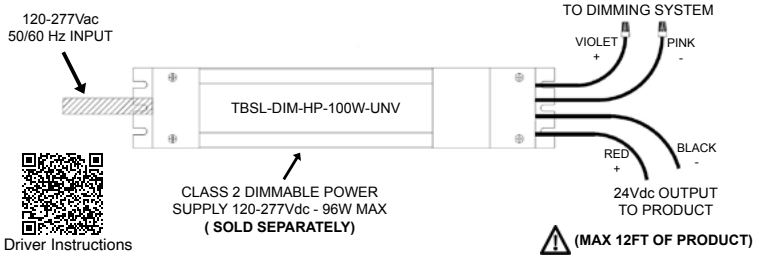
For patent information see www.jlc-tech.com/patents

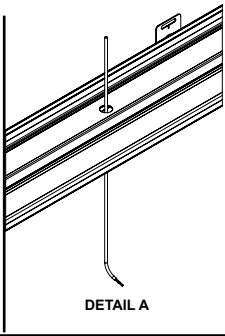
T-BAR1015 GIRO Gypsum Flange Trim Instruction Sheet Rev.02

## ELECTRICAL INSTALLATION PREPARATION OF GIRO

-INSTALL POWER SUPPLY (SOLD SEPARATELY) IN AN ACCESSIBLE LOCATION (REFER TO THE POWER SUPPLY INSTRUCTION SHEET FOR MORE INFORMATION).
-DETERMINE LOCATIONS OF GIRO IN ACCORDANCE WITH THE LIGHT LAYOUT, AND ROUTE APPROPRIATE LOW VOLTAGE CABLE (BY OTHERS) FROM THE POWER SUPPLY TO POSITIONS WHERE GIRO IS TO BE INSTALLED.

ROUTE LOW VOLTAGE WIRE THROUGH THE APPROPRIATE WIRING HOLE FOR EACH LIGHT MODULE IN THE HOUSING BEFORE GYPSUM IS INSTALLED [DETAIL A]



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## WALL PREPARATION RECOMMENDATIONS

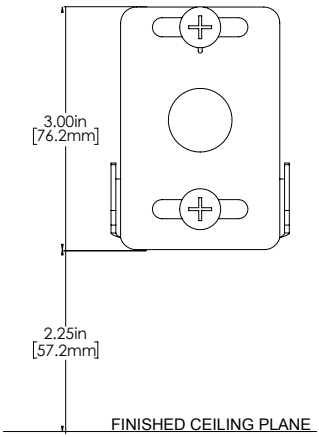
-BLOCKING OR STRUCTURAL MEMBERS RECOMMENDED BEHIND THE WALL WHERE HOUSING IS TO BE INSTALLED.
-FINISH WALL SURFACE ON ADJACENT WALLS IN WALL-TO-WALL INSTALLATIONS

## INSTALLATION OF GIRO HOUSING

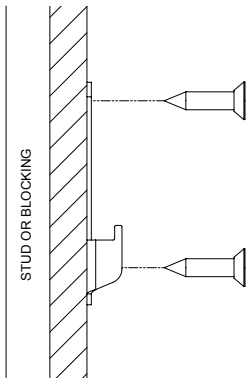
GIRO HOUSINGS MUST BE INSTALLED BEFORE THE CEILING.

GIRO HOUSINGS ARE PROVIDED IN 8FT AND 4FT LENGTHS AND ARE TO BE FIELD CUT TO THE APPROPRIATE LENGTH OR CORNER AS NEEDED. USE AN APPROPRIATE SAW WITH A NON-FERROUS METAL CUTTING BLADE

1. DRAW A REFERENCE LINE ON THE WALL 2.25in [57.2mm] ABOVE THE FINISHED CEILING PLANE. [DETAIL A] LINE UP THE BOTTOM OF THE WALL MOUNTING BRACKETS WITH THE REFERENCE LINE AND MOUNT WALL MOUNTING BRACKETS TO THE WALL USING APPROPRIATE SCREWS (BY OTHERS) INTO STRUCTURAL MEMBERS. [DETAIL B] IT IS RECOMMENDED TO USE A WALL MOUNTING BRACKET EVERY 2FT.

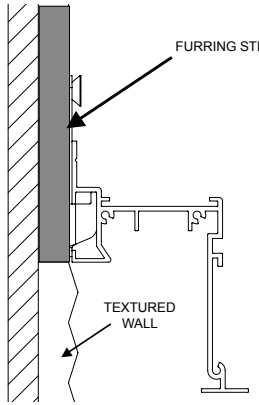



DETAIL A

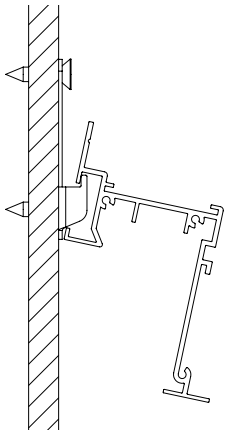



DETAIL B

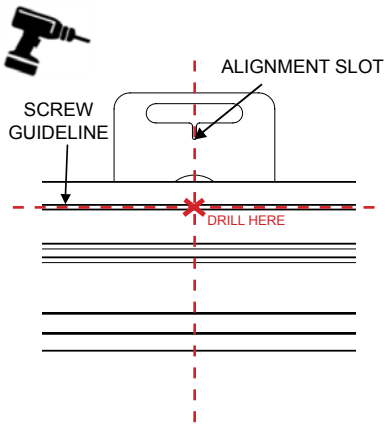
FOR TEXTURED WALLS IT IS RECOMMENDED TO FURR OUT THE WALL MOUNTING BRACKET AND HOUSING THE SAME THICKNESS OF THE TEXTURED WALL



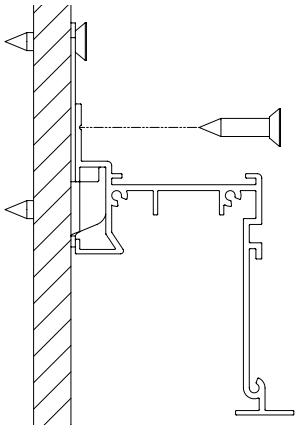

2. HANG THE HOUSING FROM THE WALL MOUNTING BRACKETS. [DETAIL A] USE THE ALIGNMENT SLOT ON THE WALL MOUNTING BRACKET AND SCREW GUIDELINE ON THE HOUSING TO DRILL A CLEARANCE HOLE THROUGH THE HOUSING. [DETAIL B] SCREW THE HOUSING TO THE WALL THROUGH THE HOLE IN THE WALL MOUNTING BRACKET. [DETAIL C]



DETAIL A




DETAIL B



DETAIL C

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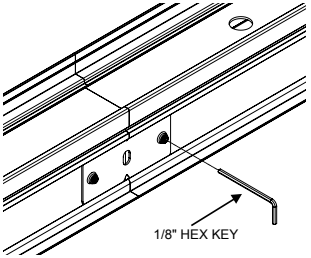
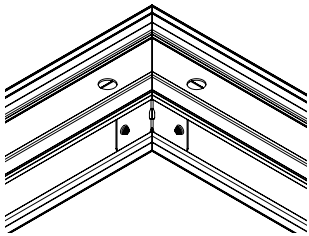
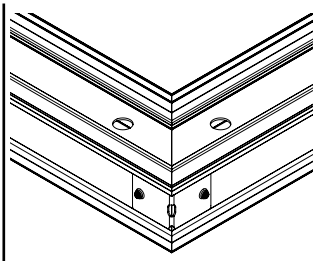
SEQUENTIALLY INSTALL HOUSING SECTIONS, FIELD CUTTING TO LENGTH OR MITERS AS NEEDED. USE A JOINER BRACKET AT THE SEEM WHERE ANY TWO HOUSINGS COME TOGETHER. A JOINER BRACKET MUST BE SLID INTO THE ACCESSORY CHANNEL ON THE HOUSING BEFORE INSTALLING THE NEXT HOUSING SECTION. THE JOINER BRACKET CAN BE PRE-BENT FOR ANY ANGLE CORNER. USE PROVIDED SET SCREWS TO SECURE THE JOINER BRACKET TO THE HOUSING. JOINER BRACKETS CAN ALSO BE USED ON TOP ACCESSORY CHANNEL IF NECESSARY.




STRAIGHT CONNECTION

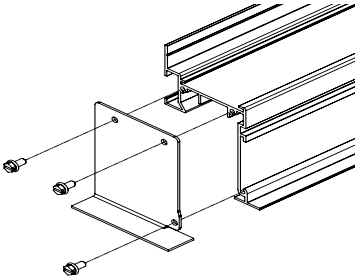


INTERNAL CORNER

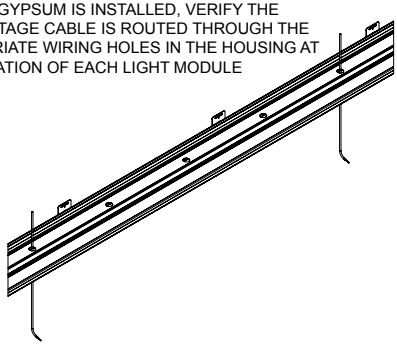


EXTERNAL CORNER

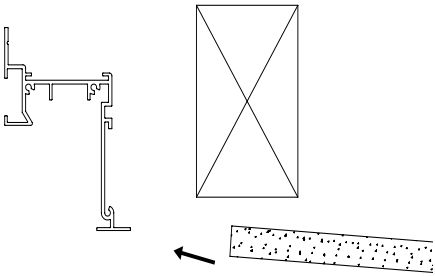
4. INSTALL END CAP WHERE REQUIRED, BY USING THE PROVIDED SELF TAPPING SCREWS. (REFER TO PROJECT SHOP DRAWING)



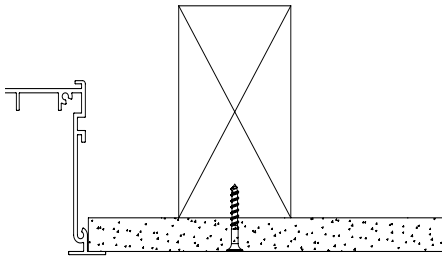
5.BEFORE GYPSUM IS INSTALLED, VERIFY THE LOW VOLTAGE CABLE IS ROUTED THROUGH THE APPROPRIATE WIRING HOLES IN THE HOUSING AT THE LOCATION OF EACH LIGHT MODULE



6. GYPSUM INSTALLATION. ONCE THE HOUSING IS INSTALLED, THE CEILING CAN BE INSTALLED INTO PLACE USING TYPICAL METHODS. DURING FINISHING OF THE CEILING, CARE SHOULD BE TAKEN TO NOT GET PLASTER OR PAINT ON THE GIRO TRIM FLANGE.

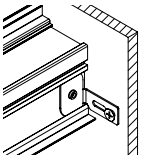


DETAIL A



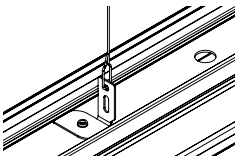
DETAIL B

OPTIONAL TWIST CLIP APPLICATIONS FOR SEISMIC AREAS



USE A TWIST CLIP TO SECURE THE HOUSING TO AN ADJACENT WALL.

USE A TWIST CLIP ON TOP OF THE HOUSING TO CREATE A TIE OFF LOCATION.



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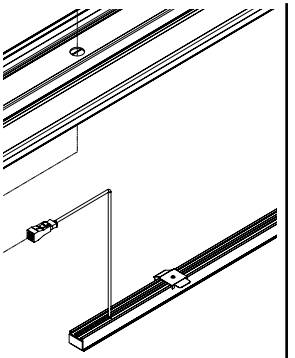
## INSTALLATION OF GIRO LIGHT MODULE

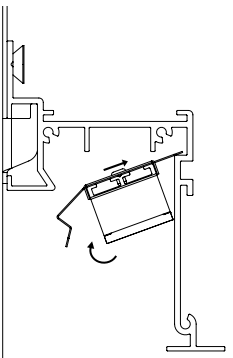
REFERENCE THE PROJECT SHOP DRAWING FOR OPTIMAL LIGHT MODULE LAYOUT

1. PAYING ATTENTION TO THE ORIENTATION OF THE LIGHT MODULE BY HAVING THE BENT SIDE OF SPRING CLIP TOWARDS THE WALL, LIFT THE LIGHT MODULE INTO POSITION IN THE HOUSING AND ROUTE THE LIGHT MODULE WIRE THROUGH THE CLOSEST WIRE HOLE IN THE HOUSING. [DETAIL A] HOUSING IS PROVIDED WITH A WIRE HOLE EVERY 12in.

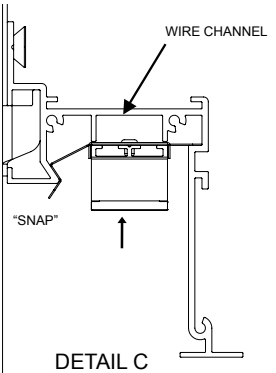
2. SQUEEZE SPRING CLIPS AND INSERT THE LIGHT MODULE INTO THE HOUSING. [DETAIL B] AS THE LIGHT MODULE IS INSERTED INTO THE HOUSING VERIFY THE WIRE IS IN THE CHANNEL AND NOT INTERFERING WITH THE LIGHT MODULE INSTALLATION. PUSH THE LIGHT MODULE UP TO ENGAGE THE SPRING CLIP AND SNAP THE LIGHT MODULE INTO PLACE. [DETAIL C]



DETAIL A



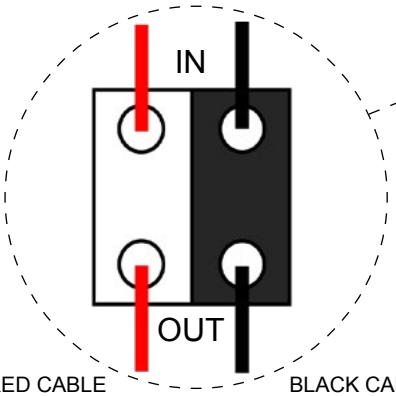
DETAIL B




DETAIL C

3. USING THE APPROPRIATE GAUGE WIRE, CONNECT THE LIGHT MODULES TOGETHER AND TO THE REMOTE POWER SUPPLY (SOLD SEPARATELY), THROUGH THE YELLOW QUICK CONNECTOR [DETAIL A] (MAX 12FT OF LIGHT MODULE PER POWER SUPPLY)

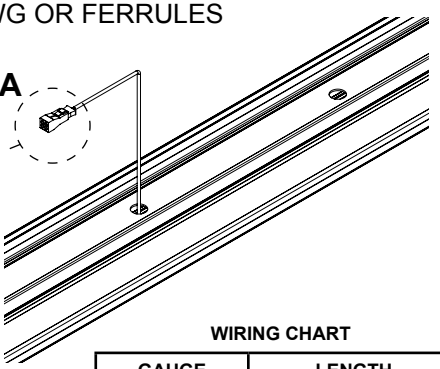
USE SOLID COPPER 18-16AWG OR FERRULES




RED CABLE
POSITIVE
+

**DETAIL A**

BLACK CABLE
NEGATIVE
-




**WIRING CHART**

| GAUGE | LENGTH |
|---|---|
| 18 (0.75mm$^2$) | 30ft (9m) maximum |
| 16 (1.50mm$^2$) | 45ft (14m) maximum |
| 14 (2.0mm$^2$) | 70ft (21m) maximum |

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