

INSTALLATION INSTRUCTIONS

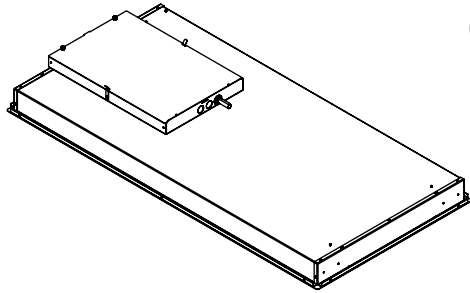
Model: **CM1881-W, CM1882-W,-T, CM1885-W, CM1886-W,-T**
Fixture Family: **HARMONY**
Document Description: Installation Instructions for
2x2 / 2x4 LED Luminaires

 **VISA LIGHTING**
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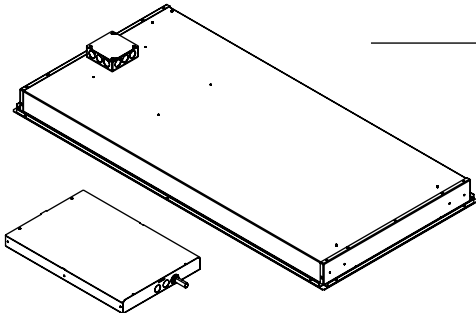
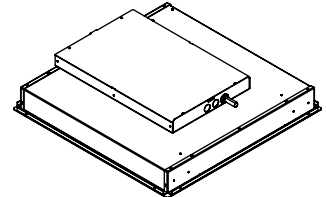
HARMONY 2X2FT & 2X4FT

MODELS:

**CM1881-W, CM1882-W,-T,
CM1885-W, CM1886-W,-T**



TMD (Top Mounted Driver)
Fixture will arrive fully
assembled with the driver box
mounted to the top of the
fixture.



RMD (Remote Mounted Driver)
The fixture housing and remote
mounted driver box will be bulk
shipped separately

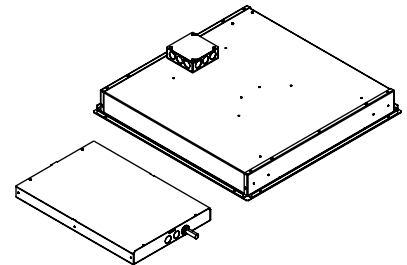


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NOTES:

1. Suitable for installation on most standard 2x2 and 2x4 T-bar grid systems.
2. For Wallboard installations - Visa Lighting recommends ordering the **RMD** remote mounted driver option in addition to the **SRI-2x2 / SRI-2x4** accessory. The Remote Driver (**RMD**) provides easy access to the remote driver compartment for driver maintenance without the need to remove fixture from the ceiling.
3. Weight: Fixture housing is 18lbs. Driver box is < 7lbs.
4. There is no headwall side to this fixture; the illumination is symmetrical. Install with either short end facing the headwall.
5. Fixture is designed to be mounted approximately 12IN from the headwall.
6. **CLEANING AND CARE INSTRUCTIONS:** Use care when cleaning this LED Luminaire. Ingress protection for fixture is from the room side only. Harmony is not sealed from the ceiling cavity.
7. The driver box must be connected to a grounded metal, permanent wiring system.
8. Driver box may be mounted on a flat surface, sideways, or upside down.
9. **CP** option will arrive with all holes and seams on the fixture plugged. Driver box cover will be gasketed.

 When using electrical equipment, basic safety precautions should always be followed, including the following:

- Read all instructions carefully before installing and save for future use.
- Make sure all connections are in accordance with the National Electrical Code and local regulations.
- To avoid possible electric shock, be sure the power supply is turned off before servicing or installing the fixture.
- Service should be performed by qualified personnel.
- These instructions may not cover all details or variations. If additional information is needed, please contact Visa Lighting.

Drawing: 762370XX

Rev: B

Sheet: 1 of 7

Eng: AJM

Date Drawn: 2/15/22

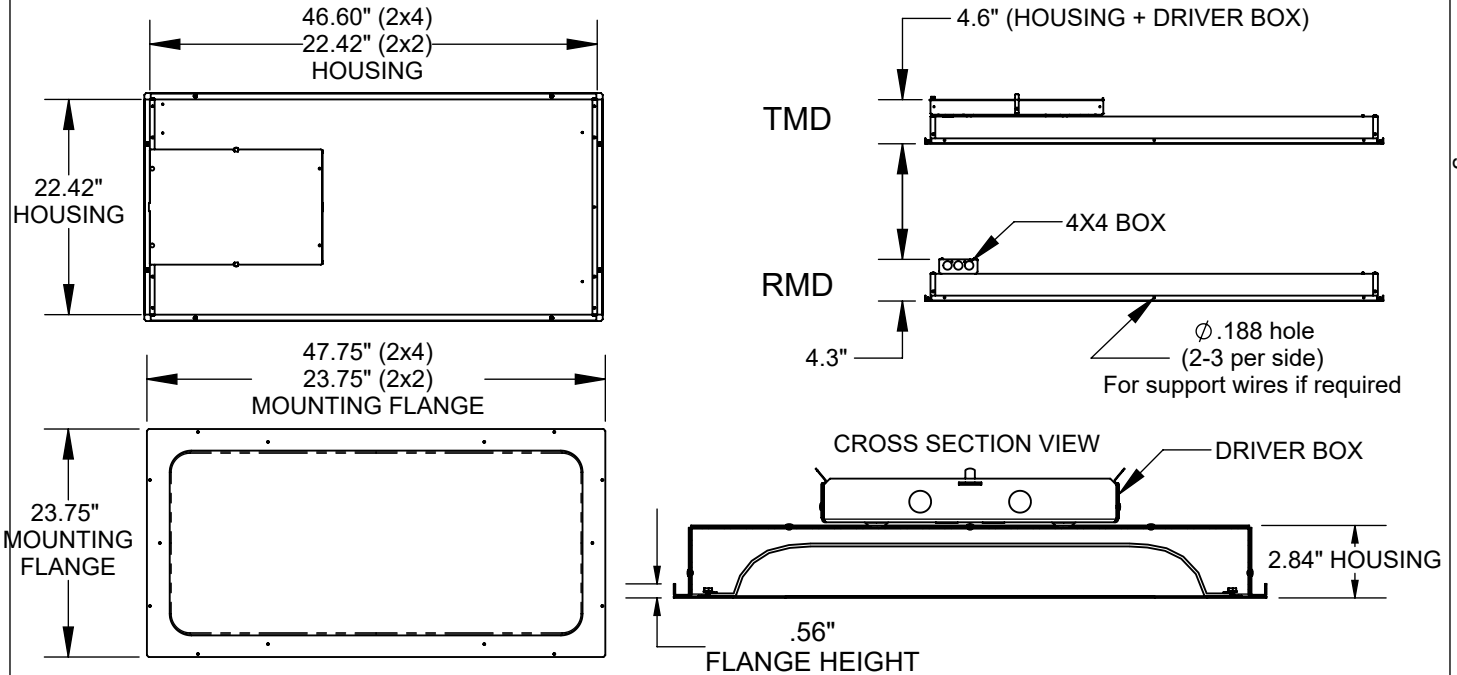
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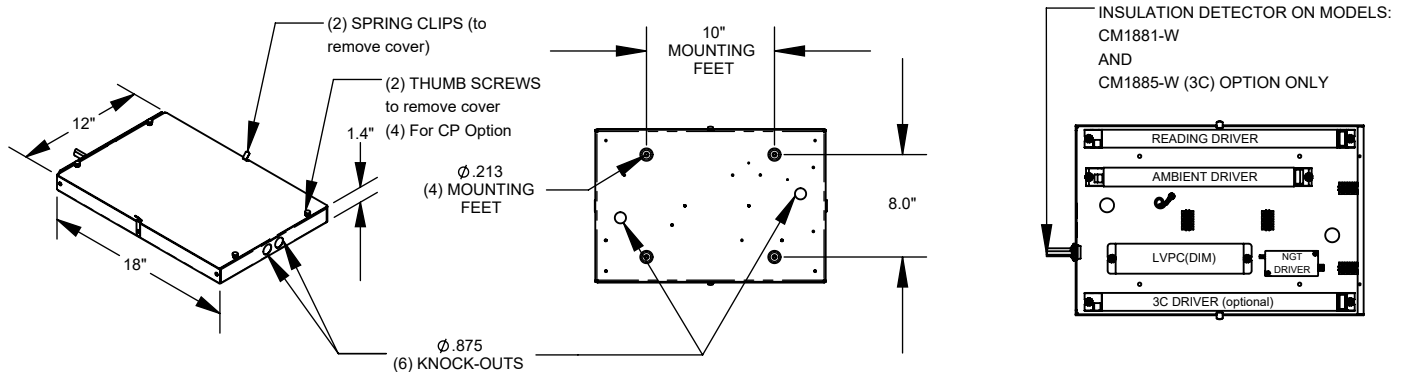
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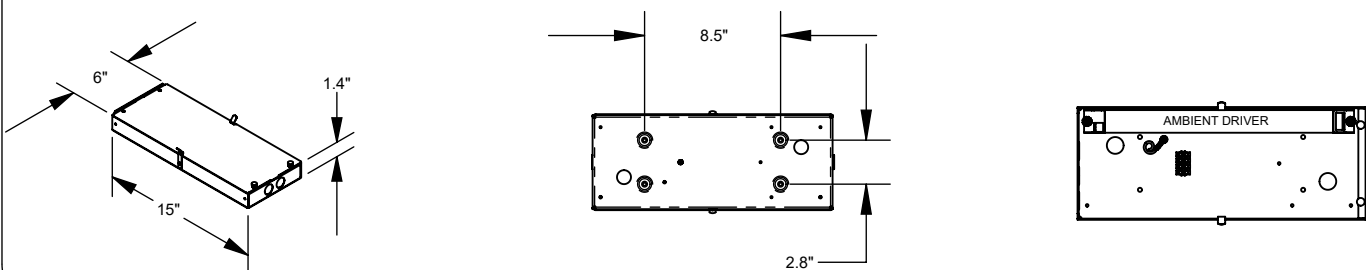
FIXTURE DIMENSIONS



DRIVER BOX DIMENSIONS (2x2 & 2x4 Overbed Models, 2X4 General Use Models)



DRIVER BOX DIMENSIONS (2x2, General Use Models)



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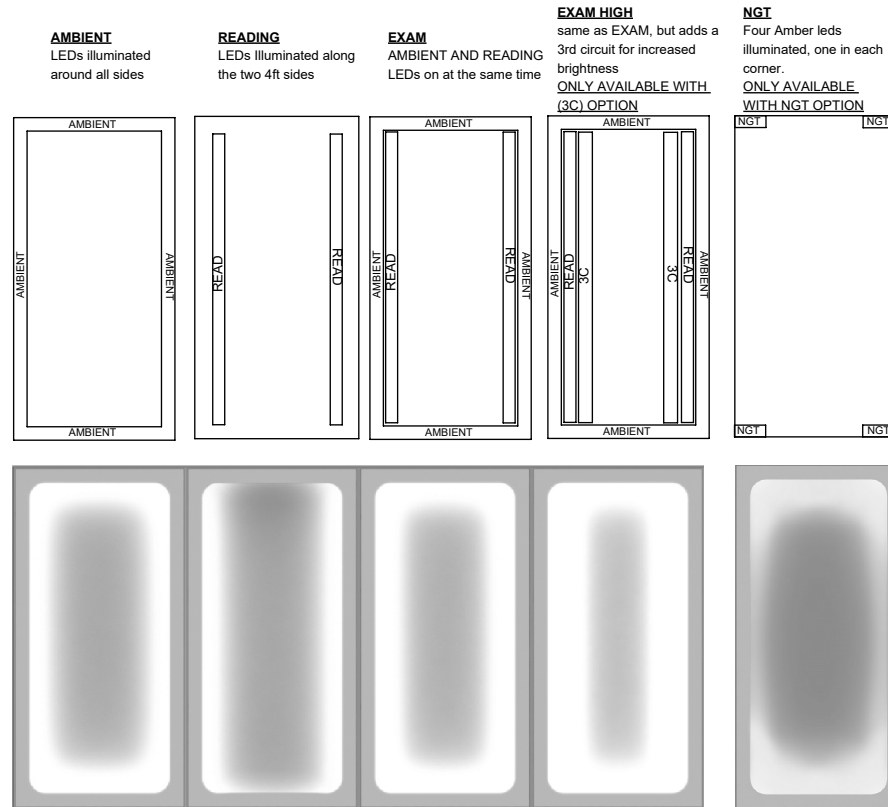
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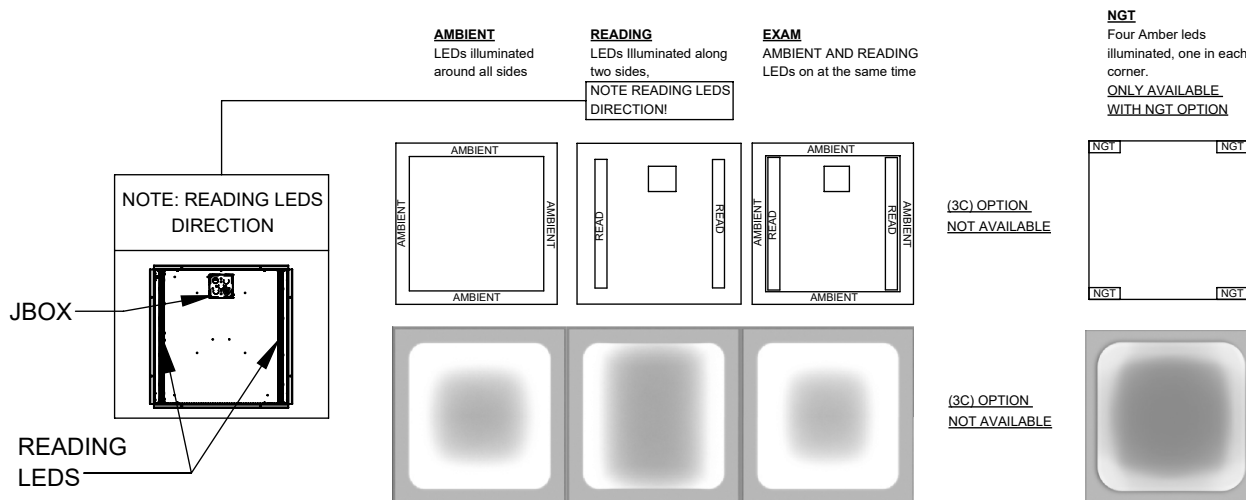
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2x4 MULTI-FUNCTION MODES (CM1885-W)



2x2 MULTI-FUNCTION MODES (CM1881-W)



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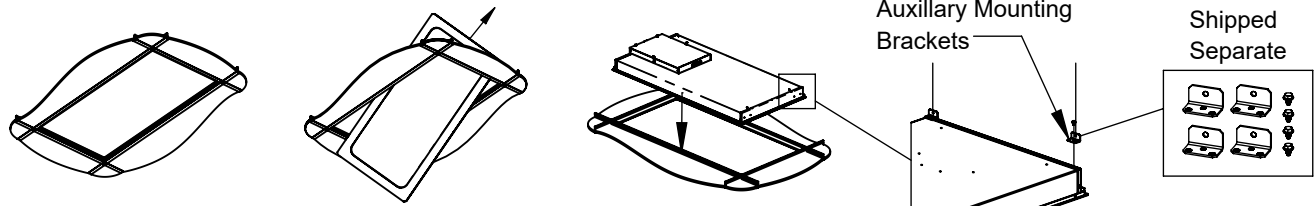
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CEILING INSTALLATION

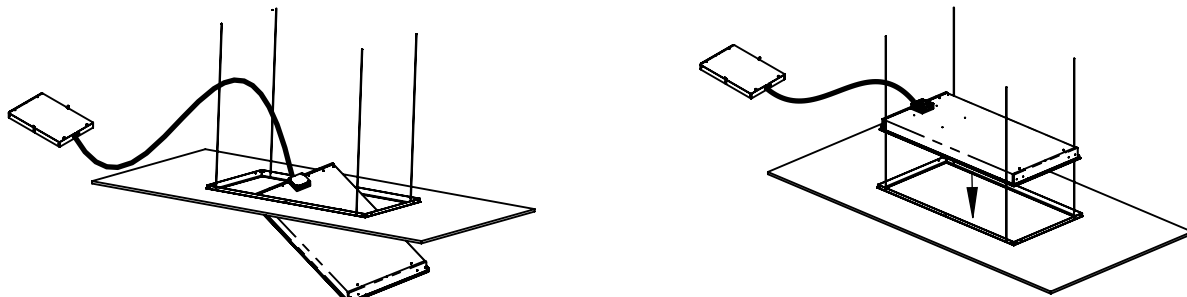
Example with 2x4 TMD and grid ceiling:

1. Lift the fixture up into the grid and drop it into place.
2. If auxillary suspension required, attach Auxillary Mounting Brackets to housing as shown.



Example with 2x4 RMD and solid ceiling:

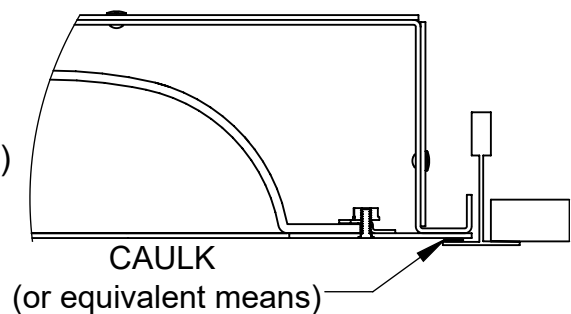
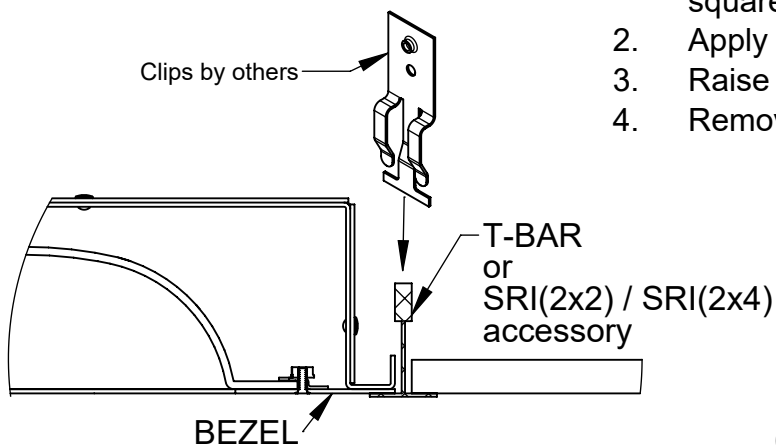
1. Install the **SRI-2x2 or SRI-2x4** accessory, see **Sheet 7**.
2. Install the driver box in an accessible location, see **Sheet 5**. Then connect the driver box to the Fixture Housing. Make sure enough slack in flexible conduit to allow lifting the fixture into the ceiling.
3. Lift the fixture up into the **SRI-2x2 or SRI-2x4** accessory and drop it into place.



Restrictive airflow installations:

1. To ensure an adequate seal between the flange and the ceiling system, it is important to have a square opening and a flat ceiling surface.
2. Apply a bead of caulk where the fixture will rest.
3. Raise fixture into opening
4. Remove excess caulk immediately!

Install locking clips as needed:



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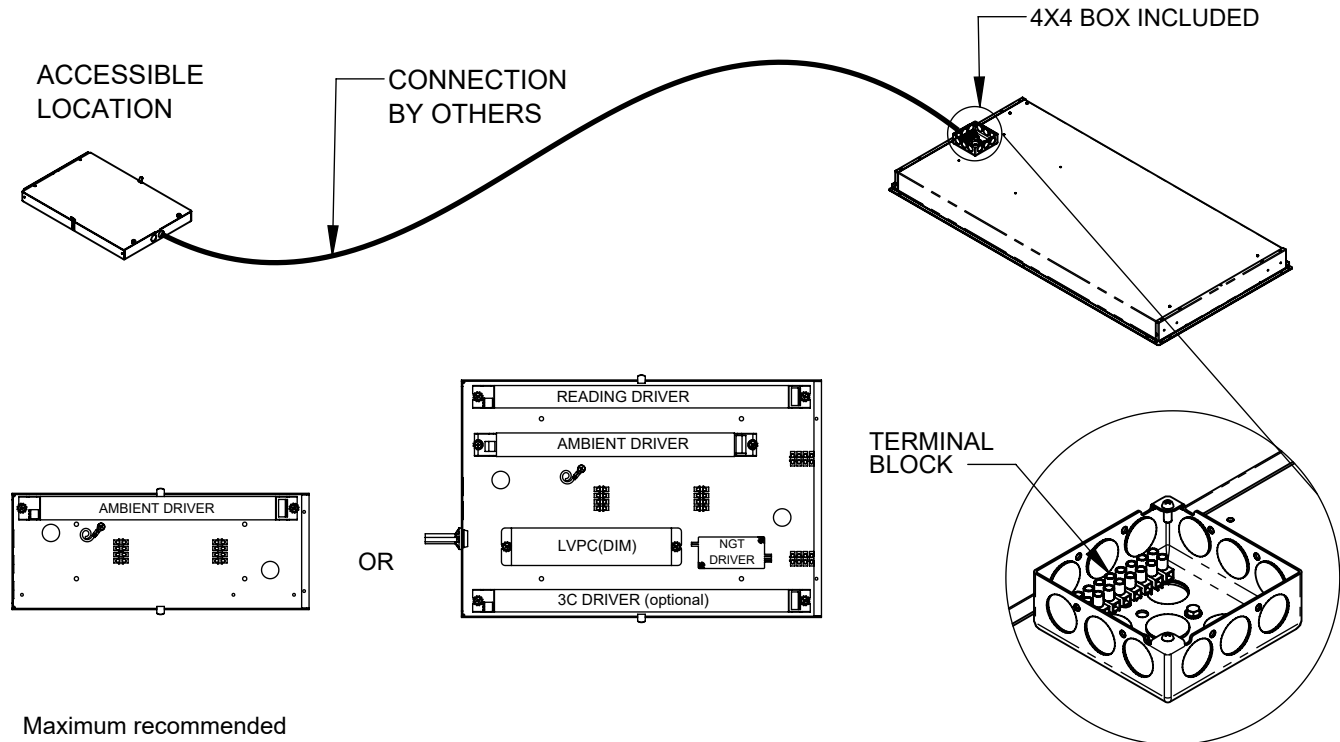
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RMD ONLY-

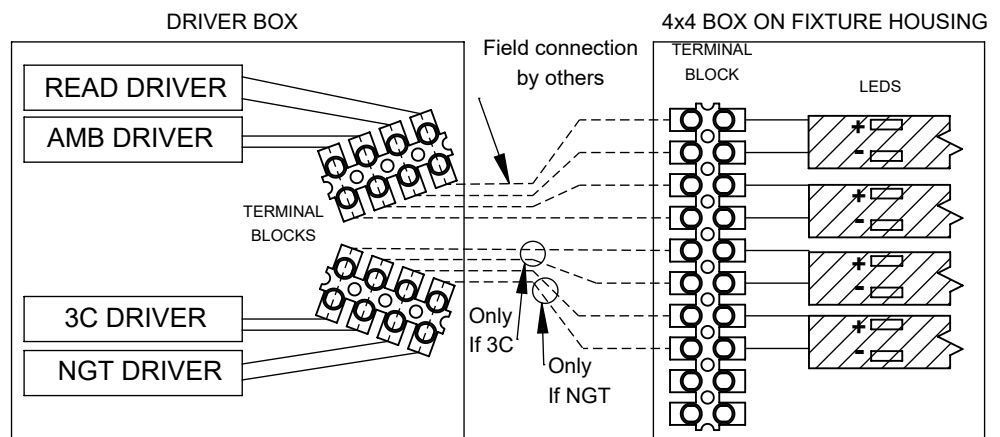
CONNECTING THE LOW VOLTAGE FIXTURE HOUSING WIRES TO THE DRIVER BOX

1. Mount the driver box in a location accessible for future maintenance. Driver box can be installed in patient room ceiling plenum or elsewhere in the facility within maximum remote distance. See maximum distances below.
2. Connection wiring and flexible conduit between driver box and fixture by others.
3. Match the wires between the terminal blocks inside the driver box and the 4x4 box on top of the fixture. Wires will be labeled.



Maximum recommended
remote wiring distance from
RMD to Fixture housing

MODEL	CM1881	CM1882	CM1885	CM1886
12AWG	100ft	100ft	100ft	100ft
14AWG	75ft	100ft	80ft	100ft
16AWG	45ft	95ft	50ft	65ft
18AWG	30ft	60ft	30ft	40ft
20AWG	15ft	35ft	20ft	25ft
22AWG	10ft	25ft	10ft	15ft



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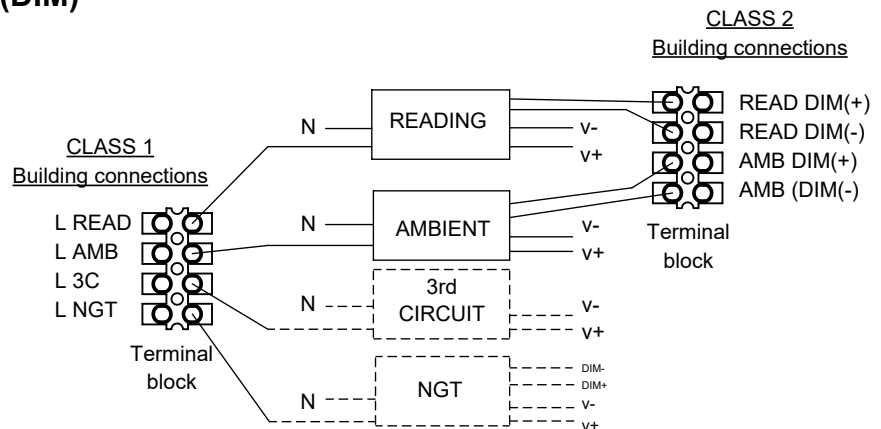
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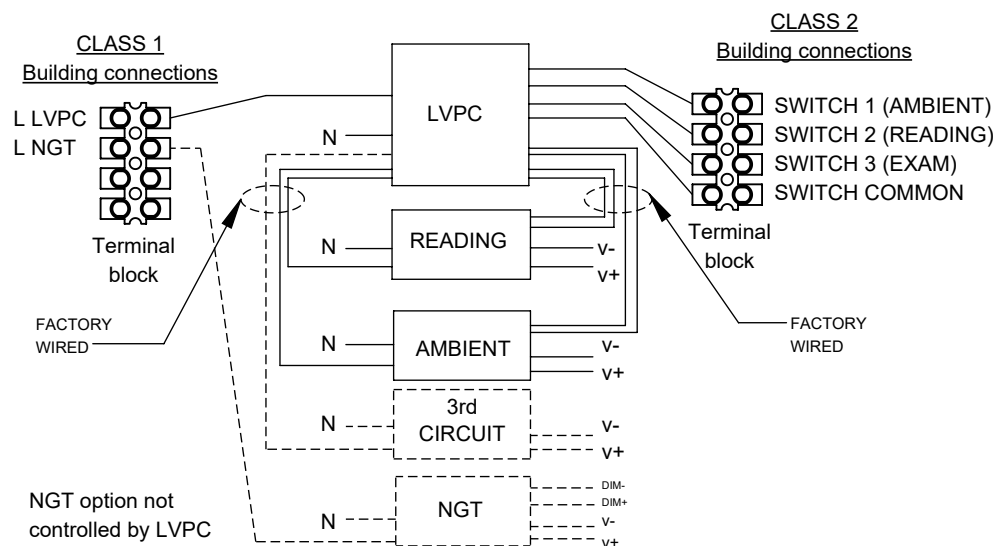
WIRE CONNECTIONS - DRIVER BOX TO BUILDING

- Multiple drivers must be energized at the same time to achieve exam light levels
 - Ambient and reading if (2C) option
 - Ambient and reading and 3rd Circuit if (3C) option
- All AC inputs to fixture must be supplied from the same branch circuit
- Patient control interface and room control interface by others
- The LVPC(DIM) (Low Voltage Patient Control) will arrive wired as shown below and set to MODE1 to turn on Reading, Ambient, and 3C (if present) all together for Exam mode.
 - See link for more information: <https://www.visalighting.com/lvpc-dim>

DRIVER BOX without the LVPC(DIM)



DRIVER BOX with LVPC(DIM)



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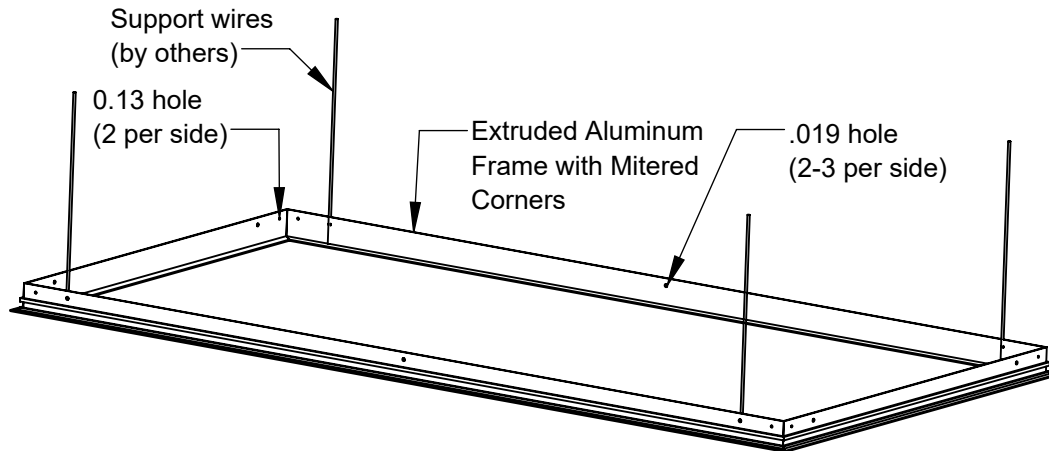


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SRI-2X2 or SRI-2X4 ACCESSORY MOUNTING

The **SRI-2X2** or **SRI-2x4** accessory enables easy installation into plaster and sheet rock ceilings by creating a simple t-bar style opening.

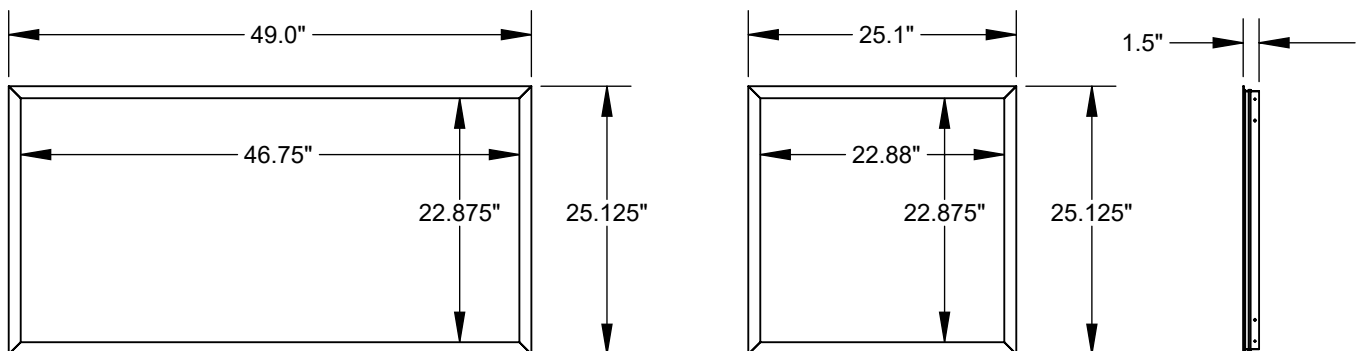


SRI-2X4

Cut the drywall opening to these dimensions:
48.37" x 24.37" + .125" Tolerance

SRI-2X2

Cut the drywall opening to these dimensions:
24.37" x 24.37" + .125" Tolerance



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