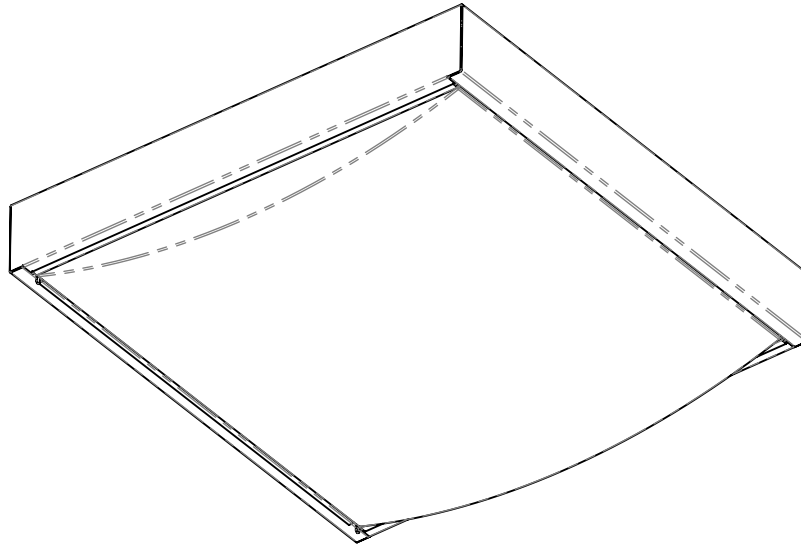


INSTALLATION INSTRUCTIONS

VISA LIGHTING
AN OLDENBURG GROUP COMPANY
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414-354-6600
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Model: **UNITY**
Fixture Family: **CEILING TANDEM RECESSED MOUNT**
Document Description: Installation Instructions for
CM1912 Series Luminaires



UNITY RECESSED MOUNT CM1912 SERIES

Drawing: 760849XX

Rev: B

Sheet: 1 of 5

Eng: PAO

Date Drawn: 12/16/10

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- 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.

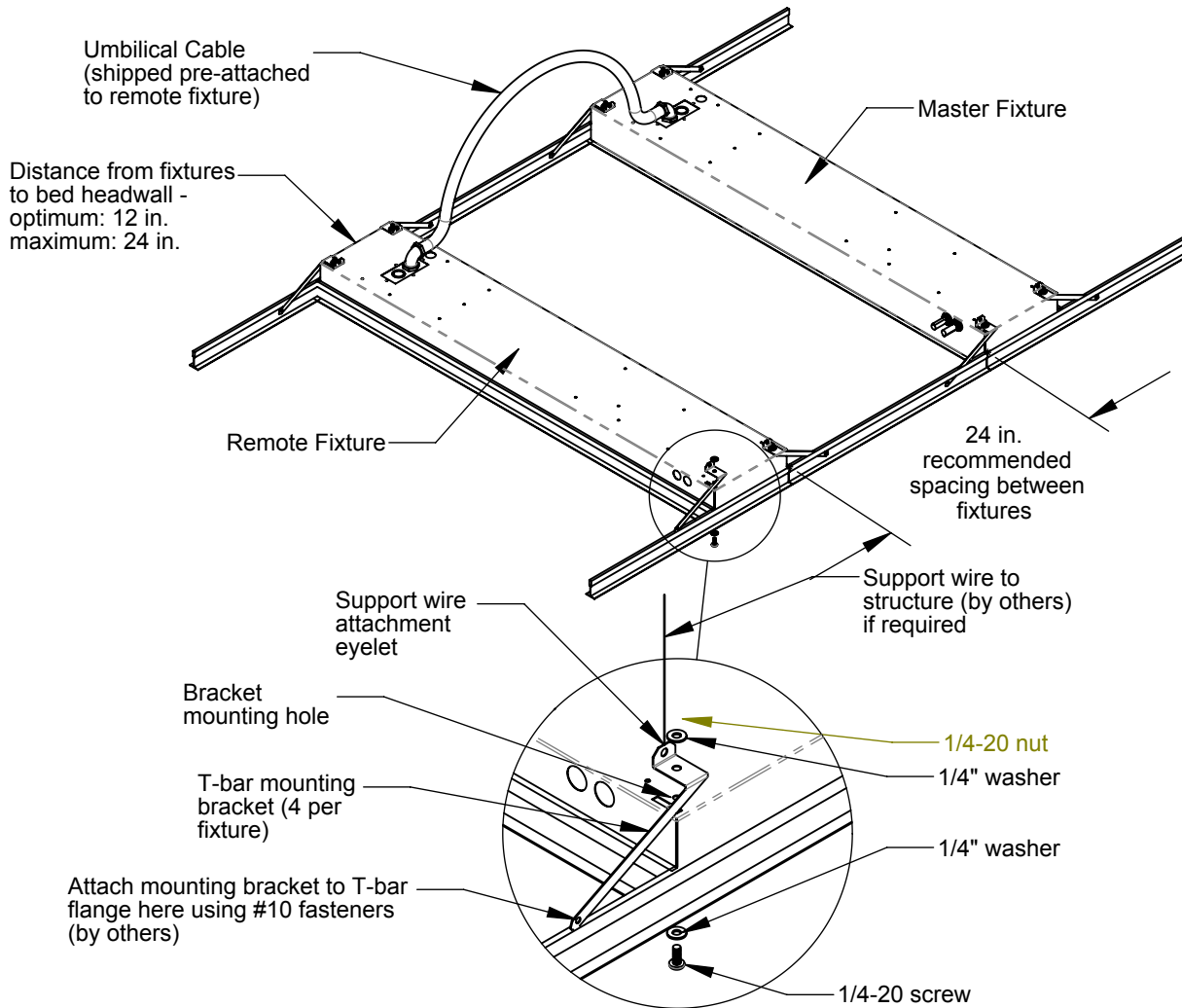
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TYPICAL GRID CEILING RECESSED FIXTURE INSTALLATION



1. Each fixture must be surrounded by standard NEMA type G T-bar flanges/grid system. Flange spacing on the "long" axis of the fixtures should be 48" nominal (standard 4-foot). Flange spacing on the "short" axis of the fixtures should be 9" center-to-center. It may be necessary to modify an existing grid installation to accommodate the fixtures.
2. Remove the lens/diffuser assembly from each fixture before attempting installation by unlatching one end. Swing frame up/out approximately 45° and un-hook hinge. Set assemblies aside and re-install as last step of installation.
3. Install the fixtures into the grid flange system by lifting the fixtures at an angle through the opening and lowering them onto the grid flanges.
4. Install T-bar mounting brackets to each of the four corners of each fixture with provided screws, nuts, and washers as shown.
5. Attach fixture to T-bar grid system at all four corners using #10 fasteners (not included) through holes in mounting brackets. It may be necessary to drill a hole in the vertical web of the T-bar grid members.
6. If required by code or weight restrictions of the ceiling grid, affix support wires from the building structure to the attachment eyelets in the mounting brackets as shown.

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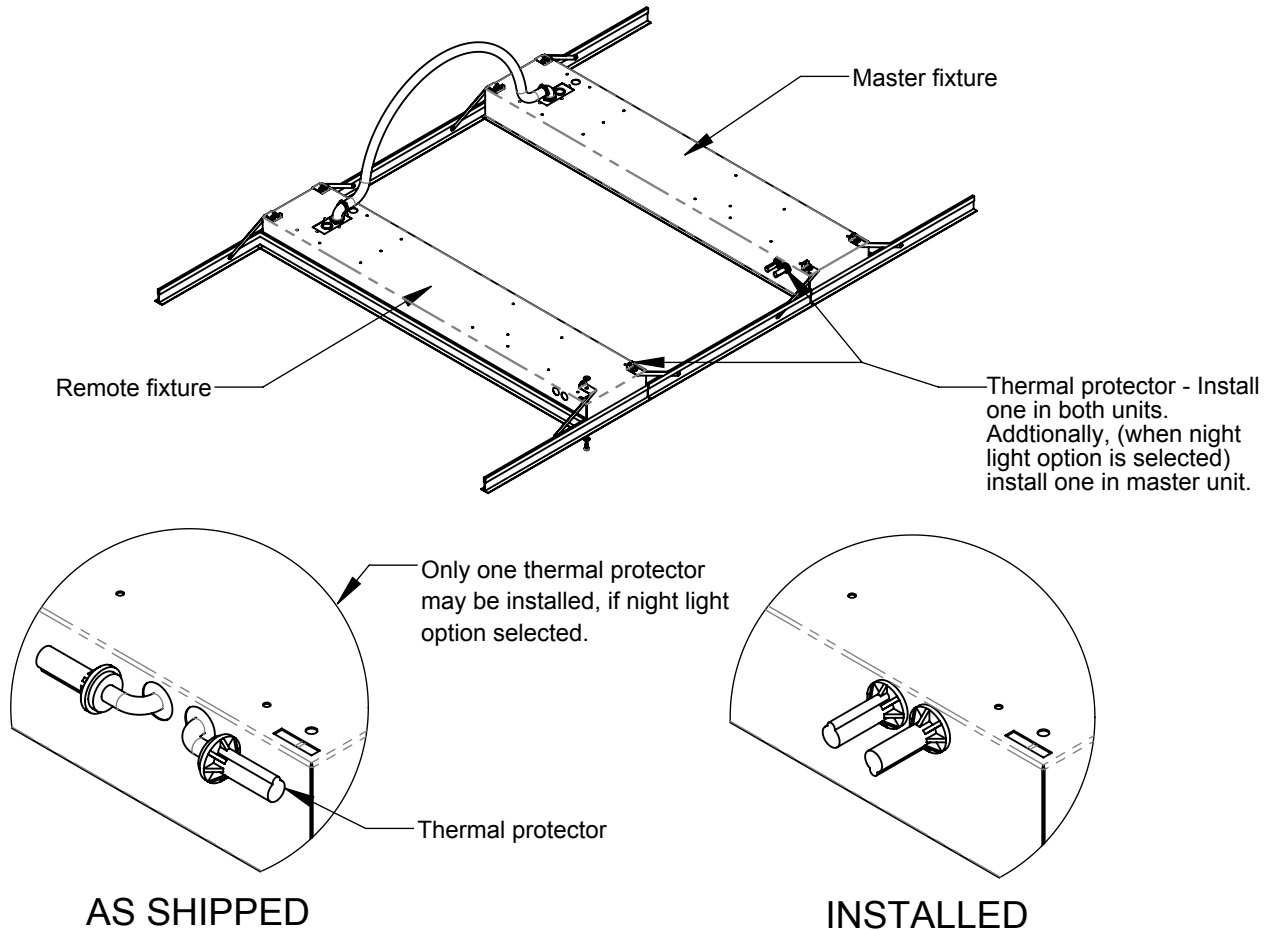
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THERMAL PROTECTOR INSTALLATION MODELS WITH -NGT AND -BSLED OPTIONS ONLY



1. Thermal protectors are pre-wired to the master fixture, if required.
2. Thermal protectors are shipped taped to the outside of the master fixture housing during shipment.
3. After installation into the T-bar grid system, remove the tape and push the thermal protector(s) into its (their) mounting hole(s) until they snap into place.
4. **CAUTION:** Thermal protectors **MUST NOT** rest on or otherwise contact the grid system after installation.

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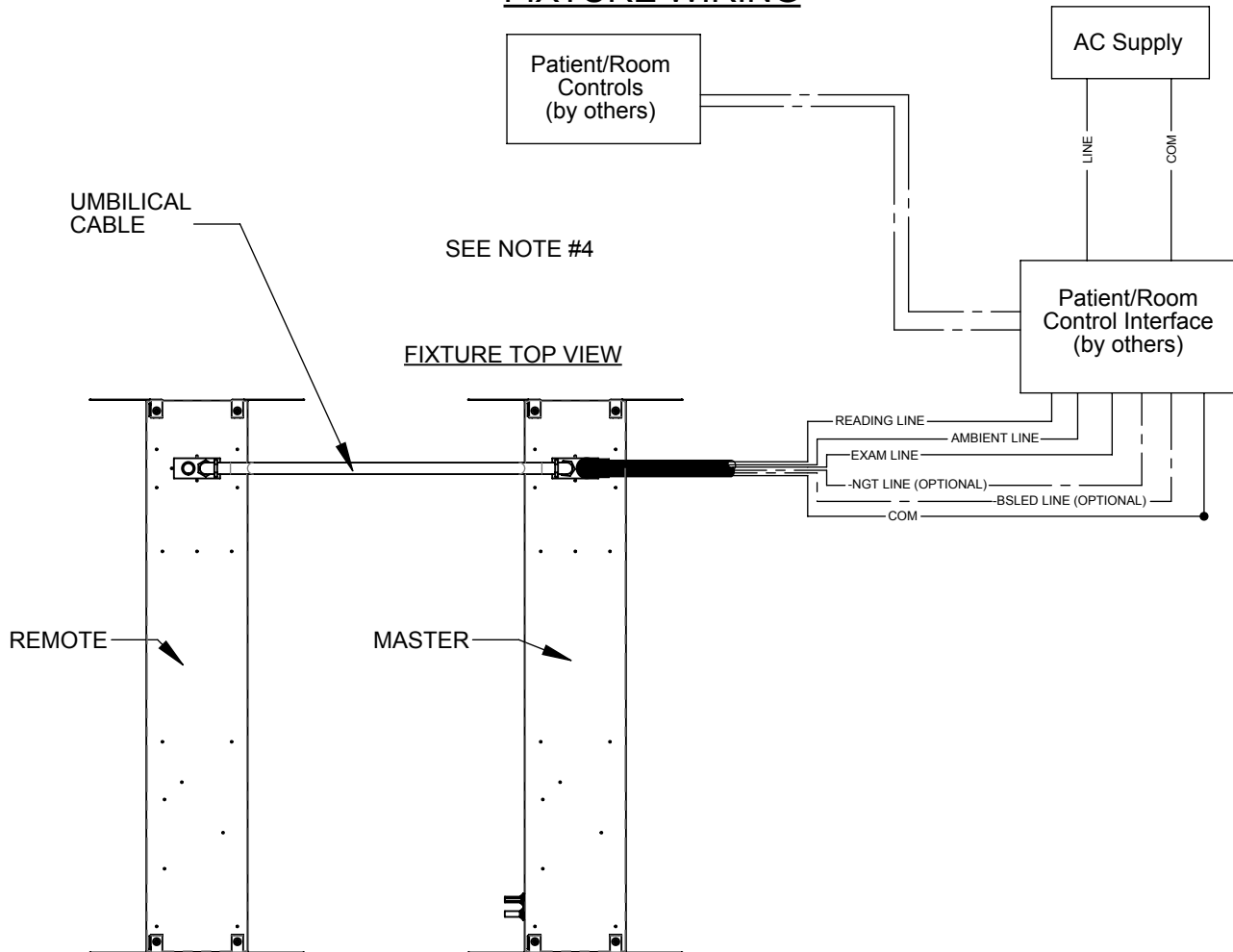
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FIXTURE WIRING



1. Install the fixtures into the T-bar grid system and install thermal protector(s) (if provided) before proceeding with the following steps.
2. Remove the wiring cover plate in the Master fixture (between the linear fluorescent and compact fluorescent lampholders) by unscrewing (4) #8 screws.
3. Install the free end of the umbilical cable from the remote fixture into the master fixture and secure the plate with supplied nuts.
4. Plug the connector(s) together inside the master fixture to complete the electrical circuits to the remote fixture.
5. Make connections to line voltage per the diagram above.
6. All connections to fixture driver are at line voltage. Use of a separate control interface (by others), is required to control fixture by means other than line-voltage switches.
7. All AC inputs to fixture must be supplied from the same branch circuit.
8. After making wiring connections, re-install the wiring cover plate in the master fixture, install lamps, and re-install lens/diffuser frames that were removed before installation in the grid system.
9. It is not recommended that optional -BSLED lighting be controllable from the patient bed, pillow speaker, or patient-accessible wall controls.
10. Ambient line and exam line must both be energized to achieve exam light levels on patient bed surface.
11. All electrical connections are made in the master fixture.

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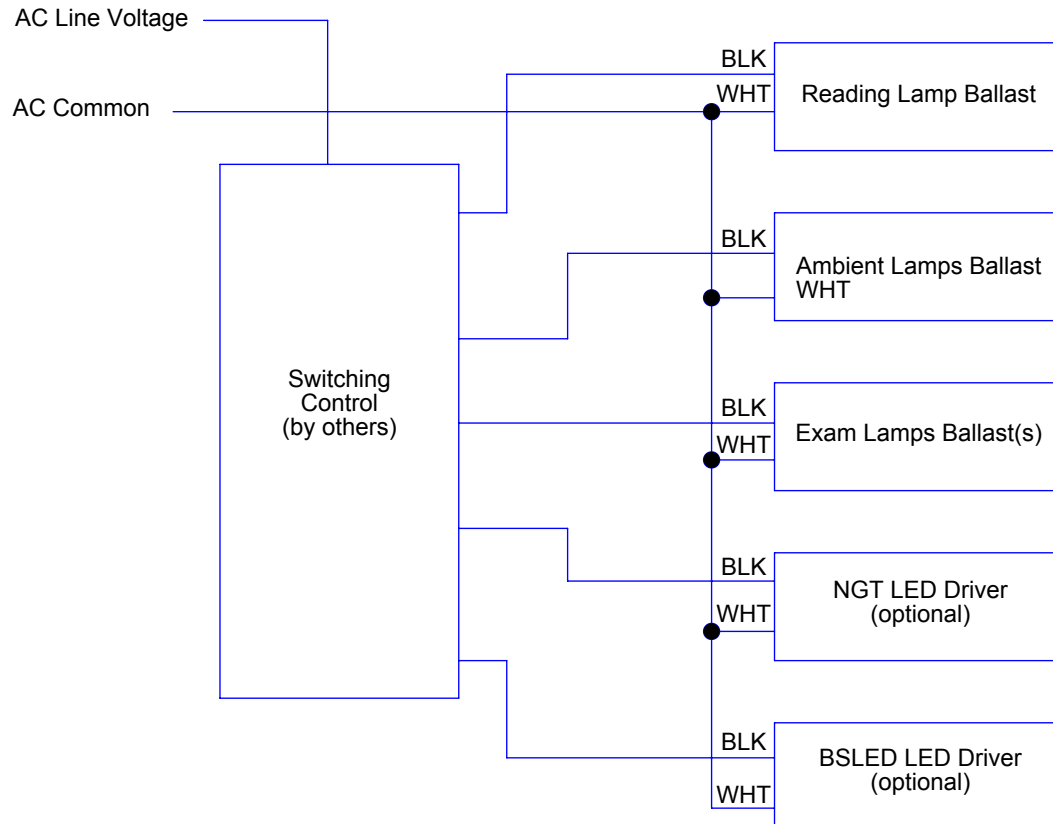
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INTERNAL WIRING BLOCK DIAGRAM



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