

NUSP DIRECT WIRE MODULE INSTALLATION INSTRUCTIONS

For use with NORA NULS Series Fluorescent Under Cabinet Fixtures

This Direct Wire Module is to be used only with NULS Series Under Cabinet Luminaires. This Module is designed to be wired using Non-Metallic Cable (NM), or Armored Cable (BX). When using Romex, proper grounding of the electrical connector must be maintained.

NOTE: ELECTRICAL CONNECTOR FOR YOUR WIRING TYPE MUST BE PURCHASED SEPARATELY.

IMPORTANT SAFETY INSTRUCTIONS

1. Read all instructions before beginning installation.
Safely store these instructions for future reference.
2. **TO BE INSTALLED BY QUALIFIED ELECTRICIANS ONLY, THE INSTALLATION MUST BE MADE IN ACCORDANCE WITH THE CURRENT EDITION OF THE NATIONAL ELECTRIC CODE AND ALL APPLICABLE STATE AND LOCAL BUILDING CODES.**
3. This module is only for use with NULS Series luminaires and accessories. Do not use this module, jumper cord or connector to provide power to other products.
4. **WARNING: WHEN MULTIPLE FIXTURES ARE CONNECTED TOGETHER, BE SURE THEY ARE CONNECTED TO BRANCH CIRCUIT AT ONLY ONE FEED POINT.**
5. **CAUTION: Do not exceed 7 AMPS maximum load.**
6. For use with 120V 60Hz power supply only. For interior use only.
7. **WARNING: DO NOT ELECTRIFY THE MODULE UNTIL THE FOLLOWING CONDITIONS HAVE BEEN MET:**
 - a. **MOUNTING AND WIRING OF MODULE IS COMPLETE.**
 - b. **THE MODULE COVER HAS BEEN REPLACED AND SCREWS SECURELY FASTENED.**
 - c. **ALL FIXTURES CONNECTED TO MODULE HAVE BEEN MOUNTED AND THEIR DIFFUSERS / LENSES HAVE BEEN PROPERLY RE-INSTALLED.**
 - d. **ALL OPEN ELECTRICAL PORTS ON MODULE AND CONNECTORS HAVE BEEN COVERED WITH ELECTRICAL PORT COVERS.**
8. **WARNING: TO PREVENT OVERHEATING, DO NOT INSTALL IN SMALL ENCLOSED SPACES. TO PREVENT ELECTRICAL SHOCK, DO NOT INSTALL IN WET ENVIRONMENTS.**
9. **DO NOT USE DIMMERS** with NULS Series Fluorescent Under Cabinet fixtures.
10. Always disconnect electrical power from this product before cleaning or putting on or taking off parts.
11. Do not operate product if jumper cord has been damaged.
12. Keep jumper cord away from sources of heat and heated surfaces.
13. Do not operate this product in environments where aerosol sprays are being used or where oxygen is being administered.

SAVE THESE INSTRUCTIONS

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NOTE: ELECTRICAL CONNECTOR FOR YOUR WIRING TYPE MUST BE PURCHASED SEPARATELY.

1. Turn off power for appropriate electrical circuit at electrical service panel.
2. Remove module cover screws and remove cover.
3. Depending on your particular application you may affix electrical connector fitting first to electrical supply (NM or BX) or affix fitting first to large hole in rear of module. In either case there should be approximately 2-1/2" of wires available for electrical connection. The end of these should be stripped 1/2". Shorten or lengthen the wire leads and strip the ends as needed.
4. For Non-Metallic Cable (NM) installations, the grounding ring must be used. The ring should be positioned inside the module and be underneath the locknut of the electrical connector fitting. Locknut must be tightened securely.
5. Pushed stripped ends of wires into hole in wire trap connectors (see WIRING DIAGRAM). Note that black supply wire goes into connector with black wire and white wire goes into connector with white wire. If grounding ring is used (as in the case with NM supply wires) twist together the bare ground wire from the NM and the ground wire from the grounding ring.
6. Tighten locknut and clamping screw(s) on electrical connector fitting securely.
7. Push excess electrical supply wire back into the wall and locate wiring module on mounting surface.
8. Affix module to underside of cabinet with screws provided. Be careful not to drive screws all the way through the cabinet bottom. If necessary, use shorter screws.
9. Replace and secure wiring module cover with supplied screws.
10. Follow installation instructions provided with under cabinet luminaires. Mount luminaires, remove electrical port cover and insert jumper cord (supplied with module) into electrical port.
11. Make sure all luminaires connected to the module have their diffusers/lenses properly installed and that all open electrical ports on the module and luminaires are safely covered with electrical port covers.
12. Restore circuit power at electrical service panel. Turn on switches on each individual luminaire.

