

# Installation Instructions

NM1-170

1" M1 LED Miniature Recessed Series

READ PRIOR TO ATTEMPTING INSTALLATION  
ALWAYS TURN OFF MAIN POWER BEFORE INSTALLATION  
INSTALLATION SHOULD BE CARRIED OUT BY YOUR LOCAL ELECTRICIAN

**⚠ WARNING** - Risk of shock. An electric current can cause painful shock or serious injury unless handled properly. For your safety, always remember to turn off power supply at the fuse or circuit breaker box before you install the fixture and ground the fixture to avoid potential electrical shocks and to ensure reliable starting.

**⚠ WARNING** - Risk of cuts. Some metal parts in the fixture may have sharp edges. To prevent cuts and scrapes, wear gloves when handling the parts.

**⚠ IMPORTANT** - This equipment is intended to be installed only by qualified personnel. The installation must be made in accordance with the current edition to the National Electric Code and all applicable state and local building codes. The final installation must be approved by the appropriate qualified electrical/building inspector(s). Improper installation may result in a fire or electrical hazard. Be sure the electrical power to the circuit has been disconnected before installing this electrical system.

**⚠ CAUTION:** Read all instructions thoroughly and turn off power before starting or modifying the installation.

This system is intended to be used with Nora Lighting's fixtures, accessories, and Class 2 12VDC LED driver (NM1-DVR12, NM1-DVR20, NM1-DVR30, NAPKED-5040HW and NAPKED-5060HW.) NM1-170 LED module is suitable for recessed Type IC, cabinet and Wet location.

NM1-DVR driver is suitable for Type IC, under-cabinet and Damp location.

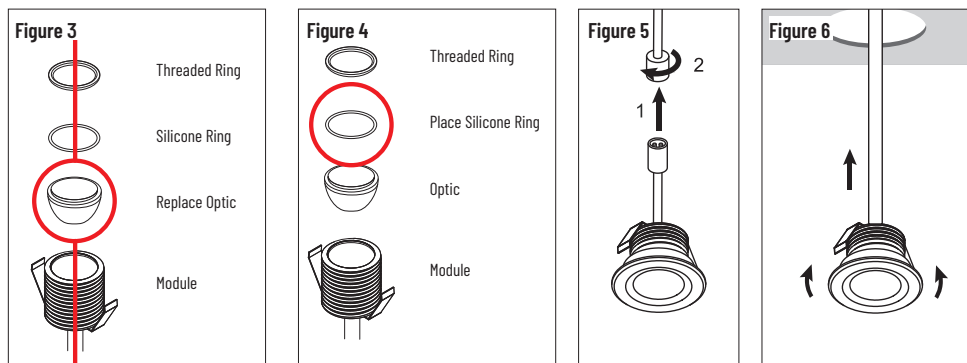
NAPKED-5040HW driver is suitable for recessed Type IC, cabinet, and Damp location.

NAPKED-5060HW driver is suitable for cabinet and Damp location.

Recommended to use 80% of the max wattage rating of power supply.

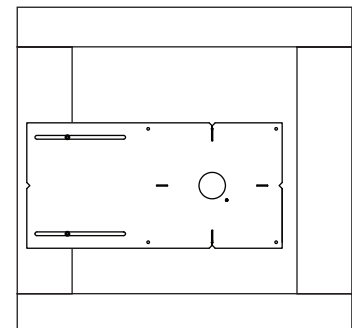
## MODULE AND TRIM INSTALLATION:

- Determine the layout of the system and distance between the remote driver box and LED module. Use quick connect extension cable accessories for custom lengths. Do not cut/modify extension cable. Warranty will be voided.
- Locate a suitable position to install the LED module and cut a 1-3/8" hole in the ceiling.  
**NOTE:** Maximum thickness of mounting surface is 3/4"
- To change the beam spread, twist and remove the threaded ring on the LED module. Replace the optic with the desired beam spread. (Figure 3)  
**NOTE:** Place the silicone ring on the edge of the optic before placing the optic inside the LED module. (Figure 4)
- Secure the threaded ring on the module.
- Twist and screw the desired trim onto the LED module.
- Connect the LED module to the driver box by inserting and twisting the male/female connectors. (Figure 5)
- Insert the LED module/trim into the ceiling cut-out to complete the installation. (Figure 6)
- Once installation is completed, turn on the power. If the fixture(s) doesn't turn on within 5 seconds, turn power off, carefully remove assembly and double check all wiring



## NEW CONSTRUCTION PLATE INSTALLATION:

- Secure new construction plate by screw to the joist. Adjust the new construction plate to appropriate location.
- Attach the connector's cap to the wire holder for easier access after mounting surface installation.
- Install the mounting surface and cut a 1 3/8" hole in the ceiling. **NOTE:** Maximum thickness of mounting surface is 3/4"



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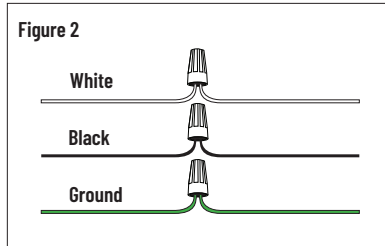
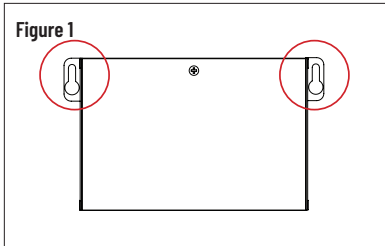
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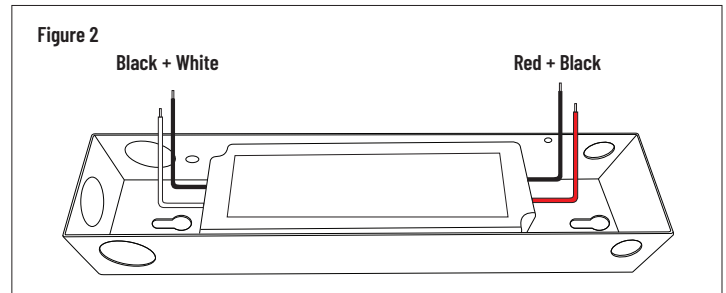
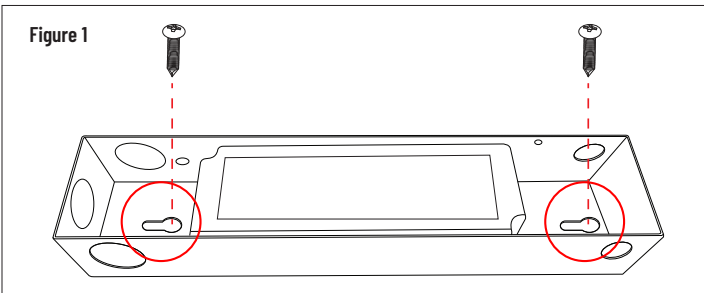
## DRIVER INSTALLATION:

1. Turn the power off before starting installation.
2. Secure remote driver box with screws (not included) through the key hole slots. (Figure 1)
3. Once secured, open the remote driver box's cover and remove the appropriate knockouts.
4. Route the power supply leads to the remote driver box. Connect line leads with white to neutral, black to live, and green to ground. (Figure 2)
5. Safely tuck and secure all wires inside the remote driver box before closing the cover



## NAPKED-5040HW / NAPKED-5060HW INSTALLATION:

1. Mount driver housing by using two screws (not included) through key hole slots. (Figure 1)
2. Attach ground wire to enclosure.
3. Connect line voltage wires to driver's black and white input leads per local electrical code. (Figure 2)
4. Remove knockout and insert the quick connect cable (supplied with NM1-TM6 and NM1-WH6) through the knockout. Connect the driver's red and black wire to the red and black wire of the quick connect cable.
5. Use the strain relief supplied to secure the quick connect cable.
6. Secure driver box cover.



FOR CABINET USE: MINIMUM COMPARTMENT DIMENSION 11.5" x 3.5" x 11.5"