Installation Instructions
NIOC-1SNG
1" lolite Can-less Square LED Downlight

**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 electric 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.

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**PACKAGING CONTENTS**

- NIOC-1SNG 1" Square Downlight Trim

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**COMPONENTS NEEDED**

- NIOC-1LED 1" LED Module
- NJCB-09 9W Driver Box

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**TRIM/MODULE INSTALLATION**

Note: LED module (NIOC-1LED) comes pre-installed with flood optic and protective film. Remove film before powering. (Figure 1)

1. Make sure power is off.
2. Change optic to desired optic, or proceed to step 4.
3. Align the pins from optic to the holes in the LED module (NIOC-1LED). (Figure 2)
4. To avoid misalignment attach trim (NIOC-1SNG) with LED module facing upward and turn clockwise to lock. (Figure 3)
5. Secure the NEC clip on the driver box (NJCB-09) to LED module. (Figure 4) **NOTE:** NEC clip required if driver box is not fastened to the ceiling

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**DRIVER INSTALLATION**

1. Make sure power is off.
2. Locate a suitable position to install luminaire and cut a 2-5/16" diameter hole in the ceiling. (Figure 1)
3. Run power supply leads through the hole. Use NM90 Romex or BX Cable.
4. Open the driver box (NJCB-09) and remove the appropriate knockouts.
5. Insert power supply leads through the knockout and secure with a cable connector. (not included)
6. Using push-in connectors, connect the same colored power supply lead wires to the driver box wires. (Figure 2)
7. Place all wiring and connections back into the driver box and close the cover.
8. Place driver box through the mounting hole and secure (Figure 3).

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**TURN OFF MAIN POWER BEFORE INSTALLATION**

1. Make sure power is off.
2. Locate a suitable position to install luminaire and cut a 2-5/16" diameter hole in the ceiling. (Figure 1)
3. Run power supply leads through the hole. Use NM90 Romex or BX Cable.
4. Open the driver box (NJCB-09) and remove the appropriate knockouts.
5. Insert power supply leads through the knockout and secure with a cable connector. (not included)
6. Using push-in connectors, connect the same colored power supply lead wires to the driver box wires. (Figure 2)
7. Place all wiring and connections back into the driver box and close the cover.
8. Place driver box through the mounting hole and secure (Figure 3).
1. Connect the LED module to the driver box by inserting and twisting the male/female connector. (Figure 1)
2. Push spring loaded clips on the fixture upwards and insert fixture base into the mounting hole. Release the clips and fixture will be pulled flush to the ceiling. (Figure 2)
3. Do not place driver box above luminaire. (Figure 3)
4. Once assembly is complete, turn on power to confirm fixture is working properly.