

# Installation Instructions

## NLOPAC-R6509T24

### 6" AC Opal - LED Surface Mount

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

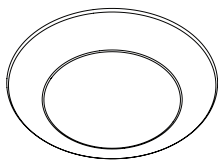
**⚠ WARNING** - Risk of fire or electric shock. LED installation kit requires knowledge of luminaire electrical system. If not qualified, do not attempt installation. Contact a qualified electrician. Install this kit only in luminaires that have the construction features and dimensions shown in the photographs and / or drawings and where the input rating does not exceed the input rating of the luminaire. To prevent wiring damage or abrasion, do not expose wiring edges of sheet metal or other sharp objects.

**⚠ WARNING** - 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.

**⚠ AVERTISSEMENT** - Cet équipement est destiné à être installé uniquement par du personnel qualifié. L'installation doit être faite en conformité avec l'édition actuelle du Code national de l'électricité et toutes étatiques et locales codes du bâtiment applicables. L'installation finale doit être approuvée par l'inspecteur en électricité / bâtiment qualifié approprié(s). Une mauvaise installation peut entraîner un incendie ou un risque électrique. Soyez sûr de la puissance électrique vers le circuit a été coupée avant l'installation de ce système électrique.



#### PACKAGING CONTENTS



(1) 6" AC Opal LED Surface Mount



(3) Wire Nuts, Twist-Lock

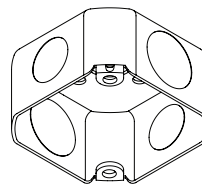


(2) 6-32 Machine Screws, 1.5" long

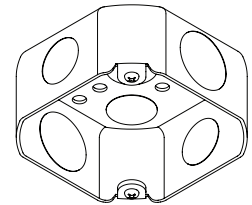


(2) 6-32 Machine Screws, 0.75" long

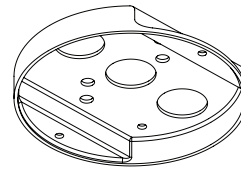
#### COMPATIBLE JUNCTION BOXES



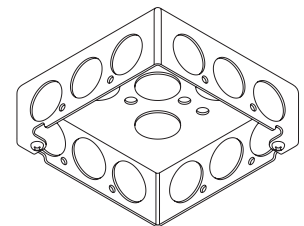
3" Octagonal Junction Box



4" Octagonal Junction Box



4" Pancake Junction Box



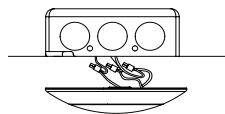
4" Square Junction Box

#### JUNCTION BOX INSTALLATION

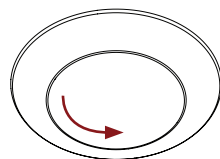
##### ⚠ TURN OFF MAIN POWER BEFORE INSTALLATION

1. Connect the luminaire to supply wires with wire nuts (included) (Figure 1)
2. Remove lens by turning counter clockwise to unlock (Figure 2)
3. Safely place all wires into the junction box and remove the appropriate label to prepare for installation.  
**NOTE: DO NOT REMOVE ALL LABELS. REMOVING ALL LABELS WILL ALLOW UNWANTED DEBRIS INSIDE THE LUMINAIRE.**
4. Mount luminaire to the junction box (bracket ordered separately, if needed: NLOPAC-4BKT-2) and screws through the keyhole slots. (Figure 3)
5. Replace lens and twist clockwise to lock (Figure 4)

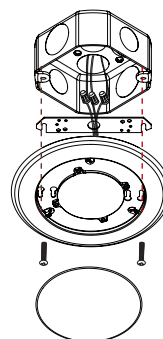
**⚠ IMPORTANT:** Should mounting holes not line up with hole(s) in junction box, secure the Opal to the ceiling material using compatible screws making sure to completely cover junction box.



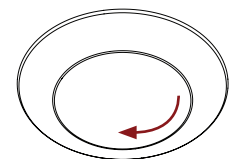
**Figure 1**  
Connect wires.



**Figure 2**  
Remove lens by turning counter clockwise to unlock.



**Figure 3**  
Mount luminaire to junction box with screws.



**Figure 4**  
Replace lens and twist clockwise to lock.

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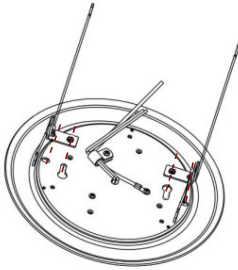
READ PRIOR TO ATTEMPTING INSTALLATION  
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## RETROFIT INSTALLATION (REQUIRES NLOPAC-56RECKIT - ORDERED SEPARATELY)

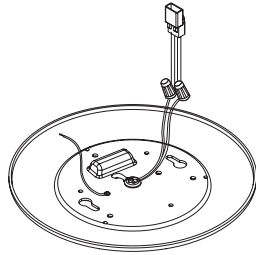
### ⚠️ TURN OFF MAIN POWER BEFORE INSTALLATION

1. Examine all parts that are not intended to be replaced by the retrofit kit for damage and replace any damage parts prior to the installation of the luminaire
2. Verify the recessed housing accepts torsion springs and meets minimum housing dimensions (5" housing: 5.3" diameter x 6" height or 6" housing: 6" diameter x 5.5" height)
3. Remove luminaire's lens by turning counter clockwise to unlock
4. Affix torsion springs to luminaire with screws (included with NLOPAC-56RECKIT - Figure 5)
5. Connect luminaire to female connector with wire nuts (included - Figure 6)
6. Screw in retrofit adapter into medium base socket (Figure 7)
7. Connect luminaire to retrofit adapter, squeeze both torsion springs together and insert the torsion springs to the housing (Figure 8)
8. Safely place all wires into the housing and carefully push the luminaire into the housing
9. Replace lens and twist clockwise to lock

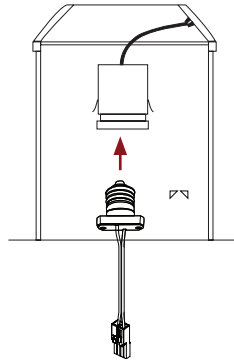
REQUIRES: NLOPAC-56RECKIT (Ordered Separately)



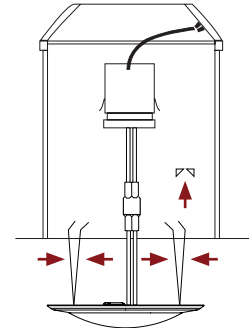
**Figure 5**  
Attach torsion springs



**Figure 6**  
Connect luminaire to female connector



**Figure 7**  
Screw in retrofit adapter into socket



**Figure 8**  
Connect luminaire to retrofit adapter  
and attach torsion springs