

Installation Instruction

Packaging contents:

LED Retrofit kit: 1pcs

Installation Instruction: 1pcs

Friction bracket: 2pcs

E26 lamp base: 1pcs

Remot: 1pcs

WARNING

WARNING – Risk of fire or electric shock. LED Retrofit Kit installation requires knowledge of luminaires electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician.

WARNING – Risk of fire or electric shock. Install this kit only in the luminaires that have the construction features and dimensions shown in the photographs and/or drawings and where the input rating of the retrofit kit does not exceed the input rating of the luminaire.

Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.

WARNING – To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.

WARNING – This device is not intended for use with emergency exits.

WARNING- DO NOT USE WITH STANDARD DIMMERS

WARNING- -SUITABLE FOR WET LOCATIONS

Federal Communications Commission (FCC) Interference Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

The grantee is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. Such modifications could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device,

pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of 20 cm between the radiator and your body.

Only use the control provided with the instruction to control this lamp. This lamp will not operate properly when connected to a standard dimmer or dimming control

The product is intended to retrofit Type IC or Type non-IC recessed mount Listed luminaires that use one lamp with or without a diffuser. The minimum lamp compartment dimensions are tabulated below:

Lamp compartment of Luminaire, overall dimensions, mm	Diameter	189.5
	Height	70

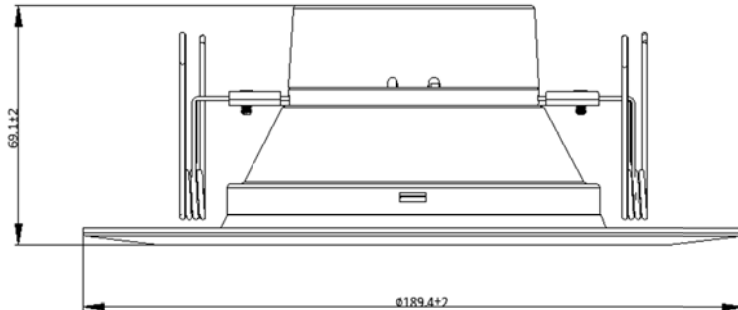
Electrical parameters:

Model NO.	Input voltage(V)	Frequency(Hz)	Input wattage(W)	Input Current(mA)
NS01RA13FR1-25zx	120	60	13	

* x replaced by one digital numbers range 1 to 9 to denote different package style; z replaced by one digital numbers 8/9 to denote different CRI

Product size:

Unit: mm



Installation steps:

STEP1:

Disconnect power before servicing. Remove the existing bulb or remove the existing trim if necessary.

***Tips: For the shallow housing**

- Remove the adjustable socket bracket to assure enough space for the fixture (as shown in **How to adjust shallow housing socket bracket**).
- Change the torsion springs into the friction brackets (as shown in **How to change the torsion springs into friction brackets**) before installing the LED Retrofit kit into the shallow housing.

STEP2:

As shown in Figure 1

Twist the lamp base into the socket. Connect the lamp base to LED Retrofit kit by connector.

***Tips: Chang the torsion springs into friction brackets if necessary before connect the lamp base and LED Retrofit** (as shown in **How to change the torsion springs into friction brackets**).

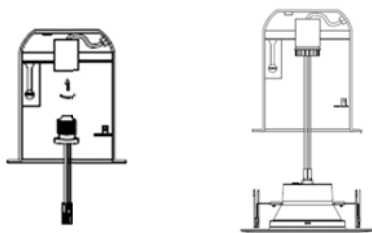


Figure 1

STEP3:

Arrange the ends of torsion spring inside the lamp holder bayonet or put the friction brackets into the housing (as shown in Figure 2).

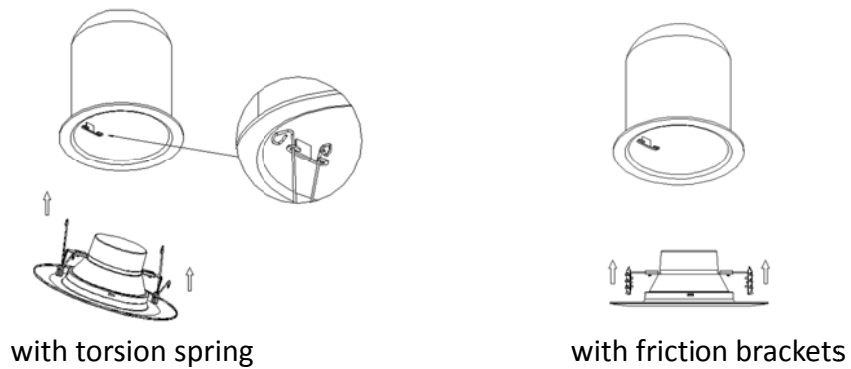


Figure 2

STEP5:

As shown in Figure 3.

Push the LED Retrofit kit into the housing until its outer edge is flush against the ceiling surface.



Figure 3

STEP6:

Complete the installation and turn on the power supply.

STEP7:

Use the remote to connect the downlight (as shown in **User Guide-4 key remote controller-Operation**).

***How to adjust shallow housing socket bracket**

Step1:

Remove the rotary knob by rotating and then take out the adjustable socket bracket (as shown in Figure 5).

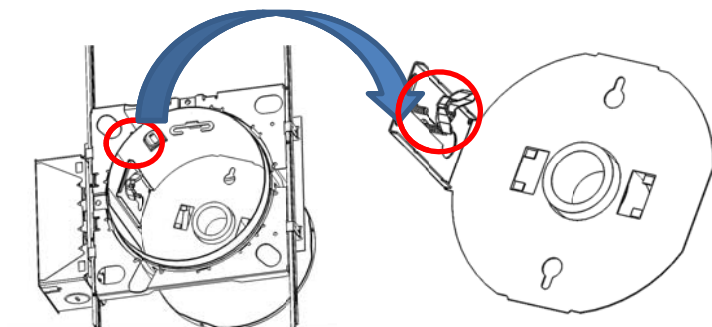


Figure 5

Step2:

Remove the the adiustable socket bracket by pressing the socket clips (as shown in Figure 6).

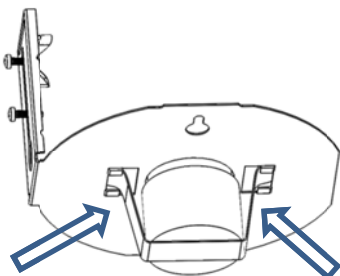


Figure 6

Step3:

Put the socket back into the housing (as shown in Figure 7).

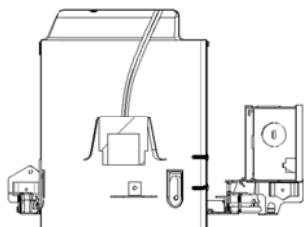


Figure 7

***How to change the torsion springs into friction brackets**

Loosen the screws and remove the torsion springs (as shown in Figure 8).

Then fix the friction brackets with the screws (as shown in Figure 9).

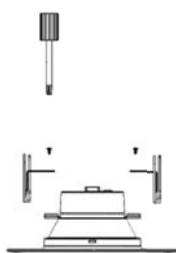


Figure 8

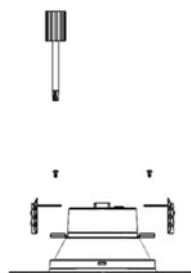


Figure 9