INSTRUCTIONS
5.5" Edge-Lit Surface Mount

RAB®

SM5.5R108XX120W

SM5.5S108XX120W

IMPORTANT

READ CAREFULLY BEFORE INSTALLING FIXTURE. RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE.

RAB fixture must be wired in accordance with the National Electrical Code and all applicable local codes. Proper grounding is required for safety.
THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED.

TO PREVENT ELECTRICAL SHOCK, POWER SHOULD BE TURNED OFF AT THE FUSE BOX BEFORE INSTALLATION.
SAFETY WARNINGS:
Read all product labels and directions.
- **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.**
- **Installation should be performed only by a qualified electrician in accordance with the National Electrical Code and relevant local codes. 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.**
- **Replace only with RAB Lighting Inc. Visit our website: RABLIGHTING.COM   Call our experts at 888 722-1000 MODEL# SM5.5R108XX120W SM5.5R109XXUNVTW SM5.5S108XX120W SM5.5S109XXUNVTW**
- **The recessed luminaire is intended for mounting only in a covered ceiling where only the led side of the luminaire will be exposed to damp or dry or wet locations.**
- **INSTALLATION SHOULD ONLY BE PERFORMED AFTER POWER TO THE FIXTURE HAS BEEN DISCONNECTED.**
- **These instructions shall be included on an information sheet packaged with each unit.**
- **The enclosed 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, and (2) this device must accept any interference received, including interference that may cause undesired operation.**

WHAT'S IN THE BOX

Fixture (1)   Screws (2)   Nuts (3)   E26 adapter (1)

Female connector (1)   Friction Clips (4)

THIS LUMINAIRE HAS BEEN MODIFIED AND CAN NO LONGER OPERATE THE ORIGINALLY INTENDED LAMP. REPLACE ONLY WITH RAB Lighting Inc. RABLIGHTING.COM   888 722-1000 MODEL#

Lumi Sticker (1)

DIMENSIONAL DRAWINGS

5/8"   1 3/8"   5 1/2"

MIN. LAMP COMPARTMENT DIMENSIONS

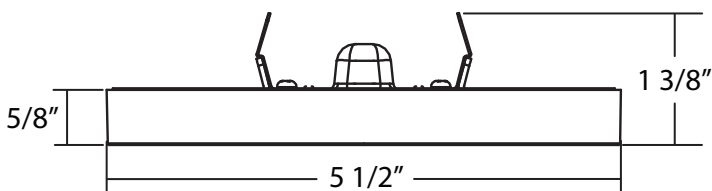**Installation with J-BOX**
J-box Min Volume - 18 in³, Min Length: 3.5in, Height: 2.19in
Compatible with standard J-Box

Installation with Existing Housing
Min lamp compartment dimensions - Dia: 4.07in, Height: 5.51in
Compatible with most common 4" recessed housings

TOOLS NEEDED

Installation with J-BOX
A screwdriver is needed for installation.

Installation with Existing Housing
No tools are necessary for installation.

INSTRUCTIONS
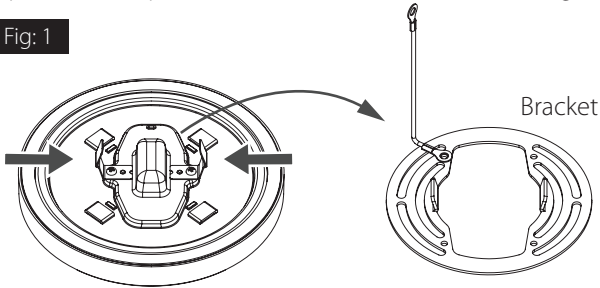## 5.5" Edge-Lit Surface Mount

RAB®

RAB Lighting is committed to creating high-quality, affordable, well-designed and energy-efficient LED lighting and controls that make it easy for electricians to install and end users to save energy. We'd love to hear your comments. Please call the Marketing Department at 888-RAB-1000 or email: marketing@rablighting.com
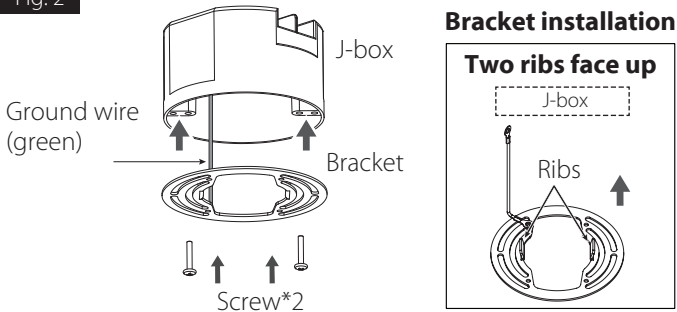
INSTALLATION WITH J-BOX

1. Make sure the POWER IS TURNED OFF at the source to the J-box in which you are installing the product.
2. Squeeze the clips and take out bracket from fixture. *(Fig.1)*
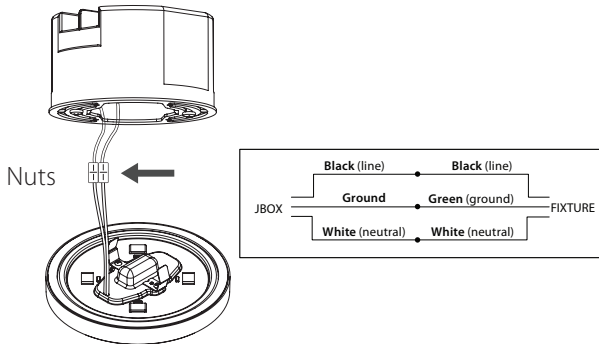
Fig: 1

Bracket

3. Connect the Ground Wire (green) to J-box, and fasten the bracket to J-box with the screws provided in package. *(Fig.2)* Pay attention to the direction of bracket.
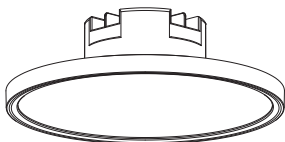
Fig: 2

J-box

Ground wire (green)

Bracket

Screw*2

Bracket installation
Two ribs face up
J-box
Ribs

4. Connect the wires of J-box to fixture, white - white, black - black. *(Fig.3)*

Fig: 3

Nuts

JBOX		FIXTURE
Black (line)	**Black** (line)	
Ground	**Green** (ground)	
White (neutral)	**White** (neutral)	

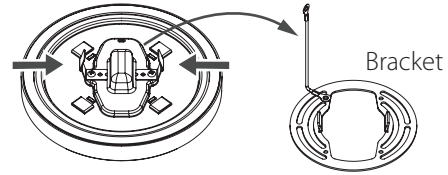5. Push fixture up into the mounting bracket until it clicks into place *(Fig.4)*.
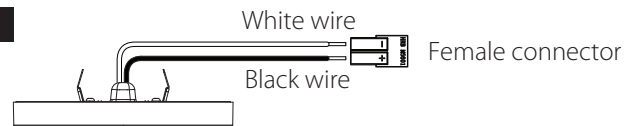
Fig: 4

INSTALLATION WITH EXISTING HOUSING

1. Squeeze the clips and remove the bracket from fixture, the bracket is no need for installation with existing housing. *(Fig.5)*
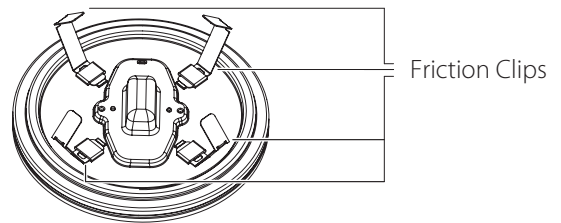
Fig: 5

Bracket

2. Wire the fixture with female connector. *(Fig.6)* Insert the black wire into the side marked (+) and the white wire into the side marked (-). Make sure both wires are tightly secured.
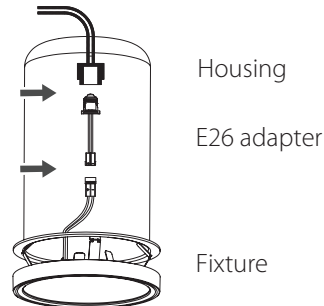
Fig: 6

White wire
Black wire
Female connector

3. Install the friction clips on the back of the fixture. *(Fig. 7)*

Fig: 7

Friction Clips

4. Screw the E26 adapter into the socket. Then connect male connector of E26 adapter to the female connector of the fixture. *(Fig. 8)*

Fig: 8

Housing

E26 adapter

Fixture

5. Simply slide the trim and metal friction clips into the housing. *(Fig.9)* Carefully place wires into fixture and push the LED trim into the housing until flush with ceiling.*(Fig. 10)*

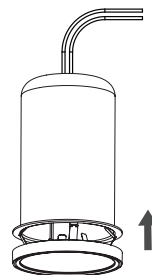Fig: 9   Fig: 10

Note: These instructions do not cover all details or variations in equipment nor do they provide for every possible situation during installation, operation or maintenance.