

# User Manual

**Product Name:** LED downlight

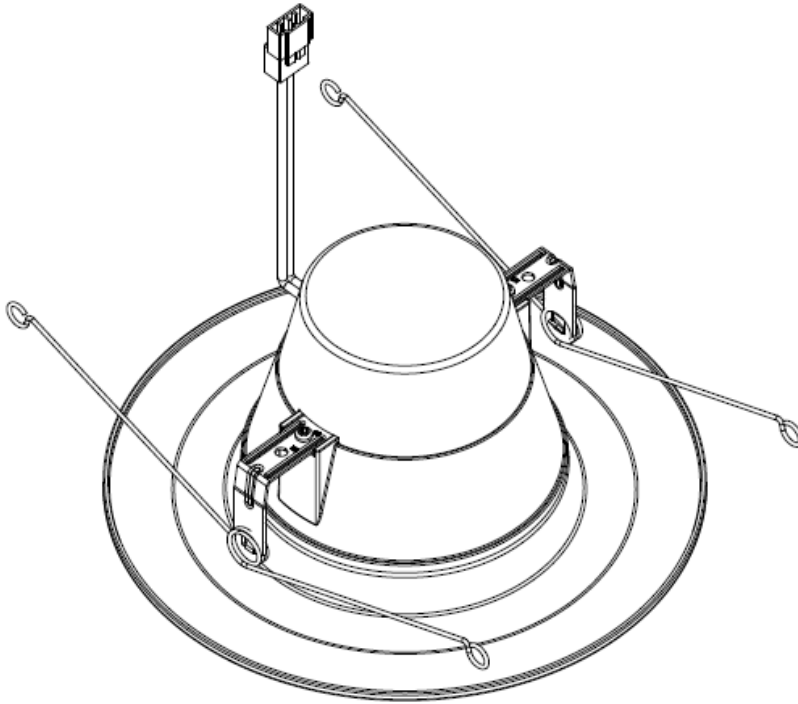
**Model No.:** 531911XX(XX=00~99)

**Brand Name:** Commercial Electric

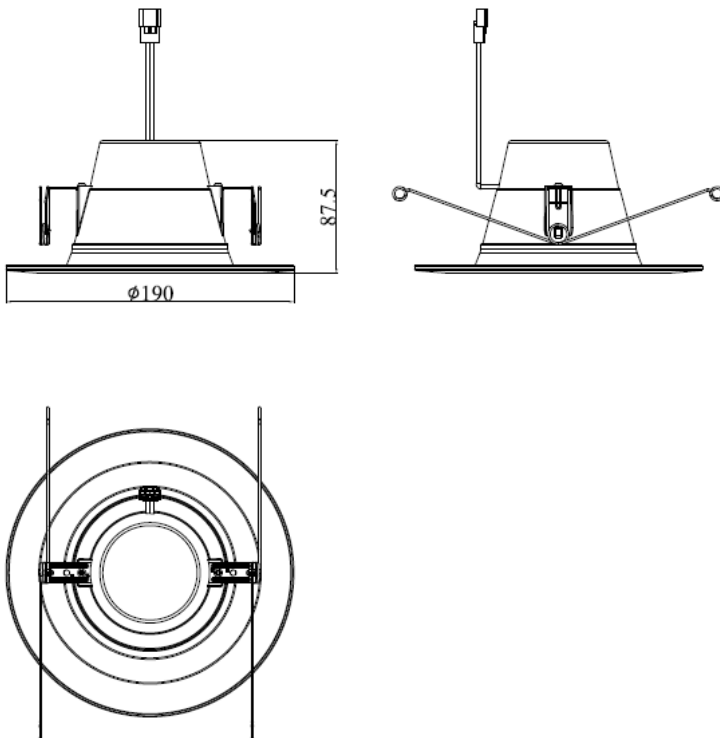
Manufacturer: Elec-tech International.,Co.Ltd

# 1. 产品简介 Product Introduction

## 1.1. 产品描述: Product Description :



## 1.2. 产品示意图: oduct schematic diagram:



## 2. 产品特性 Product features

### 2.1 技术参数 Specification

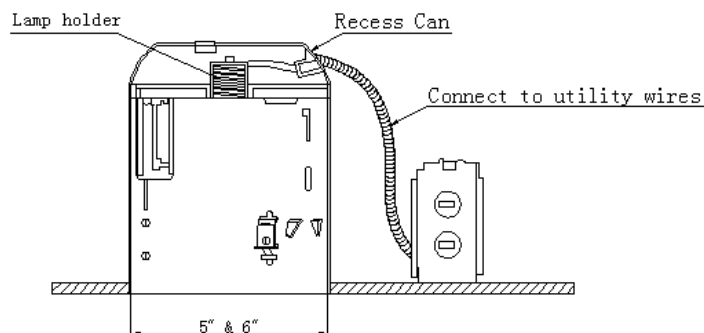
项目 / 单位	Item / unit	参数 Specification
<b>电气参数 Electronic ratings</b>		
整灯功率 /W	Rated Power/W	11W
输入电压 /V	Rated Input voltage/V	AC 120V
工作频率/Hz	Frequency/Hz	60Hz
电源效率/%	Rated Power efficiency	>90%
功率因数 (PF)	Rated Power Factor	>0.9
调光方式	Dimming method	SCR and bluetooth dimmber
<b>光源参数 Photometric ratings</b>		
LED 类型/数量	LED Type/Quantity	2835/32pcs, 3030/18pcs
整灯光通量 /Lm	Lumen	670lm
色温/K	Temperature/K	2700-5000K, R+G+B
显色指数/Ra	CRI	90
<b>物理参数 Physical information</b>		
材质	Material	AL、PC
工作温度	operating temperature	45℃
防护等级	IP rating	IP20
灯具规格(L×W×H)/mm	Luminaire dimension(L×W×H)/mm	190*190*87.5mm

## 3 使用方法 Method of application

### 3.1 安装示意图(A) Installation schematic diagram(A)

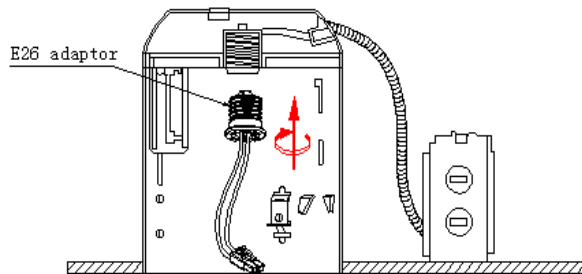
A 切断电源，检查安装筒尺寸。

A: Turn off the power supply. Check the dimension of recessed can and the lamp holder type to see whether the retrofit kit can fit the luminaire.



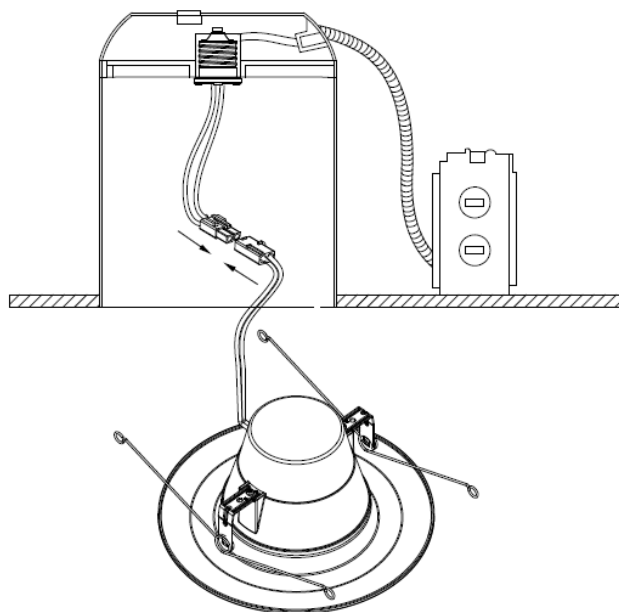
B:将 E26 灯头旋进并旋紧

B: screw clockwise the E26 adaptor into the lamp holder. Tighten.



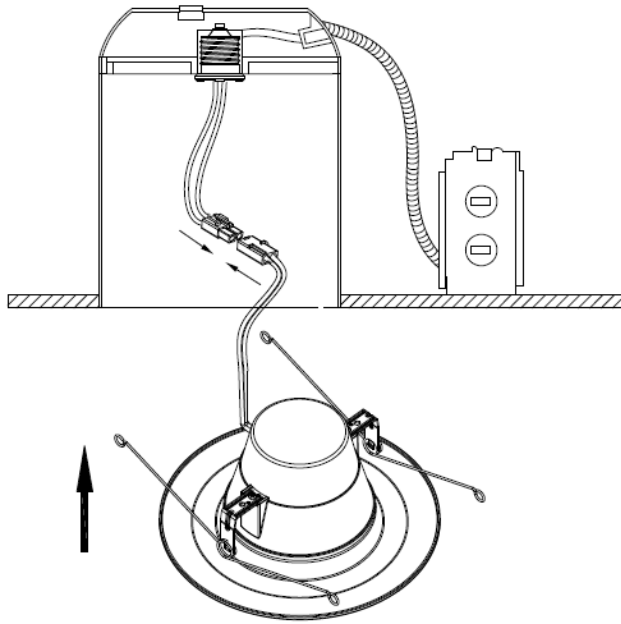
C:连接好连接器。

C: Connect the male to the female connector.



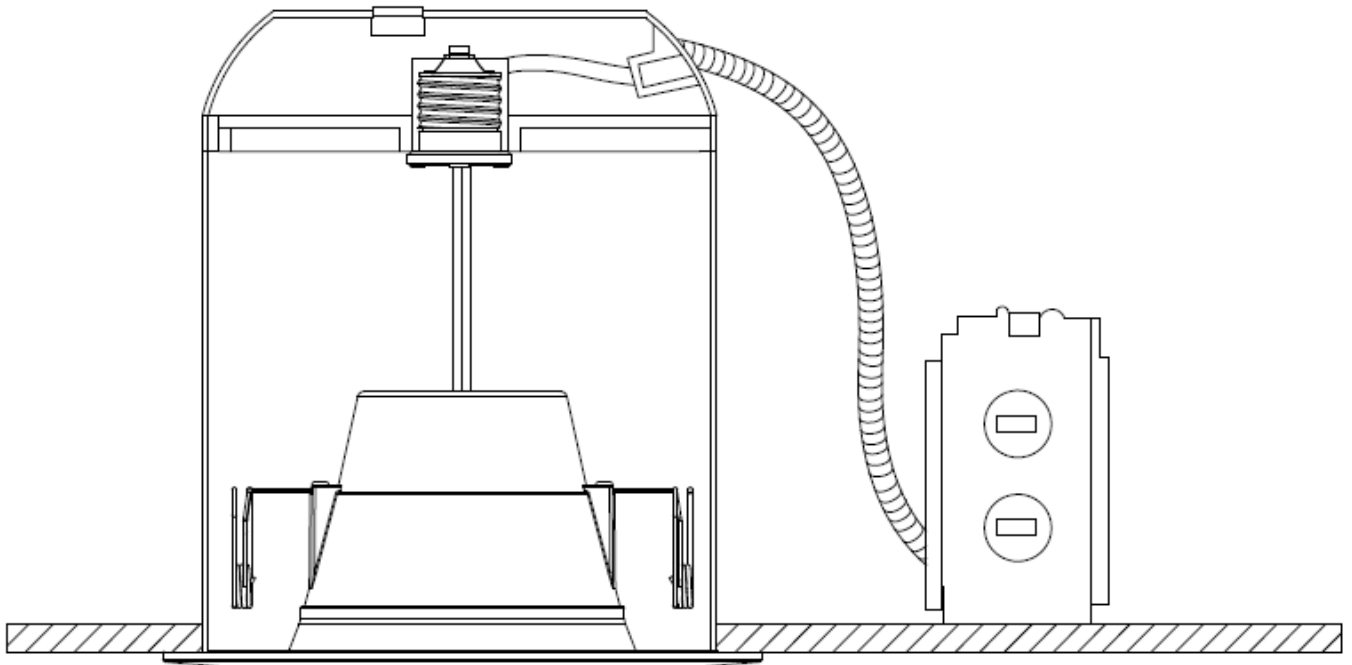
D:将筒灯装进安装筒并卡紧。

D: Squeeze the “V shape” clips to match the grooves on the inside of the can, and slide the luminaire up into the can firmly.



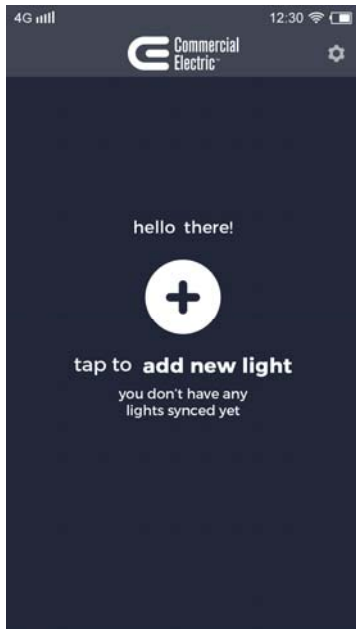
E: 导通电源

E: Make sure the trim ring is flush with ceiling. Turn on the light to check the luminaire working status.

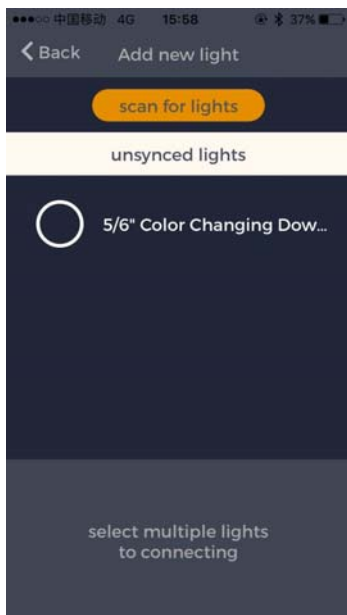


### 3.2 bluetooth APP dimmber

#### 1 add new light



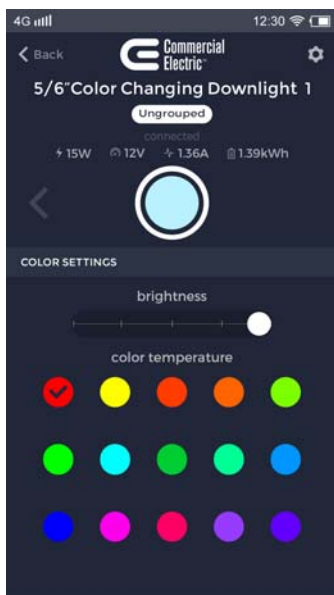
#### 2 scan light



### 3 user interface



### 4 RGB user interface



### 3.3 维护说明 Maintenance Instruction

- \*为延长使用寿命请勿使用酒精等挥发性溶剂擦拭灯体；
- \*Do Not use volatile solvent such as alcohol to clean the troffer.
- \*清洁时可以使用柔棉布沾肥皂水拧干后擦拭灯体；
- \*Use soft cotton cloth with suds to clean the troffer .
- \*非专业人士请勿拆修灯具；
- \*Non-professional do Not attempt to take apart and repair the troffer .
- \*不可拆卸软缆或软线，如果损坏须请专业人士或制造厂商更换。
- \*No disassemble the soft cord, if broken, please invite professional personnel or ask the manufacturer to change

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## 4 环境要求 Environmental requirement

使用环境温度 Operating temperature: 45°C;

## 5. 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 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.

Installers should not disconnect existing wires from lampholder terminals to make new connections at lampholder terminals. Instead installers should cut existing lampholder leads away from the lampholder and make new electrical connections to lampholder lead wires by employing applicable connectors.

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

THIS RETROFIT KIT IS ACCEPTED AS A COMPONENT OF A LUMINAIRE WHERE THE SUITABILITY OF THE COMBINATION SHALL BE DETERMINED BY AUTHORITIES HAVING JURISDICTION.



## FCC Warning

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, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**Note:** 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.