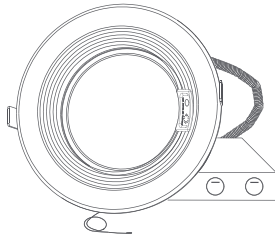


USE AND CARE GUIDE

Led Canless Industrial Emergency Downlight With Baffle Trim

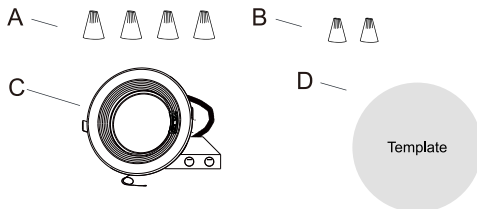


LJC-US-IIDR6-820-M010-27359-C00-1-V1
LJC-US-IIDR8-827-M010-27350-C00-1-V1
LJC-US-IIDR10-837-M010-27350-C00-1-V1

Before returning to your retailer, please contact
support@runbisonlighting.com
if you have any questions or problem with this product

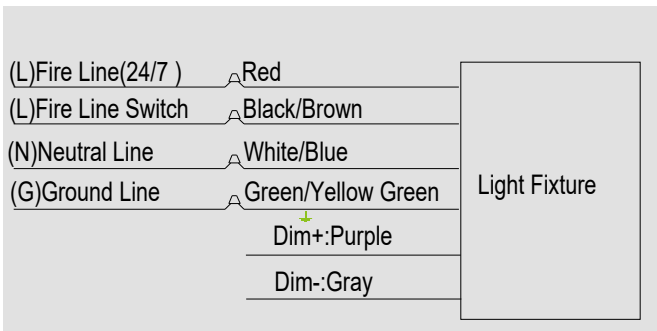
1

PACKAGE CONTENT



PARTS	QTY
A Wire Nut	4
B Wire Nut	2
C Light	1
D Cutting hole template	1

0-10V DIMMING WIRING DIAGRAM



Wiring diagram

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SAFETY INSTRUCTION

Please read and understand all instructions before operate or install the product. Failure to do so may lead to electric shock , fired or other injuries that could be hazardous or even fatal.

-Shut off the electricity to the wires that you are working on.

-Do not open,no user serviceable parts inside . Any changes or modifications and applications not expressly approved by the manufacturer could void the user's authority to operate the equipment and warranty.

WARNING

-Risk of fire or electric shock.

LED retrofit kit installation requires knowledge of luminaires electrical systems . Do not attempt installation if not qualified. Contact a qualified electrician

-Install this kit only in the luminaires that have the construction features and dimensions shown in the photographs and / or drawings.

-Do 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.

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

- This device is not intended for use with emergency exits

- This luminaire has not been modified to operate LED Lamp . Do not attempt to install or operate incandescent lamps or CFL in this luminaire.

-This retrofit kit is accepted as a component of a luminaire where the suitability of the combination shall be determined by authorities having jurisdiction.

CAUTION

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

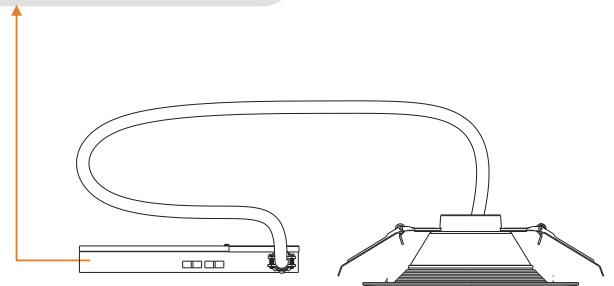
1) this device may not cause harmful interference

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

2

GENERAL WIRING DIAGRAM

Gray Wire (Negative dimming lead)
Purple Wire (Positive dimming lead)
Red Wire (Hot)
White/Blue Wire (Neutral)
Green/Yellow Green Wire (Ground)
Black/Brown (Fire Line Switch)



Electrical Connection Wiring:

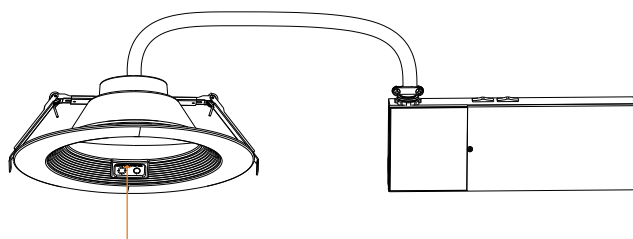
1. Connect BLACK (line) driver lead to voltage supply Lineposition (HOT).
2. Connect driver WHITE lead to the NEUTRAL supplyposition.
3. Connect the GREEN ground lead to the supply groundlead.
4. Connect BLACK/BROWN (switch live wire) driver lead to wall switch output live wire

0-10v Dimming:

4. Connect PURPLE lead to supply POSITIVE dimming lead
5. Connect PiNK lead to the supply NEGATIVE dimminglead.

4

EMERGENCY FUNCTION TEST



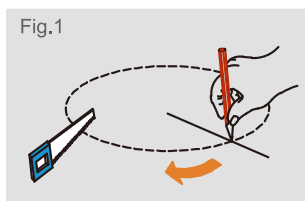
Emergency Test Switch

Auto Test: The fixture will automatically run a quick emergency function test upon initial power-up.

Manual Test: Press the test switch to check if the emergency feature works properly. If the emergency function malfunctions, carefully inspect all wiring connections for errors.

CONSTRUCTION INSTALLATION

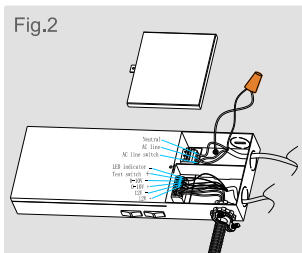
Make sure the POWER IS TURNED OFF when you are installing the product.



1. Locate a suitable position to place the super thin LED fixture and open a hole in accordance to the cut-hole dimensions (use the Hole Size Template provided)

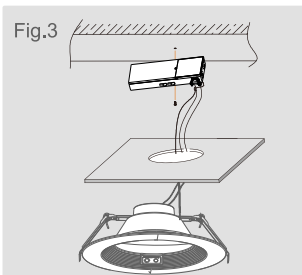
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CONSTRUCTION INSTALLATION

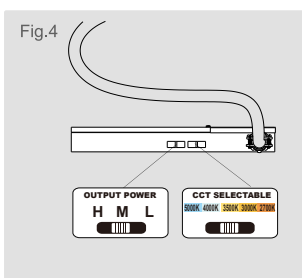


2. Connect incoming AC mainspower to fixture input leads. Put the downlight conduit into the J-box and wire to the power source.

(red to constant hot, black/brown to wall switch hot, white/blue to neutral, green/yellow green to ground, purple to 0-10V dim+, gray to 0-10V dim-)



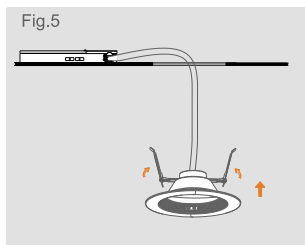
3. Fix the ceiling or other fixed parts of the junction box and hook the safety cord to the junction box or other place (Fig.3).



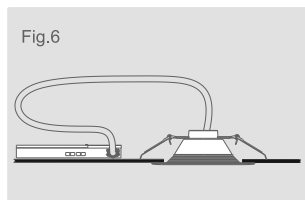
4. Use the color temperature toggle switch to select your desired lamp color temperature-Soft White(2700K), Warm White(3000K), Neutral White(3500K), Cool White(4000K), Daylight(5000K). Use the wattage adjustable toggle switch to adjust the wattage you need (Fig.4)

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CONSTRUCTION INSTALLATION



5. After wiring is completed, tuck the junction box flat into the ceiling, then clip the fixture's spring clips securely into the ceiling cutout.



6. Check if the light fixture is fully installed in place, then power on to verify the main light operates normally.

Note: The junction box is fixed on the ceiling bracket.

WARNING:

For wet location installation, after fixture is installed on ceiling, put silicone glue to seal the gap between fixture and ceiling.

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WARRANTY

This product is warranted for 5 years from the date of purchase. If this product does not perform to the specifications supplied on this package, send an email to support@runbisonlighting.com for product return and replacement. This replacement is the sole remedy available. Liability for incidental or consequential damage is expressly excluded.

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