

2X2 & 2X4 RETRO-FIT

DRL26-RF / DRL28-RF Series Installation Instructions

MEASUREMENTS

MIN. LAMP COMPARTMENT is shown below:

Model	Length (mm)	Wide (mm)	High (mm)
DRL26-xxxK-RF	565	565	78
DRL28-xxxK-RF	1165	565	78

NOTE

- Please read this entire manual to fully understand and safely use this product.
- Specifications are subject to change without notice.
- Please visit our website the most recent user guide versions.

UNPACKING

- Unpack and carefully examine the product.
- Report any damage and save all packing materials if any part(s) were damaged during shipping.
- Do not attempt to use this apparatus if it is damaged.

IMPORTANT SAFTY INFORMATION



- Risk of fire or electric shock. LED Retrofit Kit installation requires knowledge of luminaire electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician.
- 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.
- To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.
- THIS RETROFIT KIT IS ACCEPTED AS A COMPONENT OF A LUMINAIRE WHERE THE SUITABILITY OF THE COMBINATION SHALL BE DETERMINED BY AUTHORITIES HAVING JURISDICTION.
- Only those open holes indicated in the photographs and/or drawings may be made or altered as a result of kit installation. Do not leave any other open holes in an enclosure of wiring or electrical components.

READ ALL INSTRUCTIONS BEFORE INSTALLATION

- Consult a qualified electrician to ensure correct branch circuit conductor.
- The product should be installed and operated by a qualified electrician or technician in accordance with relevant local codes.
- Risk of electric shock. Ensure that main power source is off when wiring or soldering the sections of the product.
- Before installing this fixture or doing any maintenance, make sure to turn off the power supply at the circuit breaker or fuse box.
- Check to make sure that all fixture connections have been properly made and the fixture is grounded to avoid potential electrical shocks.
- Do not handle energized fixture when hands are wet, when standing on wet or damp surfaces, or in water.
- This pane lights are normally set to work at extra low voltage below DC42V and constant current conditions to ensure safety to human body.
- Designed for use in 100V-277V, 50-60Hz, protected circuit. Apply class 2 power supply.

INCLUDED IN THIS BOX

- LED Luminaire
- Bracket & Safty Cable
- Installation instruction
- Relamping Marking Labels

2X2 & 2X4 RETRO-FIT

DRL26-RF / DRL28-RF Series Installation Instructions

Installation Instructions

Step1: Turn off power of existing fixture. (Figure1)

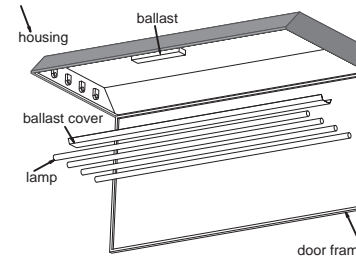


Figure 1

Step2: Remove the existing door frame (if installed) and lamps. If space is not enough, remove ballast and socket bars inside the existing fixture.

Step3: Fix bracket on the surface of ceiling and put it on the side of the housing. (Figure2)



Figure 2

Step4: Screw through holes on the bracket to the housing.

Step5: Hang the retrofit troffer by its hinges on one of the mounting brackets and hang the safety cable in the housing to right position. (Figure3)

Step6: AC input connect to line in back sides of connector (black) and the neutral connect to the white sides connector. the ground connect to the green wire. (Figure4)

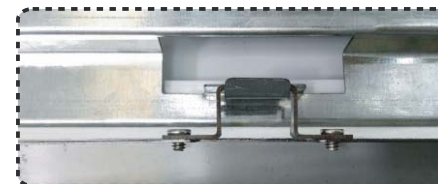


Figure 3

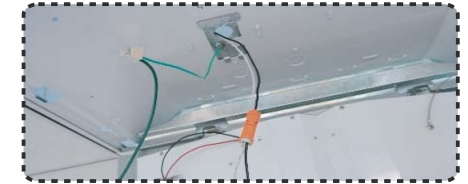


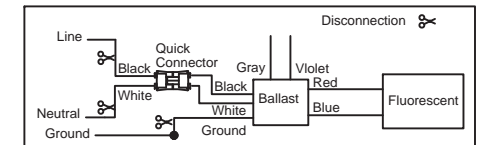
Figure 4

Dimmer Connect

- Compatible with 0-10V dimmer.
- The driver PUR (D+) to the dimmer+(PUR), and the driver GRY(D-) to the dimmer-(GRY).
- Connect the wires together using the cap connector as shown in wiring diagram (Figure 5).
- Incoming insulated dimming conductors shall have voltage rated at least equal to the branch voltage.

WIRING DIAGRAM

Before Installation of the Wiring Diagram



After Installation of the Wiring Diagram

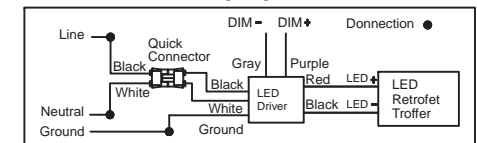


Figure 5

Step7: Paste the LED Lamp replacement Marking label to the back of the lamp.

Step8: Close the retrofit troffer and secure both latches. (Figure 6A and Figure 6B).

Step9: Reconnect main power.

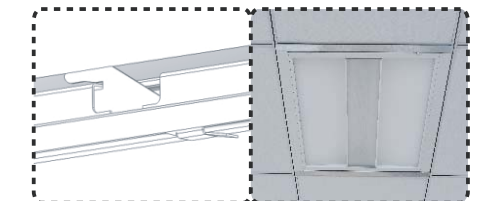


Figure 6A

Figure 6B