

Please read this manual carefully and keep it safely for proper handling

Products

R-FAC40BK1 R-FAC40BK1T R-FAC40BD1 R-FAC40BD1T R-FAC40BN1  
R-FAC40BN1T R-FAC40BL1 R-FAC40BL1T R-FAC40BW1 R-FAC40BW1T

For contractor ---- Hand this manual to customer for maintenance service

**Precaution for installation**

**Warning** Failure to follow this marking and misuse of the lamp can result in severe injury or death.

- (1) Follow the marking of lamp and instruction manual for installation.  
Improper installation may result in drop of the lamp, electrical shock and fire.
- (2) Use specified input voltage and frequency
- (3) The lamps are indoor use only. Don't use them at outdoor, semi-outdoor, wet area and areas where corrosive gas generated.
- (4) Don't modify the lamp. Risk of fall, electrical shock and fire.
- (5) Disconnect electrical power supply before installing or servicing the lamp. Risk of electrical shock.

**Caution** Failure to follow this marking and misuse of the product can result in severe injury or severe property damage

- (1) The lamps are designed for use at the temperature range of -10~40°C
- (2) The lamps cannot be operated with dimmer. Misuse may result in fire.

For customer --- Only qualified personnel is allowed to do the construction.  
Please keep this instruction safely after reading.

**Safety precaution**

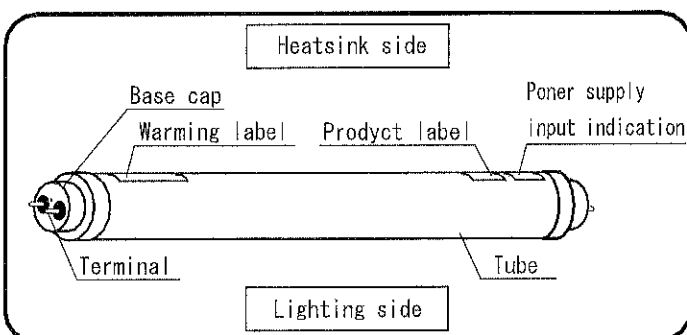
**Warning** Failure to follow this marking and misuse of the lamp can result in severe injury or death.

- (1) Disconnect electrical power supply before installing or servicing the lamp. Risk of electrical shock.
- (2) Don't cover the lamp with cloth or paper and keep burnable staff away from the lamp. Risk of fire
- (3) When abnormality were found, switch of power supply and contact reseller

**Caution** Failure to follow this marking and misuse of the product can result in severe injury or severe property damage

- (1) Don't touch the lamp while lighting or right after turning off as it is very hot. Risk of burn.
- (2) Use dried cloth or well squeezed wet cloth for servicing the lamp. Water washing can cause electrical shock and failure.
- (3) Don't swipe or spray the lamp with cleanser, chemicals or pesticide. Risk of damage on fixture and electrical shock.
- (4) Regular maintenance by contractor or specialist is recommended.
- (5) Don't stare the lamp for a long time. Risk of damaging eyes

**Name of the parts**



**Specification**

- AC direct input fixture
- Indoor use only

Part number	R-FAC40BK1 · R-FAC40BK1T R-FAC40BD1 · R-FAC40BD1T R-FAC40BN1 · R-FAC40BN1T R-FAC40BL1 · R-FAC40BL1T R-FAC40BW1 · R-FAC40BW1T
Input voltage	AC 100~242 V
Power consumption	22 W

## ■ Installation

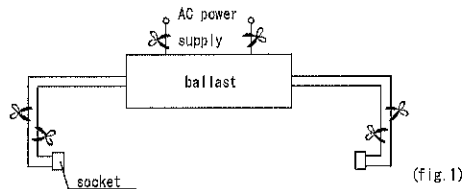
### Before installation

**Warning** Remove ballast from the fixture before installation

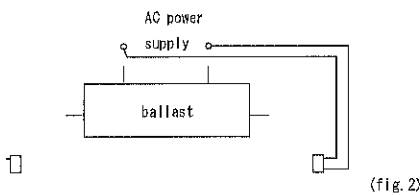
#### ● How to remove ballast

**Warning** Installation has to be done only by qualified personnel

- [1] Disconnect power supply to fixture and remove fluorescent lamp
- [2] Cut all power wires from and to ballast (fig.1)

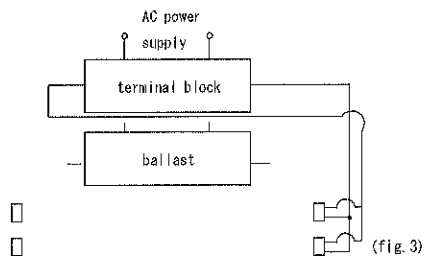


- [3] Reconfigure wiring between main power supply and socket (fig.2)



#### [For dual lamp fixture]

Wirings to both terminal block and socket to be cut, and reconfigured as below. (fig.3)



(Caution) Fixture manufacturer's warranty will be void in case ballast are removed.

● In case it was installed to fixture with existing ballasts.

Ballast type	Result
Glow start	✗ ... Does not work
Rapid start(1lamp)	✗ ... Does not work
Rapid start(2lamp)	✗ ... Does not work
Inverter	✗ ... Does not work
AC direct input (dual end power supply)	✗ ... Does not work
AC direct input (single end power supply)	○ ... Light

**!** This product is designed for AC direct input fixture(single end input), MAKE SURE a Ballast is removed.  
**WARNING** Do not install the lamp to the fixture with the ballast.

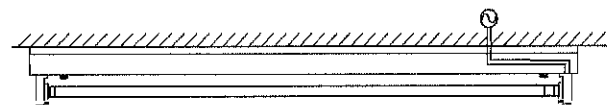
### How to install retrofit LED tube light

**Warning** Disconnect power supply before installation

- Step 1 Disconnect power supply to fixture and remove the fluorescent lamp
- Step 2 Follow the instruction of "Before installation" to remove the ballast
- Step 3 Install retrofit LED tube light  
 (caution) The lamp has direction on light source and to be installed so the light surface is facing down.
- Step 4 Connect power supply to check the lighting

### Warning

If fluorescent lamp were installed to a modified fixture, a filament of the lamp will be open with strong flash light. Do not install fluorescent lamp to the modified fixture.



## ■ Warranty

3years from the date of purchase

## ■ Warranty Disclaimer

Rohm shall not be responsible for any consequences in case of followings even though it is within warranty period.

- (1) Failure or damage resulting from acts of misuse, unapproved repair and modification.
- (2) Failure or damage resulting from relocation of installed place, transportation and fall down after purchase.
- (3) Failure or damage resulting from fire, earthquake, flooding, lightning and other natural disaster or use of abnormal voltage and unspecified power supply.
- (4) Failure or damage resulting from improper installation.
- (5) Failure or damage resulting from failing to follow safety and installation instruction or use of product with non-standard service.
- (6) Failure or damage by using the product outside specification
- (7) Failure or damage resulting from malfunction of lighting fixture

## ■ After-sales service

- (1) In case of warranty period, please see retail store(service agent) the product were purchased for repair together with warranty.
- (2) Please consult with retail store(service agent) the product were purchased if warranty period is expired. In case product quality can be maintained by the repairing, the product can be repaired upon request.
- (3) Please consult with retail store(service agent) the product were purchased for any query about after-sales service. Part number of the product and purchased date has to be quoted.

Distributor (Contractor)

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