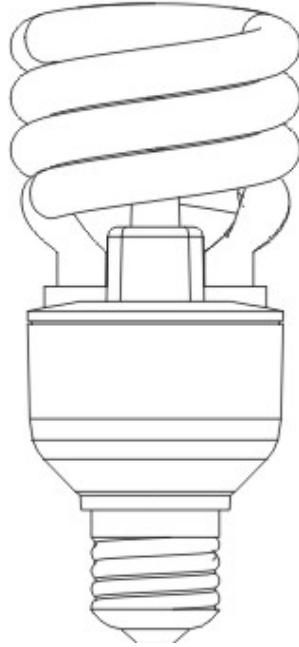


# Operation Manual

**Model: CFR-2027 Dimmable Energy Saving Light bulb (Receiver built-in)**

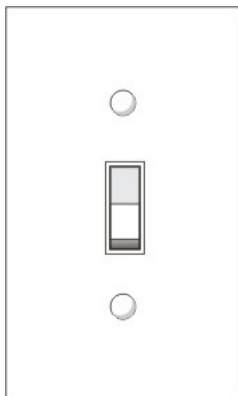


**CFR-2027**

## FEATURES:

- ◆ Pre-heat function can enhance the light bulb lifetime. Gradually lights ON in 1 second.
- ◆ **Can be operated with either mechanical switch or wireless RF remote control.**
- ◆ Low power consumption.
- ◆ Handy and easy to install.

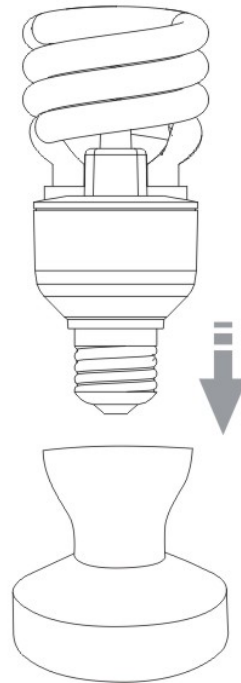
*! Before installation make sure to switch OFF the mechanical switch power.*



**Switch OFF!**

Initial install CFR-2027 light bulb into lamp holder then switch ON the mechanical switch, the lamp will be at the brightest level. To turn OFF, simply switch OFF the mechanical switch.

## CFR-2027



### ※REMARK※

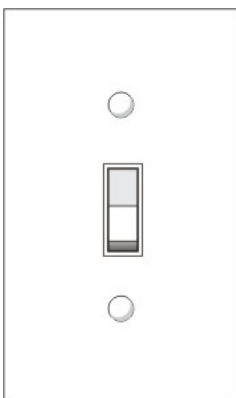
**! Pre-set brightness (First time switching ON) the light will be at 100% brightest.**

**After the first dimming process is set, the next time switching ON the light will be at the last memory setting brightness/darkness.**

### **SET UP:**

- ◆ To enter learning mode.

Controlled with a RF transmitter. (*Before any operation, mechanical switch must be turned ON to operate correctly*)



**Switch ON!**

1. Install CFR-2027 into lamp holder
2. Switch ON the mechanical switch.
3. Following switch mechanical switch OFF/ON 6 times ending last at ON mode, lamp starts to slow flash.  
**This will enter learning mode.**
4. On transmitter press ON button to send ON signal to CFR-2027 receiver.



5. CFR-2027 light bulbs will quick flash 8 times to confirm code is stored.
6. After the 8 times quick flash, the lamp will continuously flash slowly (returning to learning mode).
7. In the meantime, user can use another transmitter to make receiver memorize another code. CFR-2027 receiver can memorize up to 6 memories.

NOTE: Operating both remote control and mechanical switch at the same time

*To operating with a remote control, make sure the mechanical switch is turned 'ON'*

*If the light is switched 'OFF' by a remote control, remember the mechanical switch is still at 'ON' status.*

*So next time switching 'ON' with the mechanical switch remember to switch twice from 'OFF' to 'ON'*

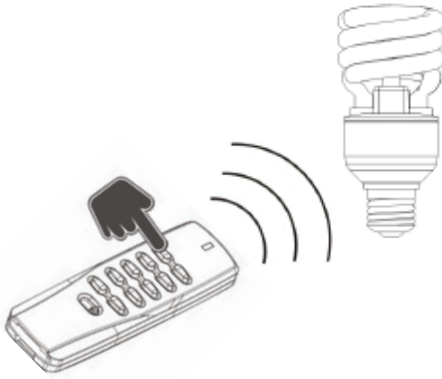
**※REMARK※**

- If during learning mode no RF or manual button signal is record then CFR-2027 receiver will stop flashing after 20 seconds OR either switch OFF the mechanical switch. This will deactivate the learning mode.
- For the convenience of setting up multiple transmitters, 20 seconds will recount again after each completed setup.

◆ Code deleting:

**Single delete memory/code** (*Must operate from wireless RF transmitter only*)

1. Switch ON the mechanical switch.
2. Following switch mechanical switch OFF/ON 6 times ending last at ON mode, lamp starts to slow flash.  
**This will enter learning mode.**
3. On transmitter press OFF button to send OFF signal to CFR-2027 receiver.



4. CFR-2027 light bulbs will quick flash 8 times to confirm single code is deleted. To deactivate learning mode, simple switch OFF the mechanical switch

**Delete all memories/codes:** (*Must operate from mechanical switch only*)

1. Switch ON the mechanical switch.
2. Following switch mechanical switch OFF/ON 6 times ending last at ON mode, lamp starts to fast flash. AGAIN following switch mechanical switch OFF/ON 6 times ending last at ON mode, lamp will quick flash 8 times to confirm ALL memorized codes are deleted.
3. To deactivate learning mode, simple switch OFF the mechanical switch or wait for 20 seconds until light stops flashing.

**Operation of CFR-2027 with mechanical switch:**

**Switch 'ON/OFF':**

**'Manual ON Button'** (switch 'ON' function):

- Press once to switch 'ON'.

**'Manual OFF Button'** (switch 'OFF' function):

- Press once to switch 'OFF'.

**Dimming:**

1. Switch ON the mechanical switch then quickly switch OFF then ON once again. Dimming will automatically start.
2. To stop at the desire brightness/darkness simply switch mechanical switch OFF then ON once.

! Dimming will automatically stop action after 4 cycles and light brightness stay at last memory level.

## **Operation of CFR-2027 with wireless RF remote control:**

*Making sure mechanical switch is turned ON first!*

### **Switch 'ON/OFF':**

**'ON Button'** (switch 'ON' function):

- Press once to switch 'ON'.

**'OFF Button'** (switch 'OFF' function):

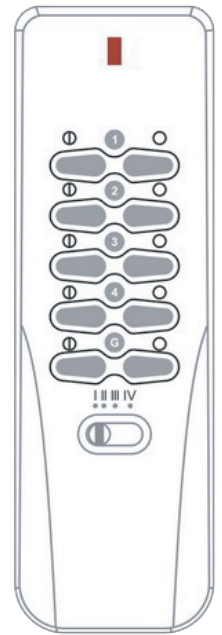
- Press once to switch 'OFF'.

**'All OFF Button'** (switch 'ALL OFF' function):

- Press once to switch all linked lamps 'ALL OFF' simultaneously.

### **Dimming:**

1. On transmitter press ON button to light on.
2. Press ON button again to start dimming.
3. At the desired brightness / darkness press ON button to stop dimming.



### **SPECIFICATION:**

**Not compatible with code switch system remote control.**

Power: 20W	RF frequency: 433.92 MHz
Input voltage: 220-240VAC	Power Factor: > 0.9
Luminous: 1200 lm	Current consumption: 90mA
Colour: 2700 K	Ra: 81
Dimming range: 5%~100%	Life time: 10,000 hours.

**Compatible with mechanical switch and wireless RF remote control.**

ON / OFF /DIMMER function