



**CR-7007SG**

**LED EXIT LIGHT**

## INTRODUCTION

The FGE-CR-7007SG Series LED Exit Light is a reliable and energy-efficient emergency lighting fixture designed to ensure safe evacuation and clear exit indication in commercial buildings, offices, hotels, schools, and public facilities.

Equipped with high-brightness LED chips, it provides clear and uniform illumination of the exit sign, ensuring visibility in dark or smoky environments. The durable, flame-retardant housing and built-in rechargeable lithium battery deliver over 90 minutes of emergency operation during power outages.

Its sleek, modern design supports surface or ceiling mounting, making it easy to integrate into various interior settings. Compliant with safety regulations and requiring minimal maintenance, the CR-7007SG offers stable performance and dependable guidance in any emergency situation.



## FEATURES



### Charge Time: 24 hours

Fully charges in 24 hours for dependable emergency readiness.



### 3.6V 1000mAh Battery

Equipped with a 3.6V 1000mAh battery for reliable emergency lighting during power outages.



### Discharge Time: 90 minutes

Provides up to 90 minutes of continuous illumination during power failure.



RELIABLE  
WARRANTY

### Reliable Warranty

2 Years Warranty.

#### - Versatile Mounting Options:

Wall, end and ceiling mounting for flexible installation.

#### - Wide Input Voltage:

AC 120/277V, suitable for global power grids.

#### - Universal field-selectable single or double faces

Allows easy configuration on-site to switch between single-face or double-face display, providing installation flexibility for various emergency exit layouts.

#### - 2 x 1W adjustable head

Field-adjustable head design to fulfill customers' diverse lighting requirements.

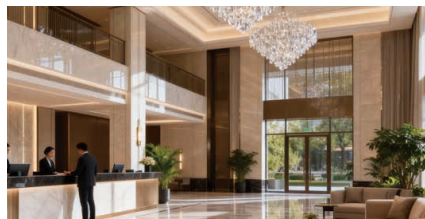
#### - Maintenance free

Designed with long-life components that minimize service needs, ensuring reliable performance without frequent inspections or replacements.

#### - High impact, flame resistant, UV resistant

Constructed with robust housing that withstands strong impacts, resists flame spread, and protects against UV degradation for long-term durability.

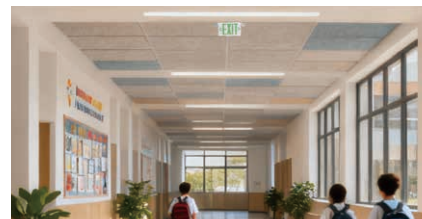
## APPLICATIONS



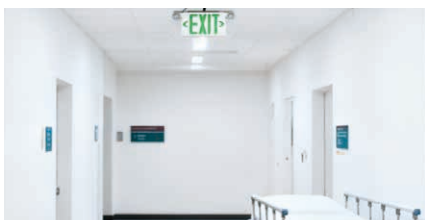
**Hotel:** Providing reliable backup illumination for corridors, guest rooms, and public areas to ensure safe evacuation during power outages.



**Factory:** Delivering durable emergency lighting for production lines and hazardous areas, maintaining visibility and worker safety during unexpected outages.



**School:** Ensuring safe guidance lighting in classrooms, hallways, and auditoriums to support orderly evacuation during emergencies.



**Hospital:** Supporting critical areas such as wards, operating rooms, and corridors with uninterrupted emergency lighting to safeguard patients and staff.



**Mall:** Offering effective emergency illumination for large retail spaces and evacuation paths to maintain order when the main power fails.

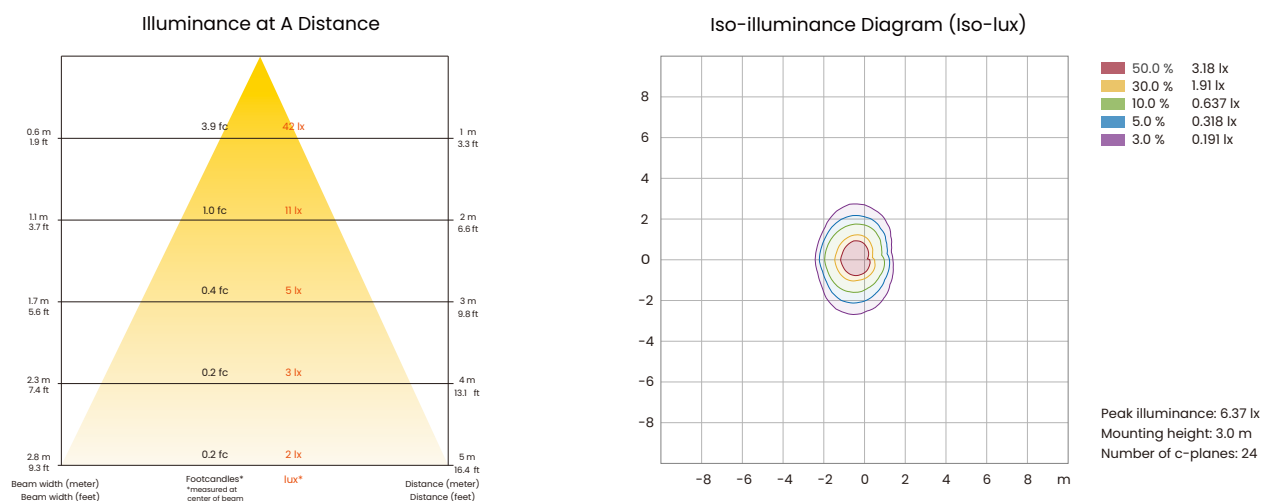


**Station:** Delivering high-visibility emergency lighting for platforms, ticket halls, and transit corridors to support safe movement during power loss.

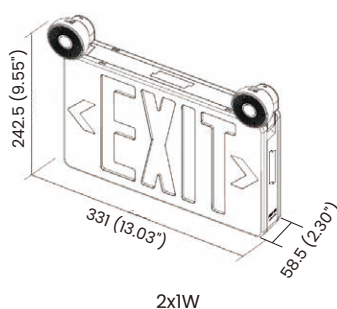
## TECHNICAL PARAMETERS

| Product Model                 | CR-7007SG                                  |
|-------------------------------|--------------------------------------------|
| <b>Electrical Performance</b> |                                            |
| Wattage                       | 2x1W                                       |
| Input Voltage                 | AC120/277V                                 |
| Frequency                     | 60Hz                                       |
| <b>Reliability</b>            |                                            |
| Operating Temperature         | 0 ~ +40°C                                  |
| Ingress Protection            | IP20                                       |
| <b>Mechanical</b>             |                                            |
| Housing Material              | Injection-molded thermoplastic ABS housing |
| Net Weight                    | 1.2kg                                      |
| Dimensions                    | 33lx242.5x58.5mm                           |
| Warranty                      | 2 Years                                    |

## ILLUMINANCE DISTRIBUTION



## MECHANICAL DIMENSIONS

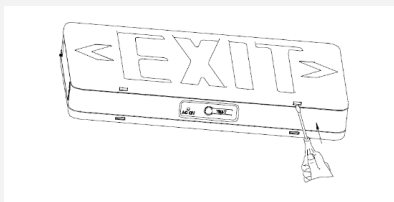


| Product Model     | CR-7007SG                            |
|-------------------|--------------------------------------|
| Wattage           | 2x1W                                 |
| Outer box (L*W*H) | 400x320x390mm (15.75"x12.60"x15.35") |
| Q'ty/Ctn          | 12pcs                                |
| N.W./Ctn          | 14.20kg/31.31lbs                     |
| G.W./Ctn          | 14.80kg/32.63lbs                     |
| Remarks           | -                                    |

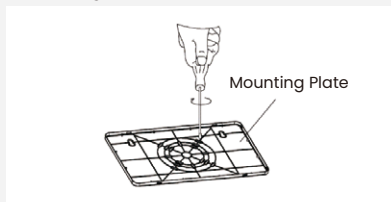
## INSTALLATION

### Wall mounting

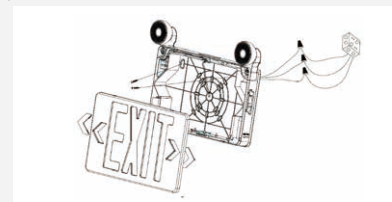
1. Remove mounting plate from fixture.



2. Knockout in back of mounting plate and push wires through the hole.



3. Securely attach mounting plate to J-box (not provided).

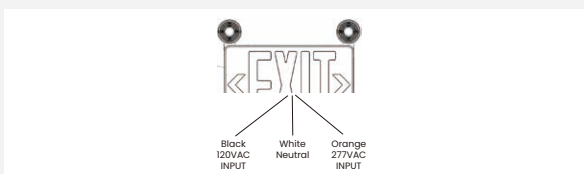


#### 4. ELECTRICAL CONNECTIONS

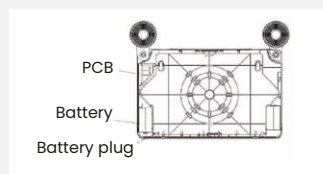
Make the proper supply wire connections.

If using 120VAC, connect the black and White wires to the building utility.

If using 277VAC, connect the Orange and White wires to the building utility.



5. Connect the battery to connector on the PCB.

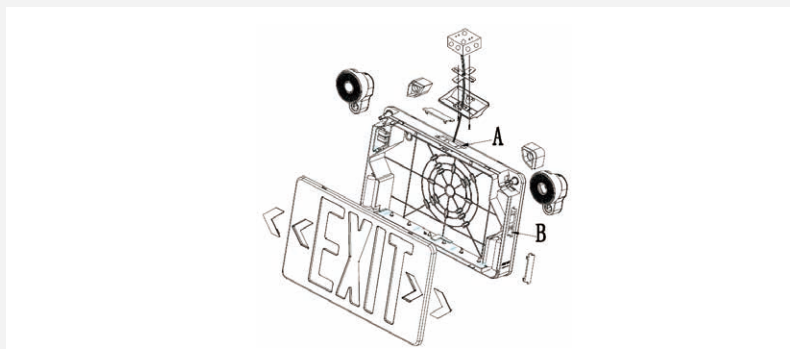


6. Snap fixture onto mounting plate and ensure no wires are pinched. Make sure unit is fully attached.

7. Restore power and press test button. Battery powered LED will come on, AC light will turn off.

### Wall mounting

1. Open top cover and knockout on the top of fixture.
2. Secure the mounting plate to tube with nut.
3. Secure the mounting plate to tube with nut.
3. Push the wires through "A" for ceiling mounting or "B" for side mounting.
4. Reference step 4-7 in wall mounting above for side or ceiling mounting.



## ORDER INFORMATION

**CR-7007SG-YY-YY-YY**

1                      2   3                      4   5                      6   7

### 1 CR-7007SG Series LED Exit Light

#### 2 Wattage

|    |      |
|----|------|
| 2W | 2x1W |
|----|------|

#### 3 Remote Head

|         |                 |
|---------|-----------------|
| (Blank) | No Remote Heads |
|---------|-----------------|

#### 4 Voltage

|         |          |
|---------|----------|
| (Blank) | 120/277V |
|---------|----------|

### 5 Letter Colors

|   |       |
|---|-------|
| G | Green |
| R | Red   |

### 6 Housing Colors

|         |       |
|---------|-------|
| (Blank) | White |
|---------|-------|

### 7 Face Options

|         |           |
|---------|-----------|
| (Blank) | Universal |
|---------|-----------|



WARRANTY PERIOD  
**2 YEARS  
WARRANTY**



WARRANTY COVERAGE  
**LED LIGHT SOURCE,  
DRIVER**



AFTER-SALES  
SERVICE COMMITMENT  
**24H RESPONSE**



AFTER-SALES  
SERVICE COMMITMENT  
**72H RESOLUTION/REPLACEMENT**