

Catalog Number : Project Name : Note : Date : Type :

DESCRIPTION

This emergency disk light combines standard and emergency lighting functions in one unit. It includes an internal emergency power source that provides uninterrupted illumination for up to 90 minutes during power outages.

The disk light features a surface-mounted test button for easy and convenient routine maintenance.

It offers adjustable color temperature settings, allowing users to choose from 2700K, 3000K, 3500K, 4000K, or 5000K.

Ideal for residential areas (living rooms, corridors, kitchens, and bathrooms), hotels, libraries, offices, garages, and workspaces, this light provides preferred illumination solutions.



BASED ON SAMPLE SETTING. ACTUAL LUMENS MAY VARY.

| MODEL# | SIZE | WATTAGE | 5CCT | LUMENS | EMERGENCY POWER |
|----------------------------|-------|---------|-------|--------|-----------------|
| SU-DK6IN-15W5CEM-G2 | 6inch | 15W | 2700K | 1020lm | 2.5W |
| | | | 3000K | 1080lm | |
| | | | 3500K | 1150lm | |
| | | | 4000K | 1150lm | |
| | | | 5000K | 1125lm | |

| MODEL# | SIZE | WATTAGE | 5CCT | LUMENS | EMERGENCY POWER |
|----------------------------|-------|---------|-------|--------|-----------------|
| SU-DK8IN-18W5CEM-G2 | 8inch | 18W | 2700K | 1220lm | 4W |
| | | | 3000K | 1300lm | |
| | | | 3500K | 1420lm | |
| | | | 4000K | 1470lm | |
| | | | 5000K | 1490lm | |

FEATURES

- Continuous dimming from 100% to 5% with many Triac Dimmers.
- Supports surface mount and recessed mount.

SWITCH TEST

1. When the main power supply is connected and enters the normal state, press the test switch and the emergency conversion kit will enter the emergency mode.

2. If the test switch is not pressed normally, the charging mode is entered.

3. In the emergency state, hold down the test switch for 3 seconds to turn off the emergency state.

TECHNICAL SPECIFICATION

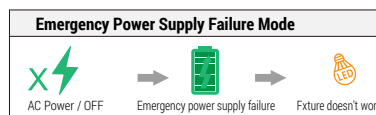
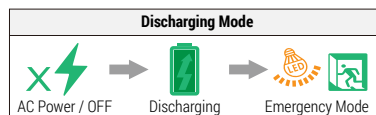
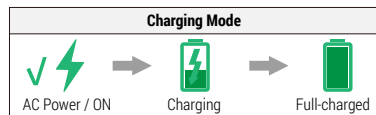
| | |
|------------------------|--|
| VOLTAGE | 120V |
| POWER FREQUENCY | 60Hz |
| INPUT POWER (CHARGING) | 2.5W Max |
| POWER FACTOR | >0.9 |
| 5CCT | 2700K 3000K 3500K 4000K 5000K |
| CRI | 90 |
| BEAM ANGLE | 110° |
| MATERIAL | Aluminum+Plastic+PC |
| LIFESPAN | ≥50,000hours |
| DIMMABLE | Triac Dimmable |
| BATTERY CAPACITY | 2200mAh |
| EMERGENCY TIME | 90Min |
| INITIAL CHARGE TIME | 24Hours |
| BATTERY TYPE | LiFePO4 3.2V |
| LED INDICATOR | Red indicator |
| OPERATING TEMP | (50°F~ 122°F) 10~50°C |
| RATING | Suitable for Wet Locations |
| WARRANTY | 5 year limited |

INDICATOR LIGHT

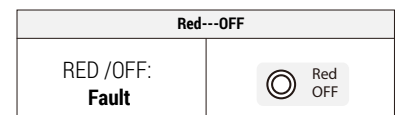
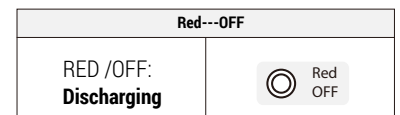
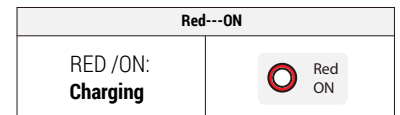
1. Red stable: charging mode or charging full.

2. Red off: mains power off or discharging mode.

Operation



Instruction light



Specification subject to change without notice

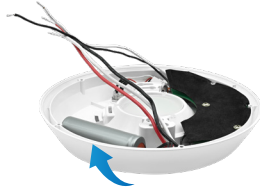
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Testing is simple



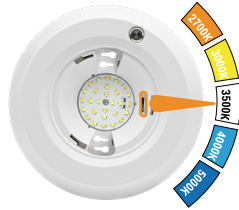
Includes 2-in 1 test switch and charge indicator light

90 minutes emergency duration

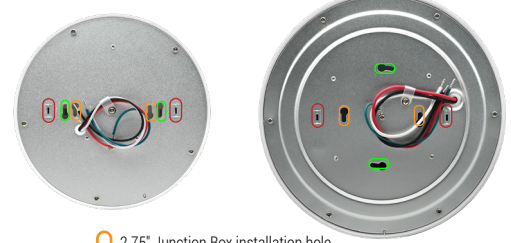


Emergency power

Selectable CCT



Installation hole position

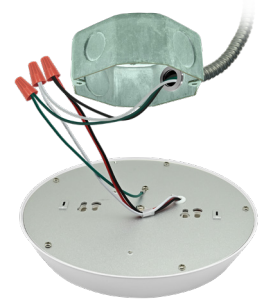


○ 2.75" Junction Box installation hole
○ 3.5" Junction Box installation hole
○ 5" or 6" Recessed installation hole

IMPORTANT

- In emergency mode, the dimming function does not work.
- An un-switched AC power source is required(120Vac).It is designed for fixtures listed for wet locations.
- When EMBB in the warehouse inventory, the battery should be charged and discharged at least once every 6 months to ensure its lifespan, It should not be left idle for more than 6 months.
- When fixture is powered on at 120V, press and hold the EMBB test button, it will enter EM mode.
- When fixture is in the EM mode(No power from 120V) and turned on, press and hold the test button for 3 seconds, the light will turn off and EMBB will enter sleep mode
- When the fixture is connected to 120V, it will light up directly and EMBB will exit the sleep modelifespan, It should not be left idle for more than 6 months.

| Input wire | |
|------------|-----------------|
| Black | A.C.Line(24/7) |
| White | Neutral |
| Red | A.C,Line Switch |
| Green | Ground |



USAGE INSTRUCTIONS

- 1.The installation of emergency lighting fixtures should be carried out by qualified professionals, and only after the wiring is properly connected can it be powered by the mains.
- 2.Ensure all wiring is connected, and prior to connecting to the mains, the battery should be connected.
- 3.When working with the wiring in battery discharge mode, it is imperative to disconnect the battery first to avoid live output, which poses risks of short circuit damage and electric shock.
- 4.After connecting the circuit to the mains, press the test switch. This will cause the entire lamp to switch from its normal charging mode (or normal lighting mode) to emergency mode. Releasing the switch will automatically restore the lamp to its charging mode.

IMPORTANT SAFEGUARDS





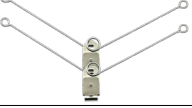







When using electrical equipment, basic safety precautions should always be followed including the following:

READ AND FOLLOW ALL SAFETY INSTRUCTIONS.

- Do not use outdoors.
- Do not mount near gas or electric heaters.
- Equipment should be mounted in locations and at heights where it will not be subjected to tampering by unauthorized personnel.
- The use of accessory equipment not recommended by the manufacturer may cause an unsafe condition.
- Do not use this equipment for other than its intended use
- Use within grounded, UL Listed, damp location rated fixtures and the enclosure is grounded.
- The equipment is intended for ordinary locations and for permanent installation into Listed emergency luminaires.

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ACCESSORIES

| Surface Mount Accessories | | | | Retrofit Accessories | | | |
|---------------------------|---|---|---|---|--|---|---|
| Size | Hole Plug | Screws | Wire Nuts | Hole Plug | Mounting Springs | E26 Adapter | Wire Nuts |
| 6inch |  |  |  |  |  |  |  |
| 8inch | |  |  | |  |  |  |

RECOMMENDED DIMMER

| LUTRON | | | | LEVITON | |
|----------------|-------------|-------------|------------|---------|-------|
| TG-600PR-WH | DVCL-153P | CT-103PR-WH | RCL-153RNL | 6672 | RNLO6 |
| CTCL-153PDH-WH | MSCL-OP153M | MACL-153MR | DVRF-6L | 6674 | DSL06 |
| TGCL-153PH-LA | PD-6WCL | DVWCL-153PH | CTCL-150H | | |

DIMENSION

