

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	Battery Type
DS10-06-15-UC5-DE	6inch	15W	2700K	1020lm	2.5W	3.2V LiFePO4
			3000K	1080lm		
			3500K	1150lm		
			4000K	1150lm		
			5000K	1125lm		
DS10-08-18-UC5-DE	8inch	18W	2700K	1220lm	4W	6.4V LiFePO4
			3000K	1300lm		
			3500K	1420lm		
			4000K	1470lm		
			5000K	1490lm		

Listing

ETL Listed.



Features

- Continuous dimming from 100% to 10% with many Triac Dimmers.
- Supports surface mount and recessed mount.

Technical Specification

Voltage	120V
Power Frequency	60Hz
Input Power (Charging)	3W 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
Led Indicator	Red indicator
Operating Temp	(50°F~122°F) 10~50°C
Rating	Suitable for Wet Locations
Warranty	5 year limited

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

Catalog Number:

Project Name:

Note:

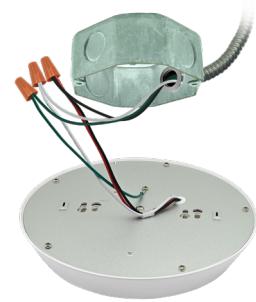
Date:

Type:

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 mode lifespan, 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.

Operation(Indicator Status)

Mode	Test Switch Operation	Indicator Status	Comment & Solutions
AC Mode	NO press	Red ON	Emergency power supply is charging or fully charged.
	Press and hold without releasing	Red OFF	Test enters emergency mode
Emergency Mode	NO Press	Red OFF	Emergency LED driver is conducting a long-term emergency test until battery is no power
Problem	The indicator light is off, the lamp fails to enter emergency mode, emergency power supply is abnormal. Contact the manufacturer.		

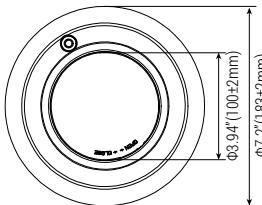
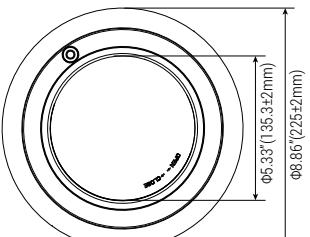
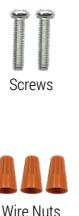
Important Safeguards

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.

Size & Dimension & Accessories

Size	Dimension	Accessories
6inch	 <p>Outer Diameter: $\Phi 7.2''(183\pm2mm)$ Inner Diameter: $\Phi 3.94''(100\pm2mm)$ Thickness: $0.36''(9\pm2mm)$</p>	 <p>Surface Mount Accessories</p>  <p>Retrofit Accessories</p>
8inch	 <p>Outer Diameter: $\Phi 8.86''(225\pm2mm)$ Inner Diameter: $\Phi 5.33''(135.3\pm2mm)$ Thickness: $0.36''(9\pm2mm)$</p>	 <p>Surface Mount Accessories</p>  <p>Retrofit Accessories</p>

Recommended Dimmer (The dimming function doesn't work in emergency conditions.)

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