LIRON LIGHTING
YOUR RELIABLE LIGHTING SOURCE

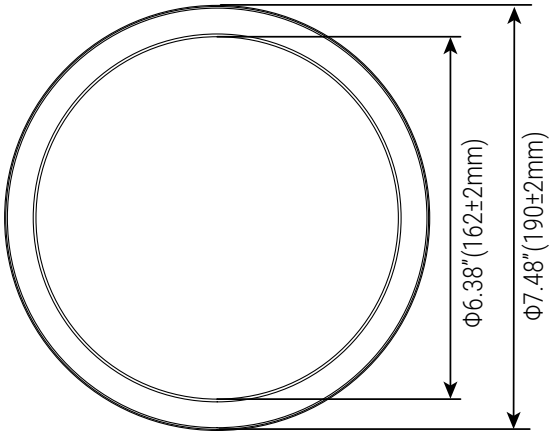
CL07 Series

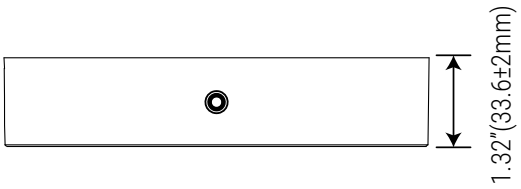
FIXTURE TYPE:
PROJECT NAME:
LOCATION:
DATE:

7" LED FLUSH MOUNT DOWNLIGHT WITH EMERGENCY BATTERY BACKUP

7inch

Dimensions





Specification

Material	Aluminum
Lens	Polystyrene Lens
Beam angle	120 degree
Color Temp	5CCT 2700K/3000K/3500K/4000K/5000K
CRI	90
Input Voltage	120-277V
Installation	Flush Mount
Efficacy	Up to 83 lm/W
LED Life Span	≥50,000 hours
Dimmable	Triac Dimming
Lumen Package	7" 1215lm
Warranty	5 Years
Ambient Operation Temperature	10°C (50°F) ~ 50°C(122°F)
Listing	ETL, Wet Location

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Features

- Ultra-bright LED flush mount downlights available in 7” sizes for versatile lighting solutions.
- Durable metal backplate and heat sink provide efficient heat dissipation and support reliable performance. Designed for easy surface-mount installation.
- The flat back seamlessly integrates with the ceiling, freeing up space and blending with any decor style.
- Compatible with most triac dimmers to give user a smooth 100%-10% dimming to choose the desired brightness.
- This fixture is built with the highest quality 120-277V drivers, ensuring energy efficiency.

Ordering Guide

Example: CL07-7IN15W-5CCT

Fixture Type	Size & Wattage	Color Temp	Voltage
CL07	7IN15W = 7 Inch 15Watt	5CCT =27K/30K/35K/40K/50K	Blank = 120V

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Performance Data

7inch	2700K	3000K	3500K	4000K	5000K
WATTAGE	**LUMEN**	**LUMEN**	**LUMEN**	**LUMEN**	**LUMEN**
15W	1185lm	1200lm	1225lm	1240lm	1215lm

EM-Mode

7inch	2700K	3000K	3500K	4000K	5000K
WATTAGE	**LUMEN**	**LUMEN**	**LUMEN**	**LUMEN**	**LUMEN**
6W	474lm	480lm	490lm	496lm	486lm

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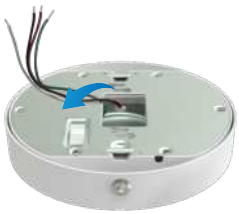
Installation

Testing is simple

Includes 2-in 1 test switch and charge indicator light

Selectable CCT



Installation hole position

- O 2.75" Junction Box installation hole
- O 3.5" Junction Box installation hole
- O 5" or 6" Recessed installation hole

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.

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

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 Button	Indicator Status	Comment & Solutions
AC MODE 1	NO Press	ON	Emergency Driver is charging.
AC MODE 2	Holding Press	ON	Emergency Driver is conducting an emergency test.Once release test button, the Emergency Driverrestore to normal charging mode.
Mode Emergency	NO Press	OFF	Emergency Driver is conducting a long-termemergency test until battery is fully discharged.
WARNING ⚠ Risk of Electric Shock	Note: Please press once test button to make certain the battery is turned off,before instalation.maintenance.storage orshipping.		