# Disc Light Dome
## Stainless Steel Construction

Durable LED marker light with dimming capability, perfect for indoor and outdoor use. Stainless steel construction ensures longevity in any setting.

## FEATURES

- Dimmable with dimmable power supplies
- Long life – 50,000 hours
- Low power consumption 3 watts per fixture
- Safe 12 volt, Class 2 power supply (not included)
- Up to 30 fixtures per power supply
- cETLus listed
- Fits in any 1.5" diameter hole, 4" long
- Lens: Clear tempered glass
- Available concrete form for concrete pour applications
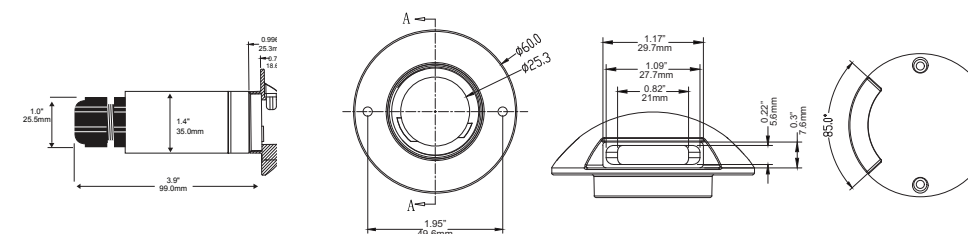- 3 years limited warranty

## APPLICATIONS

- Steps
- Aisles
- Paths
- Driveways
- Direction lighting
- Decorative lighting

### SPECIFICATIONS

| | | |
|---|---|---|
| Product Code | | LEDD-C-XX-D |
| Electrical | Input Voltage | 12V DC |
| | Power Consumption | 3W |
| Specs | Colour Temperature | Cool White 98 lumens @ 5500K; Warm White 95 lumens @ 2700K |
| | CRI | 80+ |
| | Lumen Output | 5500K: 98; 2700K: 95 |
| | Efficacy (LM/W) | 33 |
| | Dimmable | Yes |
| LED | Type | 5050 |
| | Life Span | 50,000 Hours |
| Design | Dimensions (Inches) | 3.9 x 1.95'' |
| | Dimensions (Millimeters) | 99 x 49.6mm |
| | Cover Finish | Stainless Steel (SUS316) |
| | Barrel Finish | Stainless Steel (SUS316) |
| | Max Single Run Length | 18 fixtures |
| | Approved Location | Outdoor |
| | Mounting | Burial, wall |
| Warranty | | 3 years |
| Approvals | | cETLus listed and labeled for wet, IC, ceiling, wall and direct burial applications |

- **Wiring Options:** Fixtures can be parallel wired or "Daisy chained" together with up to 18 fixtures on our largest dimmable driver.
- **NOTE:** Use LW-18G-CL2 for all in-wall applications. Use LW-18G-BUR for all burial applications.

## DIAGRAM



## PRODUCT CODES

LEDD-C–XX-D

| LED | COLOUR OF LED |
|---|---|
| Disc | WH - 5500K |
| Light | WW - 2700K |
| (Dome) | |

## REPLACEMENT LED MODULES

- **LEDD-MOD-WH**
  LED Disc Light module, 12V, white LED 5500K
- **LEDD-MOD-WW**
  LED Disc Light module, 12V, warm white LED 2700K

## INSTALLATION WIRES

- **LW-18G-BUR**
  For outdoor burial connections
- **LW-18G-CL2**
  For indoor through wall connections

NOTE: One of the above wires MUST be used in order to maintain product warranty.

### 100% LED Light Output Chart

With every foot of lead wire and every light fixture, there is voltage loss. With too much voltage loss all light fixtures will not develop 100% of their potential output. Below is a chart of acceptable voltage loss which will maintain 100% of the potential light output of the LED Disc Light. Simply plot the number of LED Disc Light you wish to place on one lead on the horizontal axis, with the total distance from the LED Driver to the last LED Disc Light on the vertical axis. If the resulting plot is at or below the line shown, you will have acceptable voltage loss and your LED Disc Light will output 100% of their potential.



### WARNING: LACK OF DRAINAGE WILL VOID THE WARRANTY

To maintain the warranty, a proper drainage system MUST be installed (drainage material or drainage pipe), when the product is installed in soil or concrete.



Concrete Installation

Paving Stones

Soil Installation

**Test drainage prior to installation.**

A quantity of water equal to the volume of the mounting hole should drain in 15 minutes or less.



SOFT GROUND

HARD GROUND

## ACCESSORIES



**LEDD-CF**

Recommended for easy installation in concrete pour applications..

## DIMMABLE DRIVERS

### MLDRE-20-12-DM

20 Watts

Max. recommended load 18 W or 6 LED Disc Lights

Min. recommended load 8 W or 3 LED Disc Lights

6.77" x 2.67" x 1.26" (171 x 68 x 32mm)

### MLDRE-60-12-DM

60 Watts

Max. recommended load 54 W or 18 LED Disc Lights

Min. recommended load 8 W or 3 LED Disc Lights

6.77" x 2.67" x 1.26" (171 x 68 x 32mm)

NOTE: For outdoor installations, please add E-KO-SR strain relief.

## NON DIMMABLE DRIVERS
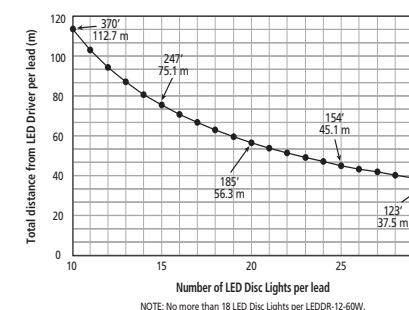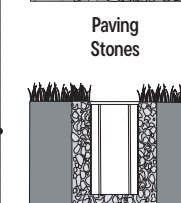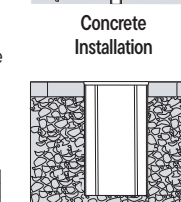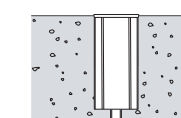
### LEDDR-12-20W-HW (Indoor)

20W hardwire

Input: 100 – 240V AC; Output: 12V DC

Max. 6 LED Disc Lights

4 1/8" x 4 1/8" x 1 1/2" (104.8 x 104.8 x 38.1mm)

### LEDDR-12-60W (Indoor/Outdoor)

60W hardwire

Input: 100 - 240V AC; Output: 12V DC

Max. 18 LED Disc Lights

9 11/16" x 2 9/16" x 2 1/16" (246 x 65 x 52mm)