

Disc Light

Versatile and robust, the LED Disc Light offers powerful illumination for both public and residential areas, whether indoors or outdoors. Durable and certified for wet conditions, it's great for enhancing decks, driveways, and patios with simple concrete pour setup.



FEATURES

- Fully dimmable with dimmable power supply (sold separately)
- 50,000-Hour LED life
- Low power consumption: 3 watts per fixture
- Safe 12 volt, Class 2 power supply (not included)
- Up to 30 fixtures per power supply
- Lens: Frosted or clear tempered glass
- cETLus listed
- Fits 1.5" diameter hole
- No UV, no infrared, no radiated heat
- 3 years warranty

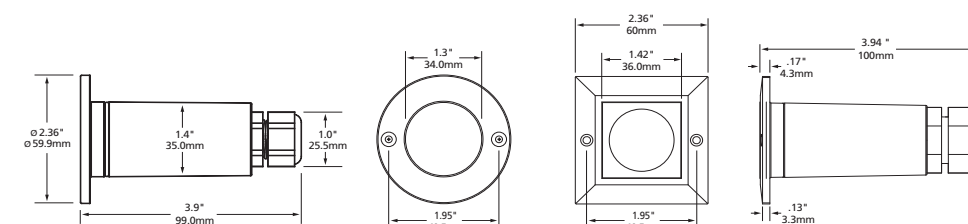
APPLICATIONS

- Steps
- Aisles
- Paths
- Driveways
- Direction lighting
- Information lighting
- Decorative lighting
- Merchandising
- Landscape accents

SPECIFICATIONS		
Product Code	LEDD-Y-XX (ROUND)	LEDD-Y-XX-SQ (SQUARE)
Electrical	Input Voltage	12V AC
	Power Consumption	3W
Specs	Colour Temperature	Cool White 98 lumens @ 5400K; Warm White 95 lumens @ 2900K
	CRI	80+
	Lumen Output	900LM Max.
	Efficacy (LM/W)	83
	Dimmable	Yes
	Beam Angle	120
LED	Type	5050
	Life Span	50,000 Hours
Design	Dimensions (Inches)	2.36 x 3.9"
	Dimensions (Millimeters)	60 x 99mm
	Cover Finish	Stainless steel
	Barrel Finish	Stainless steel
	Max Single Run Length	18 fixtures
	Approved Location	Outdoor
	Mounting	Recessed
Warranty	3 years	
Approvals	cETLus listed and labeled for wet, IC, ceiling, wall and direct burial applications	

NOTE: When installing Mini Disc Lights in harsh environments (such as limestone, salted areas, coastal environments, etc.) please use the stainless steel version to avoid the risk of corrosion to the body of the fixture.

DIAGRAM



PRODUCT CODES

ROUND

LEDD-Y-XX

- | | | |
|----------------|----------------|---------------|
| LED Disc Light | TEMPERED GLASS | COLOUR OF LED |
| | F - Frosted | WH - 5500K |
| | C - Clear | WW - 2700K |
| | | AM - Amber |

SQUARE

LEDD-Y-XX-SQ

- | | | |
|----------------|----------------|---------------|
| LED Disc Light | TEMPERED GLASS | COLOUR OF LED |
| | F - Frosted | WH - 5500K |
| | C - Clear | WW - 2700K |
| | | AM - Amber |

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.

ACCESSORIES



LEDD-CF

LED Disc Light concrete form for concrete pour applications. Fits over most 3/4" conduit junction boxes.

LEDD-CF-SQ

LED Disc Light Square concrete form for concrete pour applications. Fits over most 3/4" conduit junction boxes.

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)

NON DIMMABLE DRIVERS

LEDDR-12-20W-HW (Indoor)

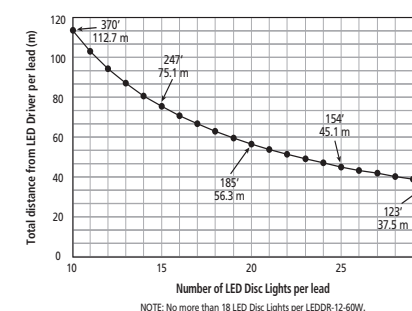
20W hardwire
Input: 100 - 240V AC; Output: 12V DC
Max. 6 LED Disc Lights
4 1/8" x 4 1/8" x 1 1/2" (104.8 x 104.8 x 38.1mm)

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)

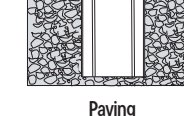
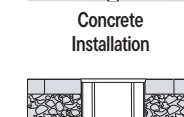
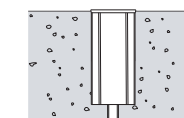
100% LED Light Output Chart

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.



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

