LED Disc Light

A robust LED marker light ideal for public or residential applications, indoor or outdoor.

FEATURES

- Fully dimmable with dimmable power supply (sold separately)
- Long life – 50,000 hours
- Low power consumption of 3 watts per fixture
- Safe 12 volt, Class 2 power supply (not included)
- Up to 30 fixtures per power supply
- cETLus listed for in-wall, IC ceiling, in-floor, outdoor wet, and outdoor burial applications
- Fits in any 1.5" diameter hole, 4" long
- No UV, no infrared, no radiated heat
- 3 year limited warranty

APPLICATIONS

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

PRODUCT CODES

ROUND
LEDD - Y - XX

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

SQUARE
LEDD - Y - XX - SQ

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

SPECIFICATIONS

Electrical	12V DC, 3.0W
Wiring Options	Fixtures can be parallel wired or "Daisy chained" together with up to 18 fixtures on our largest driver. See adjacent power supply chart for details. NOTE: Use LW-18G-CL2 for all in-wall applications. Use LW-18G-BUR for all burial applications.
LED Specs	5050
LED Life	50,000 hours
Lumen Output and Color Options	WH 98 lumens @ 5500K WW 95 lumens @ 2700K
CRI	> 80
Cover Finish	Stainless Steel
Barrel Finish	Stainless Steel
Lens	Frosted or Clear Tempered Glass
Approvals	cETLus listed and labeled for wet, IC, ceiling, wall and direct burial applications.

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
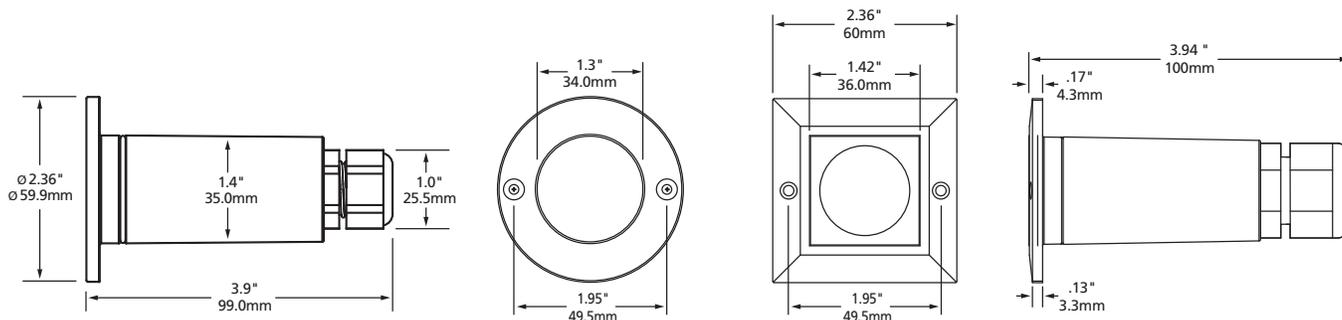
INSTALLATION WIRE

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.

Dimensions:
- Ø 2.36" / Ø 59.9mm
- 1.4" / 35.0mm
- 1.0" / 25.5mm
- 3.9" / 99.0mm
- 1.3" / 34.0mm
- 1.95" / 49.5mm
- 2.36" / 60mm
- 1.42" / 36.0mm
- 1.95" / 49.5mm
- 3.94" / 100mm
- .17" / 4.3mm
- .13" / 3.3mm

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.

INDOOR/OUTDOOR DIMMABLE DRIVERS

TRE12L20DC
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)

TRE12L60DC
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-12-60W
Indoor/Outdoor driver
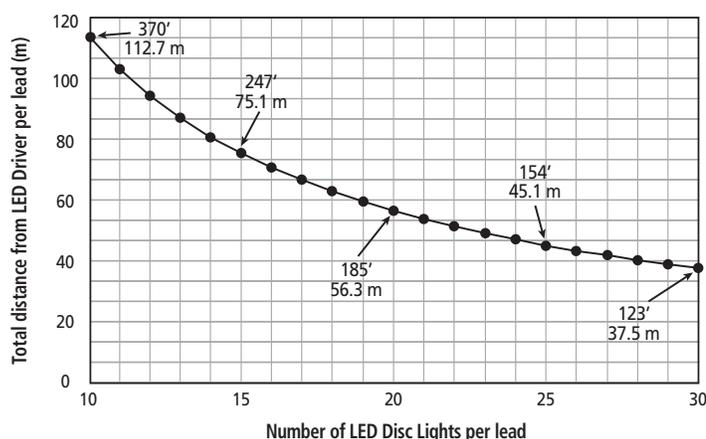60W hardwire
Input: 100 - 240V AC
Output: 12V DC
Max. 18 LED Disc Lights
9 11/16" x 2 9/16" x 2 1/16" (246 x 65 x 52mm)
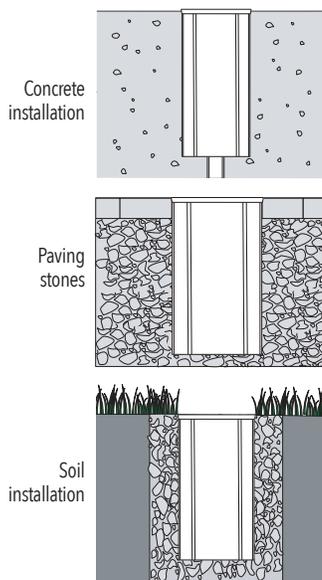
100% LED Light Output Chart

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.

Chart: Total distance from LED Driver per lead (m) vs. Number of LED Disc Lights per lead
- 370' / 112.7 m
- 247' / 75.1 m
- 185' / 56.3 m
- 154' / 45.1 m
- 123' / 37.5 m

NOTE: No more than 18 LED Disc Lights per LEDDR-12-60W.

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

Soil | Concrete | Drainage Material | Paving Stones