



### WARRANTY & RATING



### SPECIFICATIONS

- Wattage: 1.5W
- Voltage: 12V AC/DC
- Luminous Flux: 110lm
- Beam Angle: 60°
- Color Rendering Index (CRI): >90
- Lifespan: 40,000hrs
- Light Source: LED
- Color Temperature (CCT): 2700K/5000K (two models)
- Waterproof Rating: IP65
- Operating Temperature: -4°F to 122°F
- Material: Die-casted aluminum

### PRODUCT DESCRIPTION

The LEONLITE Classic Series offers enduring landscape lighting with its die-cast aluminum body, outlasting softer pressed aluminum options. Ideal for accenting retaining walls or as versatile paver lights, they ensure consistent, low-glare illumination with superior color accuracy.

### FEATURES & BENEFITS

- Robust die-cast aluminum body; superior to standard pressed aluminum; ideal for heavy-duty outdoor use.
- Customizable cut-to-size stainless steel plate; detachable light bar for effortless installation.
- Downward glare-free LED lighting; high CRI of 90 for accurate color representation.
- Energy-saving 1.5W LED technology; bright as 10W incandescent; reduces power costs.
- IP65 waterproof rating; reliable performance in wet conditions; suited for diverse landscapes.

### POWER AND ELECTRICAL FEATURES

- ETL and FCC certified, this product ensures safety and quality, operating at a low 1.5W and suitable for 12V AC/DC systems. Designed as an energy-efficient alternative to 10W incandescent lamps, it reduces energy use and costs.
- UL certified wiring and plug with durable tinned copper and waterproof P4 terminals offer reliability and safety. The power cord is about 9.19 feet (2800mm) long, allowing for flexible installation.

### DESIGN AND STRUCTURE

- Constructed from one-piece die-cast aluminum, this light fixture stands out for its thickness and durability, resisting deformation better than softer, pressed aluminum models, particularly in its panel design.
- Designed for versatility, it can be vertically embedded in the ground for a discreet pathlight/paver effect, where the light is visible but the fixture remains concealed.
- As part of a series with various lengths for similar uses, uniformity and performance are best achieved by using fixtures of the same length.

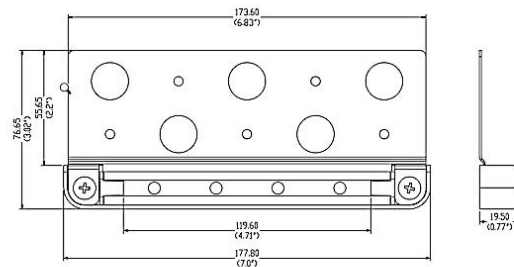
### ADDITIONAL COMPONENTS

- The package includes 2 waterproof wiring caps and 4 sets of screws and expansion bolts each, facilitating easy and secure installation of the light fixture.

### LED AND OPTICAL PERFORMANCE

- The LED light features 4 efficient and bright SMD 2835 chips, with a high CRI of 90 for accurate color rendering. Its luminous efficacy of 73 lumens per watt signifies excellent light output efficiency.

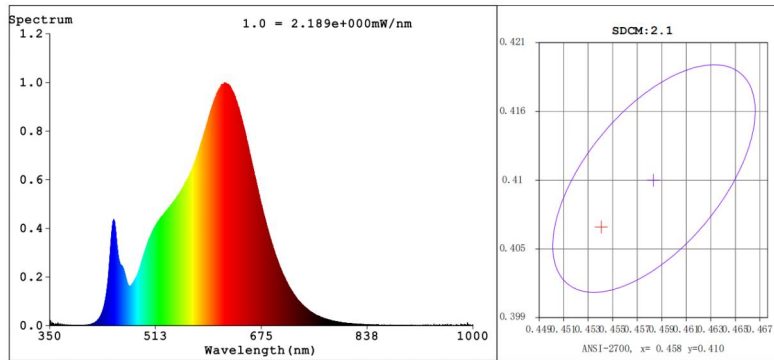
### PRODUCT DIAGRAM



Size in mm  
1" = 25.4mm.

## PHOTOMETRICS (2700K)

### Spectrum Test Report



#### Colorimetric Parameters

Chromaticity Coordinate:  $x=0.4537$   $y=0.4064/u'=0.2604$   $v'=0.5248$   
 CCT=2756K (Duv=-0.0010) Dominant WL:Ld =584.3nm Purity=58.1%  
 Peak WL:Lp=618.7nm FWHM=137.9nm  
 Render Index:Ra=93.0  
 R1 =94 R2 =97 R3 =99 R4 =94 R5 =94 R6 =97 R7 =90  
 R8 =79 R9 =55 R10=94 R11=96 R12=89 R13=95 R14=99 R15=88

#### Photometric & Radiometric Parameters

Flux=99.63 lm Eff.:63.11 lm/W Fe=342.8 mW

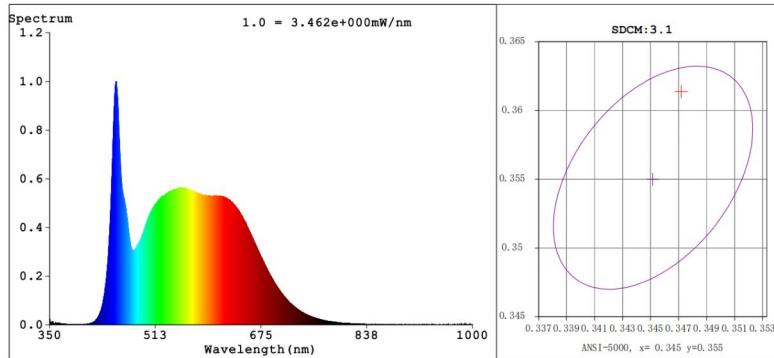
#### Electrical parameters

V=12.02 V I=0.2057 A P=1.579 W PF=0.6382  
 Freq=59.97 Hz  
 WHITE:ANSI\_2700K

Status: Integral T = 3565 ms Ip = 52416 (80%)  
 Test Mode: Fast Test; Sensitivity = High; Tecool: ON

## PHOTOMETRICS (5000K)

### Spectrum Test Report



#### Colorimetric Parameters

Chromaticity Coordinate:  $x=0.3467$   $y=0.3614/u'=0.2088$   $v'=0.4896$   
 CCT=4972K (Duv=0.0042) Dominant WL:Ld =569.5nm Purity=12.5%  
 Peak WL:Lp=452.1nm FWHM=21.7nm  
 Render Index:Ra=91.8  
 R1 =91 R2 =95 R3 =96 R4 =90 R5 =90 R6 =91 R7 =95  
 R8 =87 R9 =65 R10=86 R11=90 R12=63 R13=92 R14=98 R15=89

#### Photometric & Radiometric Parameters

Flux=132.0 lm Eff.:84.72 lm/W Fe=450.3 mW

#### Electrical parameters

V=12.00 V I=0.2024 A P=1.557 W PF=0.6411  
 Freq=59.99 Hz  
 WHITE:ANSI\_5000K

Status: Integral T = 2362 ms Ip = 52413 (80%)  
 Test Mode: Fast Test; Sensitivity = High; Tecool: ON

## Basic Retaining Wall and Paver Lighting

Designed for downward illumination to enhance wall textures, or to lie flush in pavements.



Centripeta Hardscape & Step Light - 4" Corto



Centripeta Hardscape & Step Light - 7" Tall



Centripeta Hardscape & Step Light - 12" Grante

## Rotatable Retaining Wall and Paver Lighting

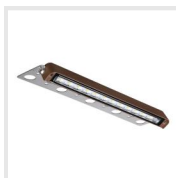
270° rotation for fine-tuning wall texture highlights or focusing on steps and paths.



Pivot Hardscape & Step Light - 4" Corto



Pivot Hardscape & Step Light - 7" Tall



Pivot Hardscape & Step Light - 12" Grante

## Basic Outdoor Pendant Lights

Hang from trees or gazebo/ pergola to bathe patios and lawns in soft, expansive lighting.



Cilindrico Outdoor Pendant & Patio Light



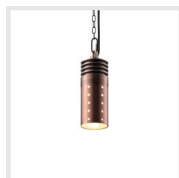
Calvo Outdoor Pendant & Patio Light

## Designer Crafted Ambient Pendant Lights

Permeable design for ambiance; textured elegance for outdoors.



Tiki Outdoor Pendant & Patio Light



Scheletro Outdoor Pendant & Patio Light

## Edge & Sparkle Light Series

Neon for bold outlines, strings for delicate points.



LeonLite® Pro Neon Rope Light



Luce Warm White String Light



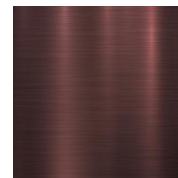
LeonLite® Pro LED Multi-color Outdoor String Light

## All Color Options

some models may have limited choices.



Brass Yellow



Red Bronze



Oiled Rubbed Bronze

## Compatible Accessories



Outdoor Transformer, AC to DC, 12V 60W, Timer & Photocell



Outdoor Transformer, AC to DC, 12V 100W, Timer & Photocell



Outdoor Transformer, AC to DC, 12V 120W, Timer & Photocell



Waterproof Wire Nuts - Large (For terminals/ multiple connections, fits 12AWG - 22AWG, up to 8 wires of 16/2)



Waterproof Wire Nuts - Medium (Fits 14AWG - 22AWG, up to 3 wires of 16/2)



Low Voltage Landscape Lighting Cable, 16/2

Note: Also available in 10/2, 12/2, 14/2 sizes.



Landscape Light Wire Connector (14-16 AWG Compatible)



EasyConnect Wire Connector (14-16 AWG Compatible)