



WARRANTY & RATING



SPECIFICATIONS

- Wattage: 4.5W
- Voltage: 12V AC/DC
- Luminous Flux: 310lm
- Beam Angle: 95°
- 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. Featuring a rotatable head for flexible lighting direction, it's ideal for accenting retaining walls or as versatile paver lights, ensuring 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.
- 180° Rotatable Light Head: Enables fine-tuning of wall texture highlights and precise light direction towards steps and pathways.
- Energy-saving 4.5W LED technology; bright as 12W incandescent; reduces power costs.
- IP65 waterproof rating; assured reliability in wet conditions; perfect for a variety of outdoor settings.

POWER AND ELECTRICAL FEATURES

- Product: ETL certified, with a total power consumption of 4.5 Watts and operating on 12V AC/DC. It is designed to replace 12W incandescent bulbs.
- Wiring and Plug: UL certified, with brass wiring. The connection method uses waterproof connector caps. The length of the power cord is 9.19 feet (2800mm).

DESIGN AND STRUCTURE

- Material Durability: Our fixtures feature thick, die-cast aluminum, more robust than commonly used stamped aluminum, ensuring less deformation.
- 180° Rotatable Head: Adjustable lamp head for targeted lighting, ideal for illuminating pathways and enhancing wall textures.
- Versatile Use: Designed for both standard and ground-insertion installation, providing even lighting similar to paver lights.
- Consistent Sizing: Available in various lengths, with a recommendation for uniform size selection for design consistency.

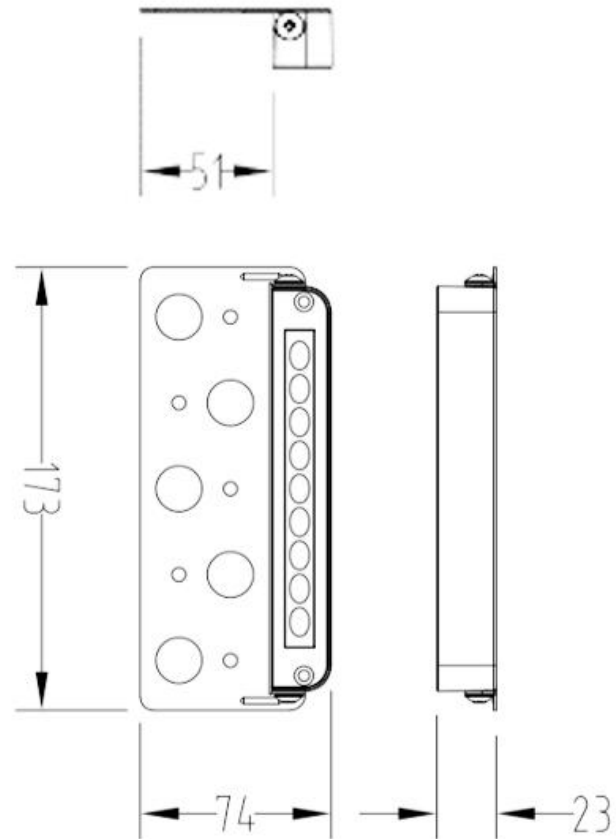
ADDITIONAL COMPONENTS

- Waterproof Connector Caps: 2 included.
- Screws and Expansion Bolts: 4 of each.
- Long Screws: 2 included.

LED AND OPTICAL PERFORMANCE

- The LED light features 9 efficient and bright SMD 2835 chips, with a high CRI of 90 for accurate color rendering. Its luminous efficacy of 110 lumens per watt signifies excellent light output efficiency.

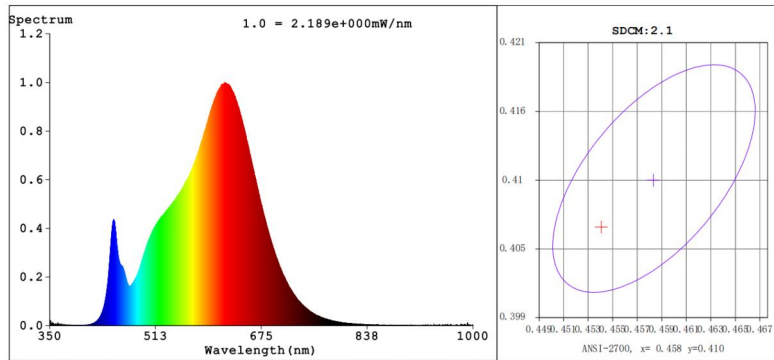
PRODUCT DIAGRAM



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

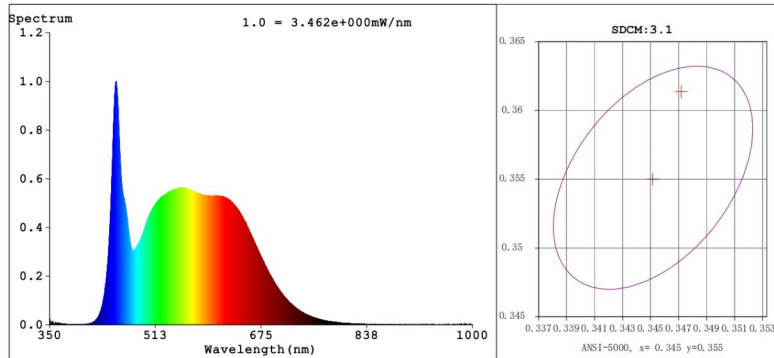
Electrical parameters

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

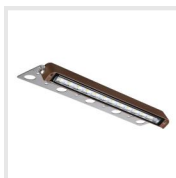
270° rotation for fine-tuning wall texture highlights or focusing on steps and paths.



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



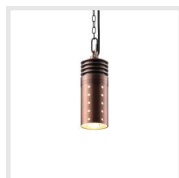
Calvo Outdoor Pendant & Patio Light

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



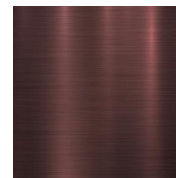
LeonLite® Pro LED Multi-color Outdoor String Light

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)