WARRANTY & RATING

WARRANTY 3 yrs

SPECIFICATIONS

- ttage: 5W
- Voltage: 12-24V AC/DC
- Luminous Flux: 300lm
- Beam Angle: 120°
- Color Rendering Index (CRI): 90
- Lifespan: 30,000hrs
- Light Source: LED
- Color Temperature (CCT): Available in 2700K and 4000K models
- Waterproof Rating: IP65
- Operating Temperature: -4°F-140°F
- Material: Material: Die-casting aluminum

PRODUCT DESCRIPTION

LEONLITE's LED Deck Light, with its modern downlight design, is great for outdoor ambient lighting. Sleek and compact (under 4 inches wide), it's ideal for American fences and stair posts. This light offers uniform LED illumination and low maintenance, perfect for prosumers and contractors.

FEATURES & BENEFITS

- Modern design, under 4 inches wide, fits U.S. fences and stairs.
- Child and pet-friendly low voltage design.
- IP65 waterproof for versatile use.
- Easy setup, complete accessories, no bulb replacement.
- UL certified cable, 3-year warranty.
- Available in 2700K and 4000K models.

POWER AND ELECTRICAL FEATURES

- Voltage: Operates on a low-voltage AC/DC, ranging from 12V to 24V for safety and efficiency.
- Cable Details: Includes a 3.94-foot (1.2-meter) UL-certified XTW cable, 20 gauge, capable of withstanding temperatures up to 221°F (105°C).

DESIGN AND STRUCTURE

- Ambient Lighting: Offers a broad 120° beam angle for wide-reaching illumination, ideal for outdoor settings.
- Compact Form: Sleek profile under 4 inches wide, seamlessly fitting into American fences and stair columns.
- Robust Build: The die-casted aluminum material ensures superior corrosion resistance and efficient heat dissipation.
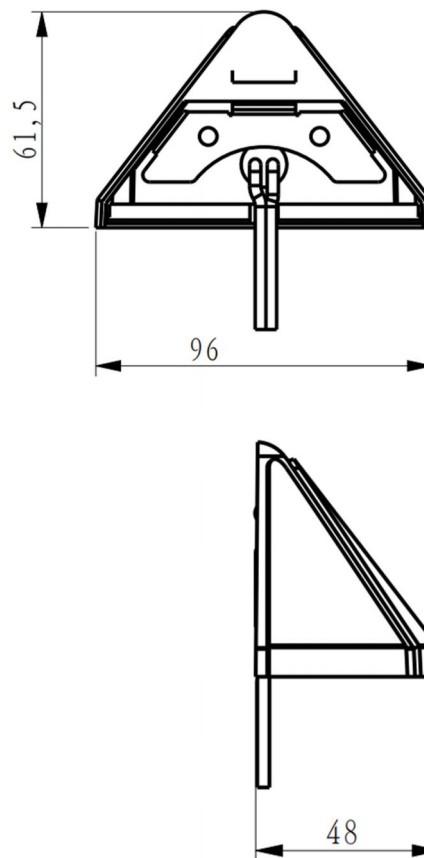
ADDITIONAL COMPONENTS

- Screws: Includes eight stainless steel screws for secure mounting.
- Mounting Brackets: Four stainless steel brackets ensure sturdy installation.
- Wiring Connectors: Equipped with eight S2 waterproof wire connectors for reliable outdoor use.
- Wall Plugs: Comes with eight plastic wall plugs for solid anchor points.
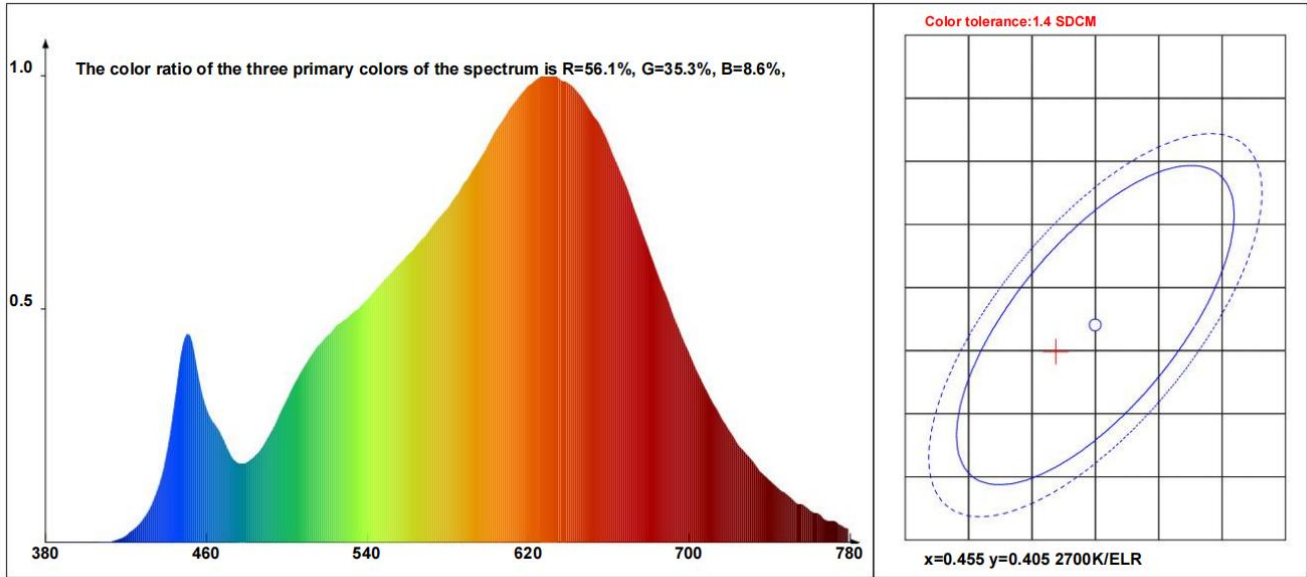
LED AND OPTICAL PERFORMANCE

- LED Type: Uses SMD2835 LEDs, totaling 18 beads.
- Color Temperature: Choice of 2700K or 4000K models.
- Luminous Flux: Bright output of 300 lumens.
- CRI: High color fidelity with a CRI of 90.

PRODUCT DIAGRAM

Size in mm
1" = 25.4mm.

PHOTOMETRICS

The color ratio of the three primary colors of the spectrum is R=56.1%, G=35.3%, B=8.6%,

Color tolerance:1.4 SDCM

x=0.455 y=0.405 2700K/ELR

Colorimetric parameters

Chromaticity coordinates: x=0.4519 y=0.4029   u=0.2608 v=0.3488   duv=-0.0022

Correlated color temperature: 2754K Main wavelength : 584.7nm Color purity : 56.6%

Luminous flux Color ratio: R=26.3%, G=72.2%, B=1.5% Peak wavelength: 628.7nm and a half Width :154.8nm

Color rendering index: Ra= 95.0

R1 =96	R2 =97	R3 =97	R4 =96	R5 =96	R6 =97	R7 =94	R8 =88
R9 =74	R10=93	R11=96	R12=87	R13=96	R14=97	R15=93	

Dual-Purpose Step and Deck Lights
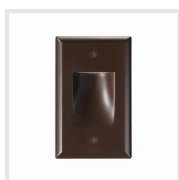Slim and safe, dual-purpose low-voltage lighting for steps and decks.

Tende Orizzontali Step & Deck Light

Retro Baffle Step & Deck Light

277V Compatible Commercial Step Lighting
Seamlessly integrates with commercial voltages.
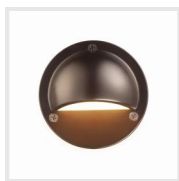
ZincTech Commercial Upright Gradience Step & Deck Light

ZincTech Commercial Parallel Gradience Step & Deck Light

ZincTech Commercial Louvered Step & Deck Light

Classic Glow Series
Retro design meets modern lighting.

Semisfera Deck & Rail Light

Quadrifoglio Deck & Rail Light

Pro Parallel Retro Louvered Step & Deck Light

Modern Elegance Series
Blending utility with modern aesthetics.

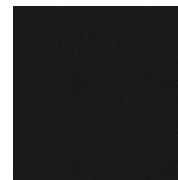Affusolato Deck & Rail Light

Nova Deck & Rail Light

Vertebre Deck & Rail Light

All Color Options
some models may have limited choices.

Satin Nickel

Matte Black

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)