



WARRANTY & RATING



SPECIFICATIONS

- Wattage: 3W
- Voltage: AC/DC 10V-16V
- Luminous Flux: 150lm
- Beam Angle: 30°
- Color Rendering Index (CRI): 90
- Lifespan: 30,000 hours
- Light Source: LED
- Color Temperature (CCT): 3000K warm white
- Waterproof Rating: IP65
- Operating Temperature: -4°F to 104°F
- Material: 304 stainless steel cover / Aluminum cover

PRODUCT DESCRIPTION

LEONLITE's Dual-Purpose Step and Deck Lights feature an ultra-slim, surface mount design, ideal for stair and railing installations. These low-voltage, 3W LED lights are safe for high-contact areas, providing consistent illumination with an integrated louver baffle to prevent glare and a frosted lens for a soft glow.

FEATURES & BENEFITS

- **Ultra-Slim & Safe:** Slim design with hidden blades prevents scratches, enhancing user safety.
- **Glare-Free Lighting:** Louvered baffle and frosted lens for a soft, even glow without harsh glare.
- **Flexible Placement:** Suitable for steps, railings, and stair posts due to low-voltage operation and sleek design.
- **Surface Mounting:** Drill-only installation, no surface cutting needed.
- **Durable & Weatherproof:** IP65 rated with corrosion-resistant cover, perfect for outdoor environments.

POWER AND ELECTRICAL FEATURES

- ETL Certified: Ensures safety and reliability, operating at a voltage range of DC/AC 10-16V and a current of 0.0187A.
- UL Listed Wiring: Features tinned copper wires and waterproof cap connectors, with a gauge of 18AWG for secure and durable electrical connections.

DESIGN AND STRUCTURE

- Offers two models with either an oil-rubbed bronze powder-coated aluminum cover or a 304 stainless steel cover.
- Dual-Purpose Design: The ultra-slim lamp body with a hidden blade design ensures safety and versatility, suitable for mounting on steps, railings, and posts in American courtyard decks without the risk of scratches.
- Glare-Free Illumination: The louver baffle design coupled with a frosted glass lens offers a uniform glow, expanding the lighting range and reducing glare for an improved lighting experience.

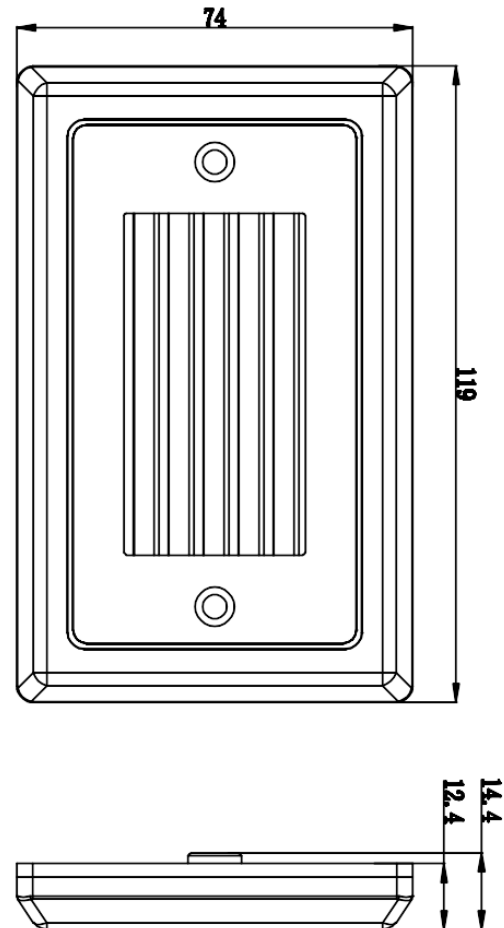
ADDITIONAL COMPONENTS

- Screws: 2 stainless steel screws.
- Wire Caps: 2 caps included.
- Expansion Screws: 2 provided for secure mounting.
- Plastic Hole Plugs: 2 plugs for installation ease.

LED AND OPTICAL PERFORMANCE

- Efficient Lighting: Operates at 3W power and a current of 0.0187A, producing 150 lumens.
- Quality LED Technology: Equipped with 24 SMD2835 LEDs, delivering a high color rendering index (CRI) of ≥ 90 , ensuring vibrant and true-to-life colors.

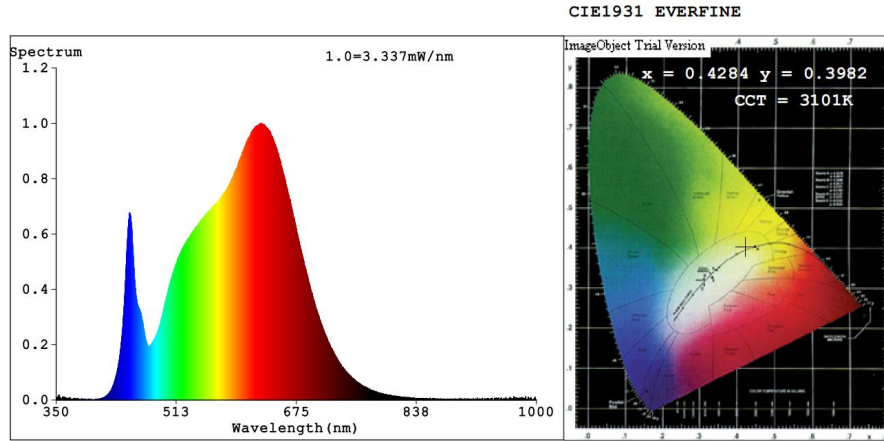
PRODUCT DIAGRAM



Size in mm
 1" = 25.4mm.

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PHOTOMETRICS



Color Parameters:

Chromaticity Coordinate: $x=0.4284$ $y=0.3982$ / $u'=0.2476$ $v'=0.5178$
 CCT=3101K (Duv=-0.0011) Dominant WL:Ld =582.8nm Purity=48.1%
 Ratio:R=24.1% G=73.1% B=2.8% Peak WL:Lp=626.9nm FWHM=171.5nm
 Render Index:Ra=94.8 CRI=92.4 AvgR=92.5
 R1 =96 R2 =96 R3 =94 R4 =96 R5 =96 R6 =95 R7 =95
 R8 =90 R9 =76 R10=90 R11=96 R12=81 R13=96 R14=96 R15=94

Photo Parameters:

Flux = 167.0 lm Eff. : 59.14 lm/W Fe = 596.9 mW

Electrical parameters:

V = 12.008 V I = 0.2351 A P = 2.823 W PF = 1.000

Status: Integral T = 124 ms Ip = 42561 (65%)

Dual-Purpose Step and Deck Lights

Slim and safe, dual-purpose low-voltage lighting for steps and decks.



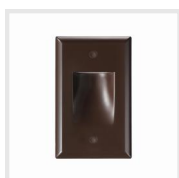
Tende Orizzontali Step & Deck Light



Retro Baffle Step & Deck Light

277V Compatible Commercial Step Lighting

Seamlessly integrates with commercial voltages.



ZincTech Commercial Upright Gradience Step & Deck Light



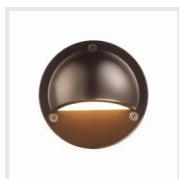
ZincTech Commercial Parallel Gradience Step & Deck Light



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



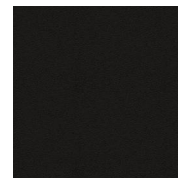
Vertebre Deck & Rail Light

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)