WARRANTY & RATING

WARRANTY 3 yrs

ETL LISTED c US Intertek

SPECIFICATIONS

- Wattage: 5W
- Voltage: AC/DC 12V - 24V
- Luminous Flux: 250lm
- Beam Angle: 120°
- 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-140°F
- Material: Aluminum

PRODUCT DESCRIPTION

LEONLITE's LED Fence Down Lights are perfect for fences and stair columns, offering a discreet 'Small Brim' design for downward, anti-dazzling light. Their low voltage compatibility makes them ideal for most landscape lighting systems, with a durable, waterproof build and dual port design for easy wiring.

FEATURES & BENEFITS

- Anti-glare 'Small Brim' design, neighbor-friendly lighting.
- Compatible with 12V systems, easy prosumer and contractor integration.
- Innovative double port design, concealed wiring for aesthetic appeal.
- CRI90 for true-to-life colors, ultra-bright 250LM for enhanced visibility.
- IP65 waterproof, durable oil-rubbed bronze finish, stainless steel mounting for extended outdoor use.

POWER AND ELECTRICAL FEATURES

- ETL certified for safety, this light operates on a low voltage AC/DC 12V-24V, ideal for pet and child safety and compatible with most 12V landscape systems.
- Comes with a UL-listed E215415 wire, type XTW, 20 gauge, rated for 105°C. The exposed wire length is approximately 3.94 feet (1.2 meters).

DESIGN AND STRUCTURE

- Features a 'Small Brim' anti-glare design with downward lighting to avoid disturbance to neighbors.
- Unique up & down double port design for hidden wiring, suitable for various installation locations like deck railings, porches, eaves, and trellises.
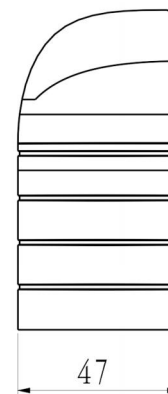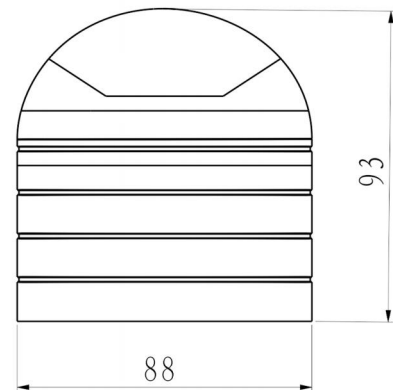
ADDITIONAL COMPONENTS

- Screws: 2 stainless steel screws for secure fitting.
- Drilling Template: 1 printed paper template for precise installati
- Mounting Bracket: 1 stainless steel bracket for robust support.
- Waterproof Connectors: 2 plastic S2 waterproof wire connectors for durable connections.
- Wall Plugs: 2 plastic wall plugs for stable anchoring.

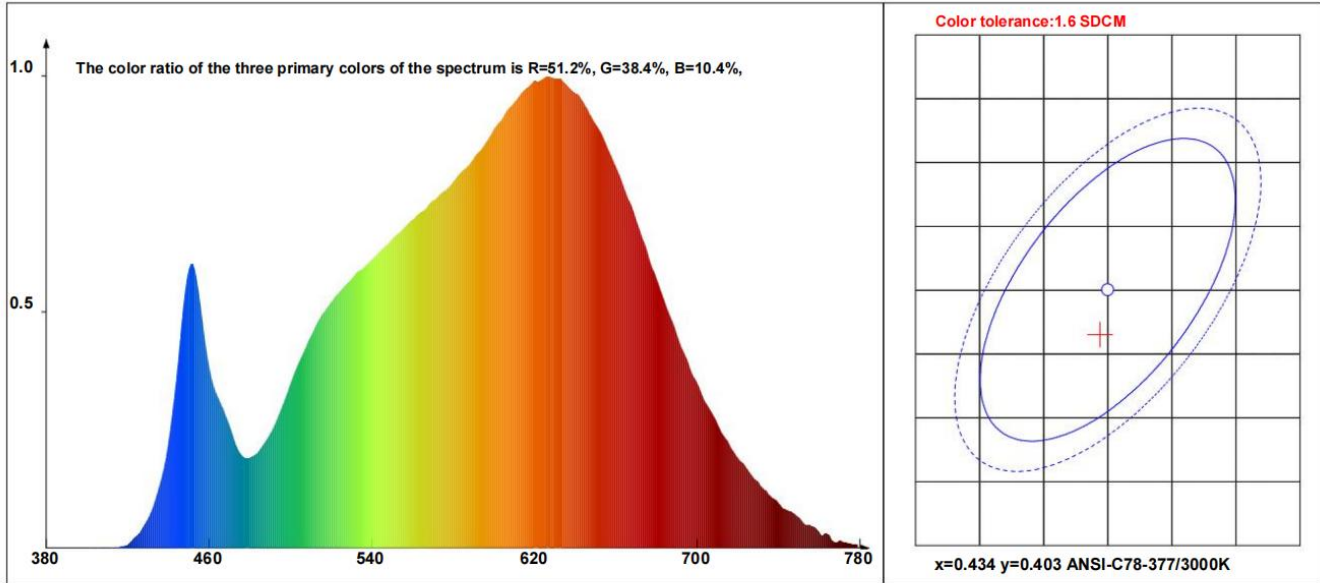## LED AND OPTICAL PERFORMANCE

- 5W LED with a total luminous flux of 250 lumens for bright illumination.
- Features 18 SMD2835 LED beads, providing direct lighting with a warm 3000K color temperature and a high CRI of 90 for accurate color representation.

PRODUCT DIAGRAM

93

88

47

Size in mm
1" = 25.4mm.

PHOTOMETRICS

The color ratio of the three primary colors of the spectrum is R=51.2%, G=38.4%, B=10.4%,

Color tolerance:1.6 SDCM

x=0.434 y=0.403 ANSI-C78-377/3000K

Colorimetric parameters

Chromaticity coordinates: x=0.4332 y=0.3995   u=0.2501 v=0.3460   duv=-0.0013

Correlated color temperature: 3027K Main wavelength : 583.2nm Color purity : 49.9%

Luminous flux Color ratio: R=24.2%, G=74.1%, B=1.7% Peak wavelength: 626.7nm and a half Width :168.9nm

Color rendering index: Ra= 93.7

R1 =94	R2 =95	R3 =94	R4 =95	R5 =95	R6 =96	R7 =95	R8 =88
R9 =71	R10=87	R11=94	R12=80	R13=94	R14=96	R15=92	

Dual-Purpose Step and Deck Lights

Slim and safe, dual-purpose low-voltage lighting for steps and decks.
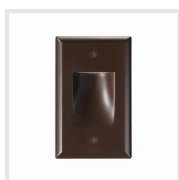
Tende Orizzontali Step & Deck Light

Retro Baffle Step & Deck Light

277V Compatible Commercial Step Lighting

Seamlessly integrates with commercial voltages.
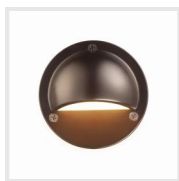
ZincTech Commercial Upright Gradience Step & Deck Light

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.

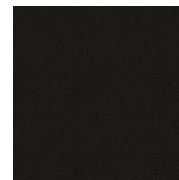Affusolato Deck & Rail Light

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)