



## WARRANTY & RATING



## SPECIFICATIONS

- Wattage: 5W
- Voltage: AC 120V
- Luminous Flux: 170lm
- Beam Angle: 15° (side), 120° (front)
- Color Rendering Index (CRI): 90
- Lifespan: 30,000hrs
- Light Source: LED
- Color Temperature (CCT): 3000K Warm White
- Waterproof Rating: IP65
- Operating Temperature: -4°F to 104°F
- Material: Aluminum & Iron

## PRODUCT DESCRIPTION

Enhance your space with the LEONLITE LED Step Light, featuring a classic louvered design for glare-free illumination on stairs and walls. With 120V direct line voltage, it requires no transformer, simplifying installation. Its sleek build fits any decor, and the smooth louvers enhance safety for both indoor and outdoor use.

## FEATURES & BENEFITS

- Glare-free louvered design for safety and elegance.
- Fully dimmable from 5% to 100% for customizable ambiance.
- ETL listed, suitable for extreme temperatures.
- Easy install with 120V direct line voltage, transformer-free.
- Broad lighting with a larger LED panel in a slim, safe design.

### POWER AND ELECTRICAL FEATURES

- Certified by ETL, this product is designed for AC120V and 60Hz power systems, drawing a current of 35mA.
- The wiring is UL listed, made of durable brass, and features P3 wire caps for secure connections.
- For outdoor wiring, adherence to electrical standards and use of waterproof, age-resistant wires is recommended for safety and longevity.

### DESIGN AND STRUCTURE

- Features a large light-emitting LED panel for expansive coverage.
- Slim profile with a smooth louver surface to minimize harm and glare, directing light precisely onto steps.
- Classic design with a grille that focuses light downward for targeted step illumination, ideal for both indoor and outdoor use on stairways and wall surfaces.
- Constructed with a combination of aluminum for the faceplate and iron for clasps, available in white or oil-rubbed bronze, providing durability and resistance to corrosion.

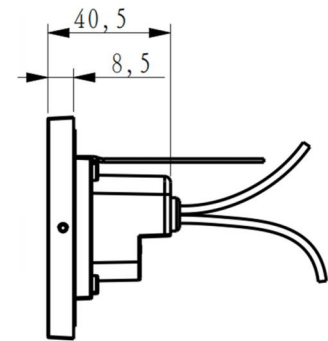
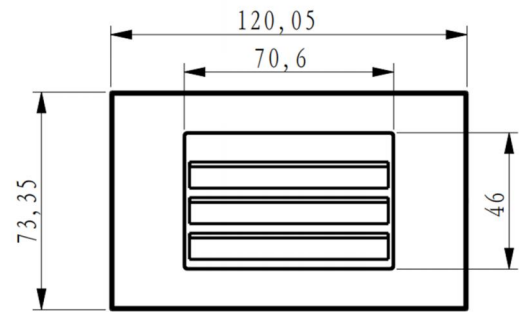
### ADDITIONAL COMPONENTS

- Hex Wrench: One per three lights, dimensions 4.13×2.34×0.06 inches
- Screws: Two per light, size 8#-32\*22
- Wire Caps: Three per light, dimensions  $\phi$ 0.49×0.85 inches

### LED AND OPTICAL PERFORMANCE

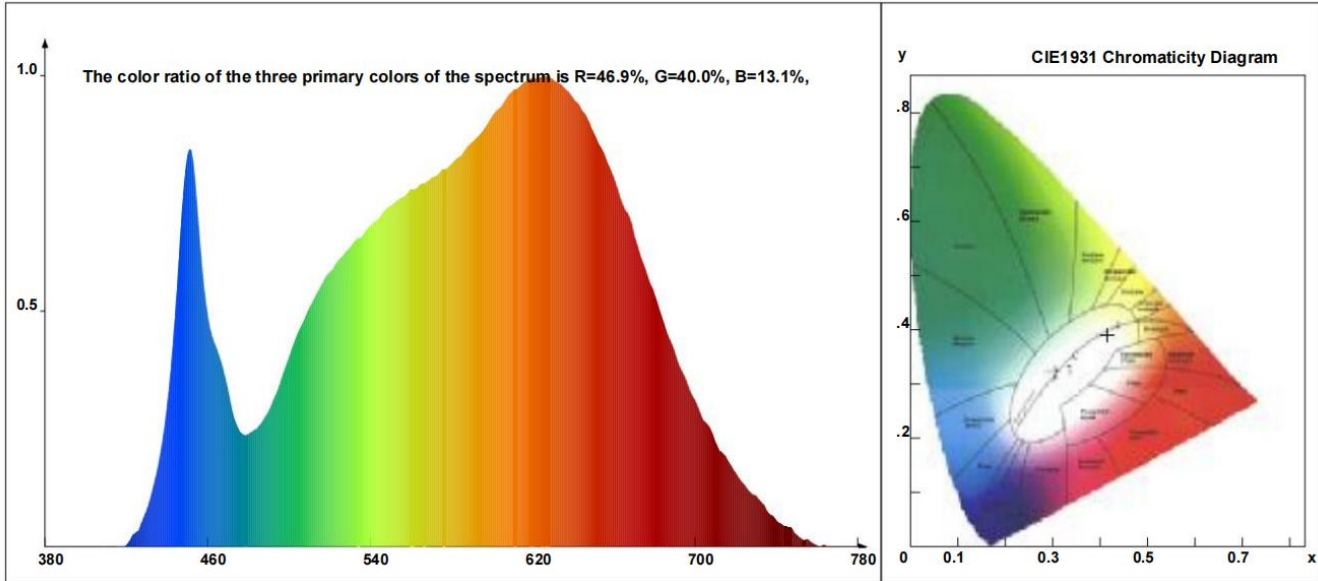
- Fully dimmable with a range from 5% to 100%, compatible with well-known dimmer models including Lutron DV-600P, PD-6WCL, MACL-153M, 603P, and Leviton DSL06, RNL06.
- High CRI of 90, indicating superior color accuracy.
- Six SMD LEDs sized at 1.77×0.39 inches.
- Luminous output of 170 lumens, specially designed with a louvered pattern for diffused light.

### PRODUCT DIAGRAM



Size in mm  
1" = 25.4mm.

## PHOTOMETRICS



### Colorimetric parameters

Chromaticity coordinates:  $x=0.4153$   $y=0.3903$   $u=0.2424$   $v=0.3417$   $duv=-0.0022$

Correlated color temperature: 3286K Dominant wavelength : 582.6nm Color purity : 41.8% Luminous flux Color ratio: R=22.8%, G=75.2%, B=2.0% Peak wavelength: 626.7nm and a half Width :173.0nm

### Color rendering index: Ra= 92.4

<b>R1 =93</b>	<b>R2 =94</b>	<b>R3 =93</b>	<b>R4 =96</b>	<b>R5 =94</b>	<b>R6 =91</b>	<b>R7 =91</b>	<b>R8 =86</b>
<b>R9 =71</b>	<b>R10=86</b>	<b>R11=95</b>	<b>R12=74</b>	<b>R13=93</b>	<b>R14=95</b>	<b>R15=91</b>	

## Dual-Purpose Step and Deck Lights

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



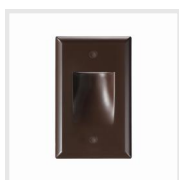
Tende Orizzontali Step & Deck Light



Retro Baffle Step & Deck Light

## 277V Compatible Commercial Step Lighting

Seamlessly integrates with commercial voltages.



ZincTech Commercial Upright Gradience Step & Deck Light



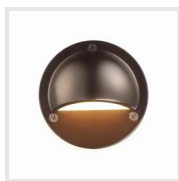
ZincTech Commercial Parallel Gradience Step & Deck Light



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)