

## WARRANTY & RATING



## SPECIFICATIONS

- Wattage: 3.5W
- Voltage: AC120V
- Luminous Flux: 150lm
- Beam Angle: 30°
- Color Rendering Index (CRI): 90
- Lifespan: 30,000 hours
- Light Source: LED
- Color Temperature (CCT): 2700K/3000K/3500K/4000K/5000K selectable
- Waterproof Rating: wet location
- Operating Temperature: -20-45°C/-4-113°F
- Material: Aluminum & iron

## PRODUCT DESCRIPTION

Discover LEONLITE's 120V LED Step Lights, featuring a hidden light source to prevent glare, and a smooth 5%-100% dimmable range. Suitable for both indoor and outdoor settings, these lights offer 5 selectable color temperatures, ensuring consistent lighting in any environment. The high CRI90 enhances visual comfort, making them ideal for staircases and walls.

## FEATURES & BENEFITS

- **Anti-Glare Design:** Hidden light source minimizes discomfort and eye strain.
- **Color Temperature Choice:** 2700K/3000K/3500K/4000K/5000K options, ensuring consistent lighting.
- **Adjustable Brightness:** Dimmable from 5% to 100%, tailoring light to your needs.
- **Waterproof and Durable:** Ideal for both indoor and outdoor settings.
- **Simple Integration:** Easily replaces old lights, compatible with standard junction boxes.
- **True Color Rendering:** High CRI90+ for vibrant, natural-looking colors.

### POWER AND ELECTRICAL FEATURES

- Product Safety Certification: ETL certified at 3.5W. Voltage is 120V (no transformer required). Current is 0.03A. Power solution incorporates DOB-ICNE2531 technology.
- Wires and Plug: Features a UL-certified brass plug with a length of 5.9 inches. The wire type is SJTW UL power cord, specifically UL power cord 1015#18.

### DESIGN AND STRUCTURE

- Material and Finish: Aluminum faceplate with iron clasp, available in Oil Rubbed Bronze and Ebony Black models.
- Anti-Glare Design: Concealed light source to minimize glare.
- Comes with a waterproof gasket, but caulking is suggested for enhanced waterproofing outdoors.

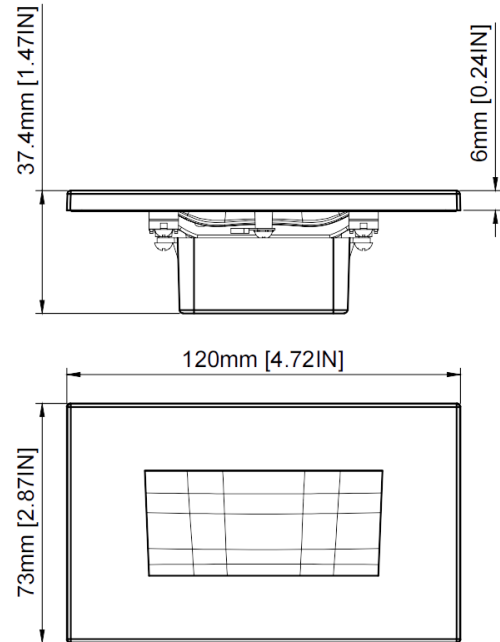
### ADDITIONAL COMPONENTS

- Iron Bracket: Includes 1 bracket, size approximately 4.13 × 2.34 × 0.06 inches.
- Screws: Comes with 2 screws, each 8#-32 size and 0.87 inches long.
- Wire Caps: Provides 3 wire caps, each about 0.49 inches in diameter and 0.86 inches long.

### LED AND OPTICAL PERFORMANCE

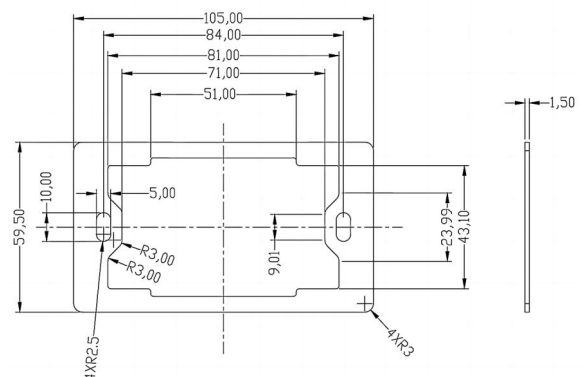
- Dimming Capability: Supports TRIAC dimming, with a dimming range of 5%-100%. Compatible with multiple dimmer models including "Lutron: CT-600P, CTCL-153P, 6633-P, DVCL-153P, DLC03P, AYCL-153P, S-600P, CTCL-153P, LGCL-153P, MACL-153MR, TG-600PR, SCL-153, CTCL-153, S-600PR-WH, SCL-153P-WH, MACL-153M-IV, TGCL-153PH-WH, CTCL-153P-AL, S-600PR-WH, DVCL-153P, SCL-153P, MACL-153M, GCL-153P, S-660P, DV-600P, PD-6WCL, MACL-153M, 603P; Leviton: 6674, IPL06, TBL03, DVWCL-153PH-WH, IP10-1LZ, IPL06-10Z, NO.6674, NO.6672, DSL06-1LZ, IPL06-10Z, 6672-1LW, 6674-POI, DSL06, RNL06; Legrand: 75MB; Cooper: SI06P."
- LED Performance: Features 12 LED beads, each 2835 SMD type, with a high CRI of 90 and an efficacy of 50 LM/W.

### PRODUCT DIAGRAM



Size in mm  
1" = 25.4mm.

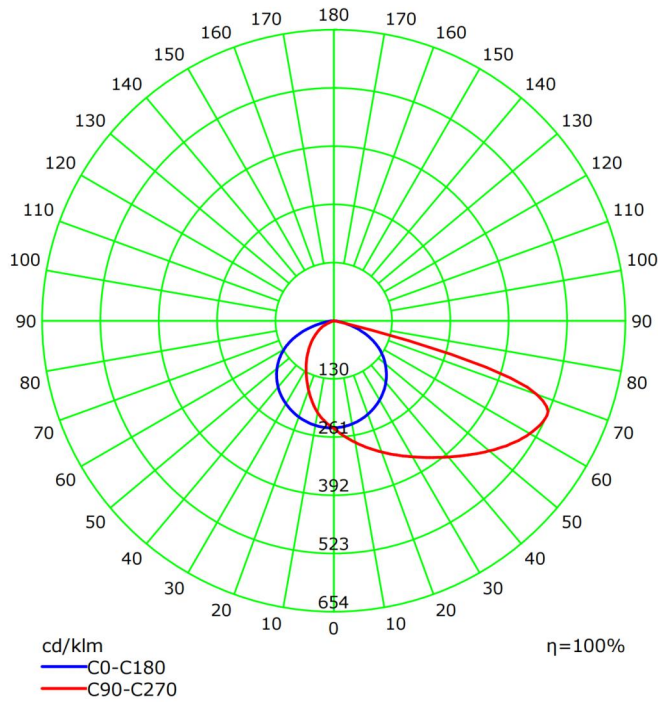
### ACCESSORIES DIAGRAM



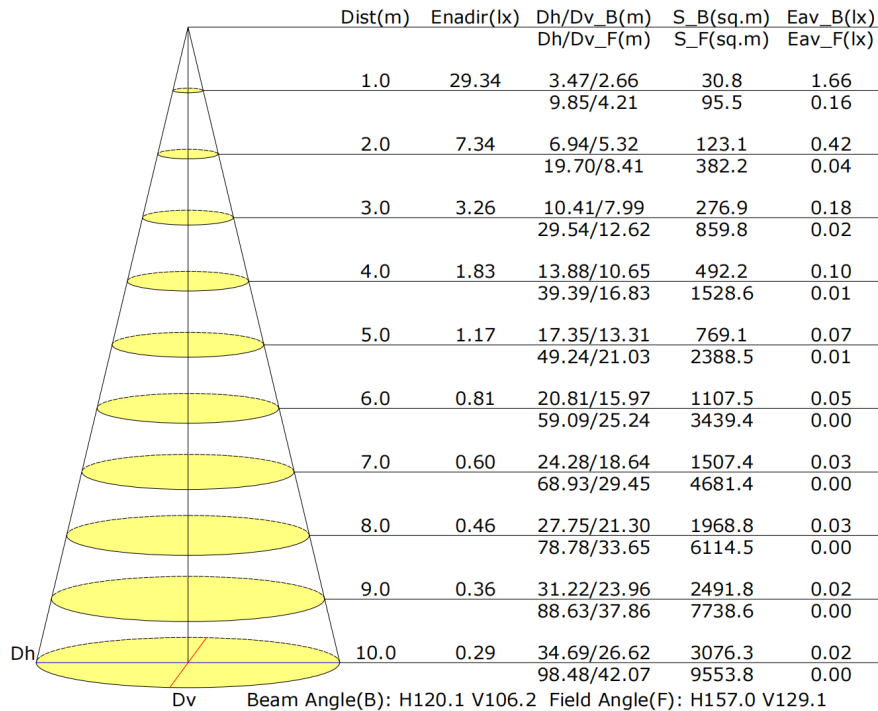
Size in mm  
1" = 25.4mm.

### PHOTOMETRICS

**Luminous Intensity Distribution Curve(cd/klm)**



### Illuminance at a Distance



## Dual-Purpose Step and Deck Lights

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



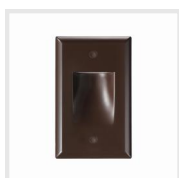
Tende Orizzontali Step & Deck Light



Retro Baffle Step & Deck Light

## 277V Compatible Commercial Step Lighting

Seamlessly integrates with commercial voltages.



ZincTech Commercial Upright Gradience Step & Deck Light



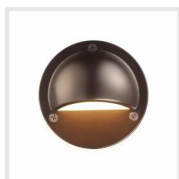
ZincTech Commercial Parallel Gradience Step & Deck Light



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



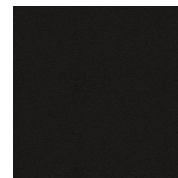
Vertebre Deck & Rail Light

## 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)