



## WARRANTY & RATING



## SPECIFICATIONS

- Wattage: 3 watts
- Voltage: AC100V-277V
- Luminous Flux: 150LM
- Beam Angle: 30°
- Color Rendering Index (CRI): 90.00
- Lifespan: 30000 Hours
- Light Source: LED
- Color Temperature (CCT): 2700K/3000K/4000K Adjustable
- Waterproof Rating: IP65
- Operating Temperature: -4°F - 104°F (-20-40°C)
- Material: Aluminum Alloy

## PRODUCT DESCRIPTION

Our Dimmable 3CCT LED Step Lights support a 100V-277V range, catering to outdoor commercial needs, including 277V setups. The frosted black design complements dark wood or stone, while the protruding surface cover reduces glare. The adjustable 3CCT feature ensures lighting consistency, making integration with existing fixtures seamless.

## FEATURES & BENEFITS

- Wide voltage range (100V-277V) for diverse outdoor commercial use
- Protruding surface cover to minimize glare for enhanced safety
- ETL certified, 3-year warranty, IP65 waterproof for reliability and durability
- High CRI90+ for natural, vibrant color rendering
- Adjustable brightness, 3CCT options for matching existing lights

### POWER AND ELECTRICAL FEATURES

- ETL certified for safety and compliance, suitable for a broad voltage range of AC100V-277V, designed to support outdoor commercial applications including the use of 277V in the US.
- The electrical connections utilize UL certified 18AWG tinned copper wires, secured with P4 spiral waterproof connectors for reliable outdoor use.

### DESIGN AND STRUCTURE

- Constructed with an aluminum alloy casing in a modern frosted black finish, featuring a unique protruding surface cover designed to minimize glare for improved visual comfort.

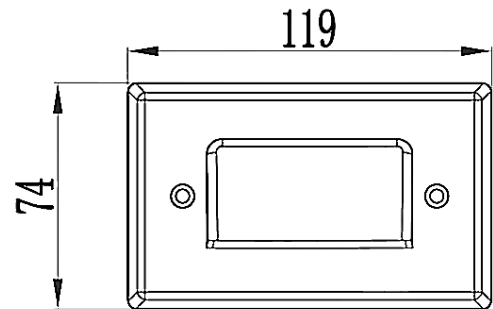
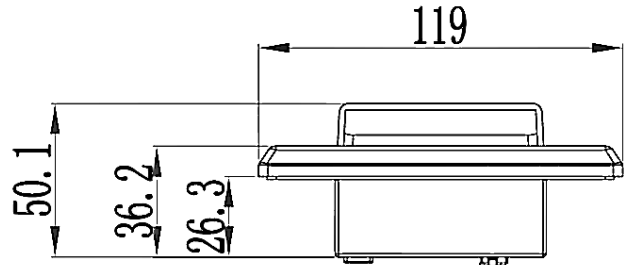
### ADDITIONAL COMPONENTS

- 2 stainless steel screws
- 3 waterproof caps
- 2 plastic hole plugs
- 1 pre-installed EVA foam

### LED AND OPTICAL PERFORMANCE

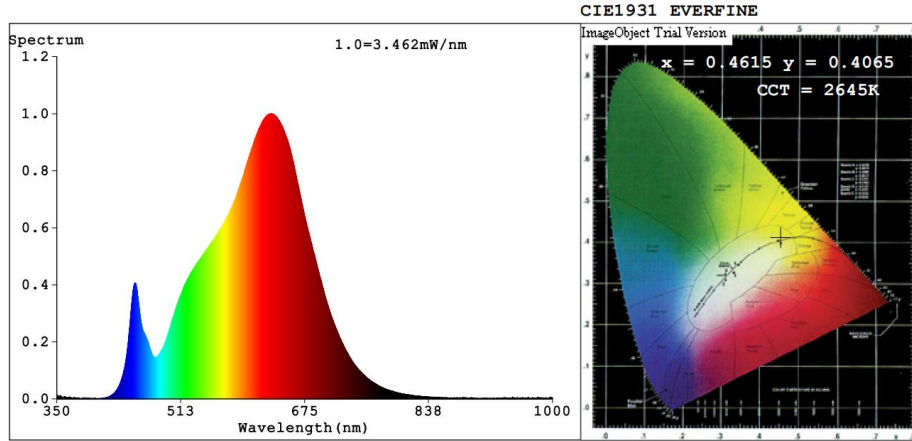
- Equipped with 15 SMD 2835 LEDs, operating at 0.025A to provide 50lm/w efficiency and a high color rendering index (CRI) of 90 for accurate color representation.
- The fixture is dimmable from 10 to 100%, utilizing TRIAC dimming technology for flexibility in lighting ambiance. It is compatible with a wide array of dimmers including models from LUTRON (DVCL-153PR, TGCL-153P, DVCL-253P, AYCL-153P, SCL-153PR-WH, SCL-153-LA, CTCL-153P, S-603PG, DVCL-153P, LGCL-153P, DV-600P, CTELV-303P-WH, MACL-153MR-WH, MACL-153P, PD-6WCL-WH), Leviton (CD-R00-RNL06-12, CD-C22-06672-12A, CD-R00-RNL06-OTW), TP-Link (HS220), and Legrand (RIICL453PNICCV4) for comprehensive compatibility.

### PRODUCT DIAGRAM



Size in mm  
1" = 25.4mm.

PHOTOMETRICS(2700K)



**Color Parameters:**

Chromaticity Coordinate:  $x=0.4615$   $y=0.4065$  /  $u'=0.2654$   $v'=0.5260$   
 CCT=2645K (Duv=-0.0017) Dominant WL:Ld =585.0nm Purity=60.5%  
 Ratio:R=27.3% G=70.4% B=2.2% Peak WL:Lp=631.1nm FWHM=147.8nm  
 Render Index:Ra=95.4 CRI=93.3 AvgR=93.4  
 R1 =97 R2 =98 R3 =96 R4 =96 R5 =96 R6 =97 R7 =94  
 R8 =89 R9 =75 R10=93 R11=96 R12=85 R13=97 R14=97 R15=94

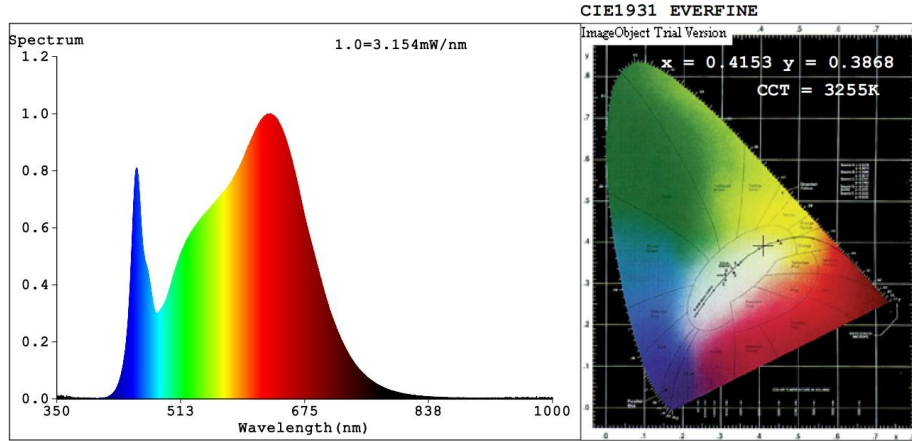
**Photo Parameters:**

Flux = 150.3 lm Eff. : 58.26 lm/W Fe = 562.9 mW

**Electrical parameters:**

V = 119.83 V I = 0.02320 A P = 2.579 W PF = 0.9276  
 LEVEL:OUT WHITE:ANSI\_2700K

PHOTOMETRICS(3000K)



**Color Parameters:**

Chromaticity Coordinate:  $x=0.4153$   $y=0.3868$   $u'=0.2439$   $v'=0.5111$   
 CCT=3255K (Duv=-0.0038) Dominant WL:Ld =583.4nm Purity=40.7%  
 Ratio:R=23.7% G=72.7% B=3.6% Peak WL:Lp=630.5nm FWHM=177.2nm  
 Render Index:Ra=96.9 CRI=95.4 AvgR=95.5  
 R1 =99 R2 =99 R3 =98 R4 =98 R5 =98 R6 =96 R7 =95  
 R8 =93 R9 =87 R10=98 R11=97 R12=79 R13=99 R14=98 R15=98

**Photo Parameters:**

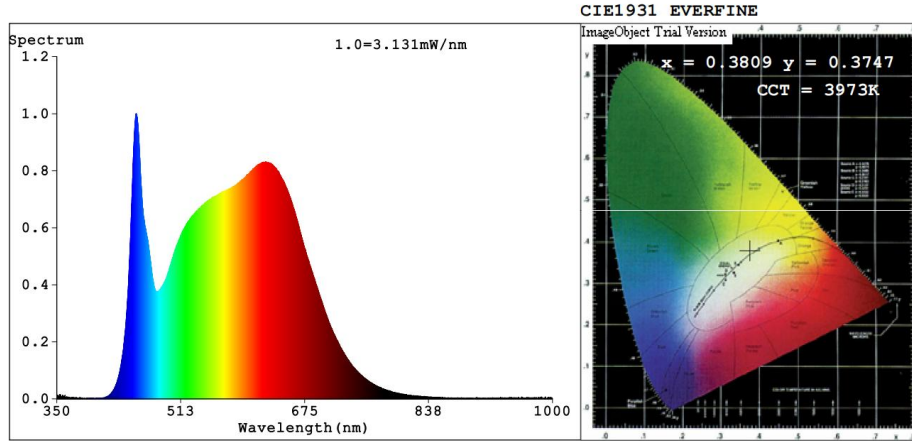
Flux = 160.7 lm Eff. : 64.37 lm/W Fe = 592.7 mW

**Electrical parameters:**

V = 119.85 V I = 0.02252 A P = 2.496 W PF = 0.9250  
 LEVEL:OUT WHITE:ANSI\_3500K

**Note:** Observed color temperature at 3255K due to anti-glare design (frosted lens and diffusion panel). Actual LED color temperature is 3000K.

PHOTOMETRICS(4000K)



**Color Parameters:**

Chromaticity Coordinate: $x=0.3809$   $y=0.3747/u'=0.2262$   $v'=0.5007$   
 CCT=3973K(Duv=-0.0011) Dominant WL:Ld =579.8nm Purity=26.7%  
 Ratio:R=20.3% G=75.2% B=4.5% Peak WL:Lp=454.1nm FWHM=26.5nm  
 Render Index:Ra=95.9 CRI=93.7 AvgR=93.8  
 R1 =97 R2 =99 R3 =98 R4 =95 R5 =95 R6 =95 R7 =95  
 R8 =93 R9 =85 R10=96 R11=95 R12=72 R13=98 R14=98 R15=96

**Photo Parameters:**

Flux = 158.0 lm Eff. : 61.87 lm/W Fe = 569.0 mW

**Electrical parameters:**

V = 119.86 V I = 0.02296 A P = 2.553 W PF = 0.9279  
 LEVEL:OUT WHITE:ANSI\_4000K

## Dual-Purpose Step and Deck Lights

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



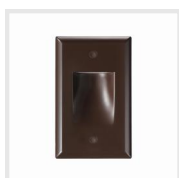
Tende Orizzontali Step & Deck Light



Retro Baffle Step & Deck Light

## 277V Compatible Commercial Step Lighting

Seamlessly integrates with commercial voltages.



ZincTech Commercial Upright Gradience Step & Deck Light



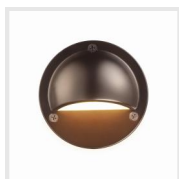
ZincTech Commercial Parallel Gradience Step & Deck Light



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



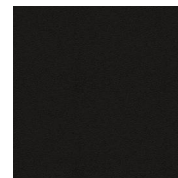
Vertebre Deck & Rail Light

## 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)