VEROBOARD.

LED Step Light with Motion Sensor and Photocell

Etertek FC Rohs

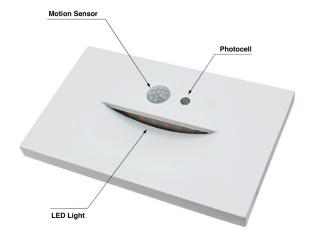


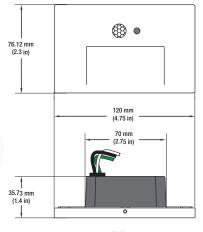
These contemporary step and wall lights automatically turn ON when they sense darkness with an additional motion-activated feature. And automatically turn OFF during the daytime or when there is no motion detected. There are many locations where you might want to install these lights, along pathways, on stairs, deck, patio, and so on, to name a few. Moreover, they are suitable for both indoor and outdoor spaces. They are not limited to wet locations but can also be installed for indoor stair tread, hallway lighting, and other similar applications. These modern step lights easily fit into a standard rectangular outlet box. They come in both white and black finish.

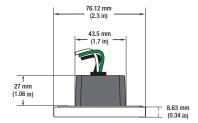
SPECIFICATIONS

| Engine Model No. | LSD033KWH |
|---|---|
| Voltage | 120V AC |
| Wattage | 3W |
| Frequency | 60Hz |
| Incandescent Equivalent | 25W |
| Color Temperature | 3000K (Warm White) |
| Dimmable | No |
| Brightness | 100 Lumens |
| Rendering Index | CRI>90 |
| LED Type | Integrated LED |
| Engine Material | PVC |
| | |
| Face Plate Material | Die-Cast Aluminum |
| | Die-Cast Aluminum White |
| Face Plate Material | |
| Face Plate Material Available Face Plate Colors | White |
| Face Plate Material Available Face Plate Colors Rated Life | White 50,000 Hours |
| Face Plate Material Available Face Plate Colors Rated Life Beam Angle | White 50,000 Hours 80° |
| Face Plate Material Available Face Plate Colors Rated Life Beam Angle Installation | White 50,000 Hours 80° Outlet Box Recessed |
| Face Plate Material Available Face Plate Colors Rated Life Beam Angle Installation IP Rating | White 50,000 Hours 80° Outlet Box Recessed IP65 (Wet Locations) |
| Face Plate Material Available Face Plate Colors Rated Life Beam Angle Installation IP Rating Outer Dimensions | White 50,000 Hours 80° Outlet Box Recessed IP65 (Wet Locations) 120 x 76 x 27 mm x (4.7 x 3 x 1.06 in) |
| Face Plate Material Available Face Plate Colors Rated Life Beam Angle Installation IP Rating Outer Dimensions Outlet Box Dimensions | White 50,000 Hours 80° Outlet Box Recessed IP65 (Wet Locations) 120 x 76 x 27 mm x (4.7 x 3 x 1.06 in) 52 x 102 mm (2 x 4 in) |

Job Name: ______ Distributor: _____ Type: _____



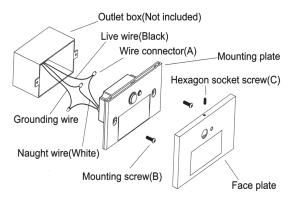




Included Content:

- 1x Step Light Engine
- 1x Face Plate
- 1x Installation Instruction Manual
- 3x Wire Connectors
- 2x Mounting Screws
- · 1x Hexagon Socket Screw
- 1x Allen Key





Safety and Warning

The fixture must be wired in accordance with local and national electrical codes and standards. And all the installation must be done by a certified electrician. Please be sure the main power switch is OFF before the installation, inspection, or removal. It is strictly necessary to ground the outlet box properly. Furthermore, the integrated LEDs in the light fixture can not be replaced.



Light Measurement Report

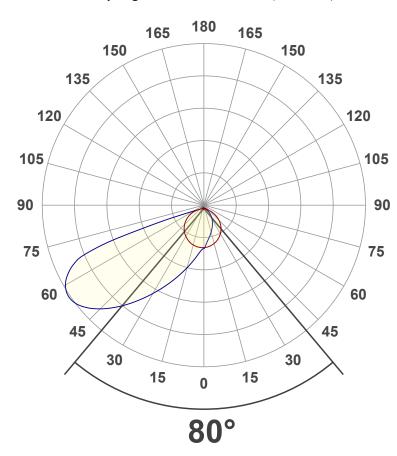
Print date: 2023-02-01

Measurement date and time: 2023-02-01 1:13:38 PM – Measurement no. VFR-230201-0038-MS



Luminous Intensity diagram

Unit: 0-100% of peak intensity



Main Values

Output (total Lumen) 100 lm

Lumen Up% / Down% 0.06% / 99.94%

Peak Intensity 47.2 cd

Beam Angle (50%) 80°

Beam Angle (90%) 46.9°

Beam Angle (90%) 46.9 Beam Angle (10%) 112°

Cut-off Angle

Average 2,5% 150.3°

Field Angle

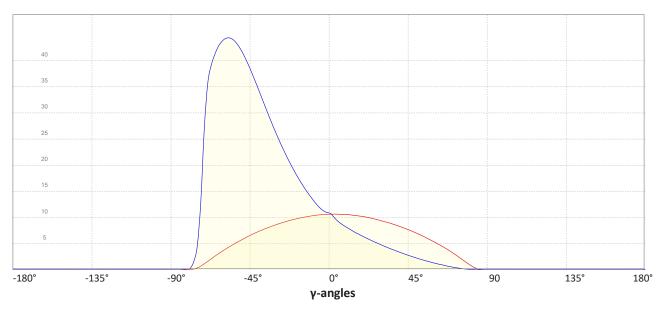
Average 10% 129.3°

Intensity Ratio

In 120° cone 72.7% In 90° cone 40.2%

C000-C180 C090-C270

Linear distribution diagram - Intensity (candela) vs γ -angle



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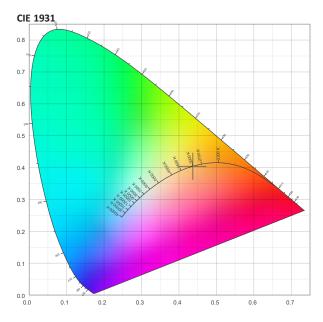
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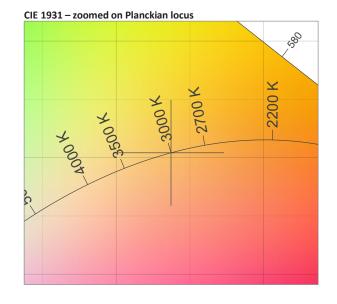


Color details

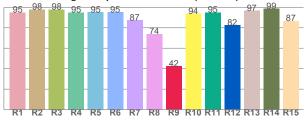
Correlated Color Temperature, Target Correlated Color Temperature, Measured Color Rendering Index Color Rendering Index, R9 (red component) Color Rendering TM30-18 Color Quality Scale CCT = 3000 K CCT = 2825 K CRI 92.2 R9 = 42.4 R_f 89.6 - R_g 101.3 CQS = 88.5 MacAdam Steps Color coordinates CIE 1931 Color coordinate CIEs 1960 Color deviation from BBL Color coordinate CIEs 1976 (CIELUV)

SDCM = 6.6 (x;y) = (0.437;0.404) (u;v) = (0.251;0.348) Duv = -0.0032 (u';v') = (0.251;0.251)



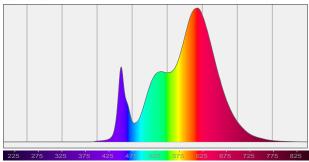


Color Rendering Index per reference color (CIE 1995)

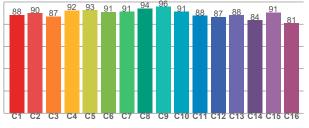


| CRI R values, only R1-R8 are used to calculate final CRI value | | | | | | | | | | | | | | | |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 |
| | 95.0 | 97.8 | 97.9 | 95.0 | 95.3 | 95.1 | 87.4 | 74.0 | 42.4 | 93.8 | 95.0 | 82.4 | 96.7 | 98.5 | 86.6 |

Spectral power distribution (SPD) / W/nm - 0-100%

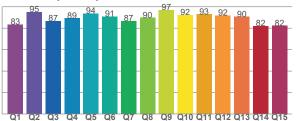


TM30-18 Rf-values per hue bin



| TM30 C values, 16 binned values out of total of 99 C values | | | | | | | | | | | | | | | |
|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 | C13 | C14 | C15 | C16 |
| 88.4 | 90.0 | 87.0 | 92.4 | 92.6 | 91.1 | 91.4 | 94.1 | 95.8 | 91.3 | 87.7 | 86.7 | 88.1 | 83.6 | 90.7 | 80.9 |

Color Quality Scale by reference color



| Q1 Q2 Q3 Q4 Q5 Q6 Q7 Q8 Q9 Q10 Q11 Q12 Q13 Q14 Q15 83.4 95.1 86.7 89.2 93.5 90.7 86.5 89.5 96.8 92.3 92.9 91.7 90.5 82.0 82.2 | cas a | varues | | | | | | | | | | | | | |
|---|-------|--------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 83.4 95.1 86.7 89.2 93.5 90.7 86.5 89.5 96.8 92.3 92.9 91.7 90.5 82.0 82.2 | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 | Q9 | Q10 | Q11 | Q12 | Q13 | Q14 | Q15 |
| | 83.4 | 95.1 | 86.7 | 89.2 | 93.5 | 90.7 | 86.5 | 89.5 | 96.8 | 92.3 | 92.9 | 91.7 | 90.5 | 82.0 | 82.2 |

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Beam Details

