



# MATTONE® 2 DIRECT WIRE LED STEP LIGHT

## SPECIFICATION SHEET

### OVERVIEW

The MATTONE® 2 LED Step Light is a compact led step light fixture that's suitable for both indoor and outdoor applications and features a high 95+ CRI and dimmable capabilities. With the light engine and faceplate designed as one unit, the new MATTONE 2 Step Light is an easy-to-install fixture to provide optimal step lighting in a stylish accent design. The new MATTONE 2 Step Light is UL Listed as a 120V AC hardwired luminaire and will fit inside a standard gang box for an easy installation.

### FEATURES

- 120VAC UL Listed 1598 hard-wired luminaire
- 95+ CRI
- Dimmable with Forward Phase dimmers
- Fits in standard switch boxes (not included)
- Suitable for Outdoor / Wet Locations
- 5-year warranty

### FINISHES



Satin Dark Bronze



Satin White



Item #	
Project	

## SPECIFICATIONS

- Input Voltage: 120VAC / 50 ~ 60 Hz
- Power Consumption: 2.5W / 50mA
- CRI: 96
- Dimmable: Yes (*Dimmable with Forward Phase Dimmers*)
- Housing: Powder-coated Aluminum
- Ambient Temperature<sup>1</sup>: -4° ~ 122°F (-20° ~ 50°C)
- Operating Temperature<sup>2</sup>: -4° ~ 176°F (-20° ~ 80°C)
- Environment: Outdoor / wet location
- Included Items: 1x Light Engine, 1x Faceplate/Trimplate, 2x Stainless Steel Mounting Screws, 3x Mounting Screw Covers, 2x Wire Connectors, 1x Allen Key, 1x foam gasket.
- Dimensions: See 'Mechanical Diagrams'

## COMPLIANCE & REGULATORY APPROVALS

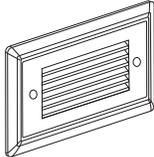
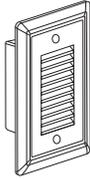
### Safety

- UL Listed Surface-Mounted Luminaire (United States & Canada). Conforms to UL std. 1598, Luminaires. Certified to CSA std. C22.2 No. 9.0. *Must be installed in UL Listed wall box available at local hardware store.*

### Performance

- LED chip data measured in accordance to IES LM-80-08.
- Photometric & Colorimetry data measured in accordance to IES LM-79-08, in Elemental LED's Innovation Lab.

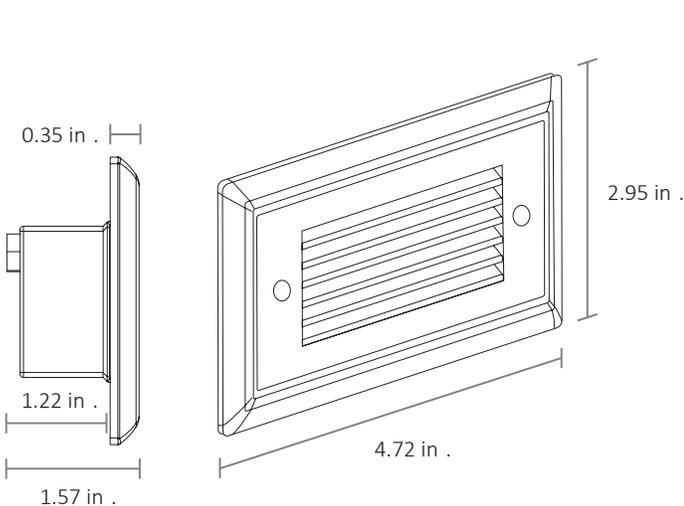
## MATTONE® 2 STEP LIGHT FIXTURE MODELS

Item #	Finish	CCT (Kelvin)	Lumens <sup>3</sup>	Power Consumption	Efficacy (lm/W)	
DI-MAT2-HL-**	WH <input type="checkbox"/> BZ <input type="checkbox"/>	 3000K	141	2.5W	56	
DI-MAT2-VL-**	WH <input type="checkbox"/> BZ <input type="checkbox"/>	 3000K	135	2.5W	54	

\*\* - Add a **-WH** for White Finish or **-BZ** for Dark Bronze Finish

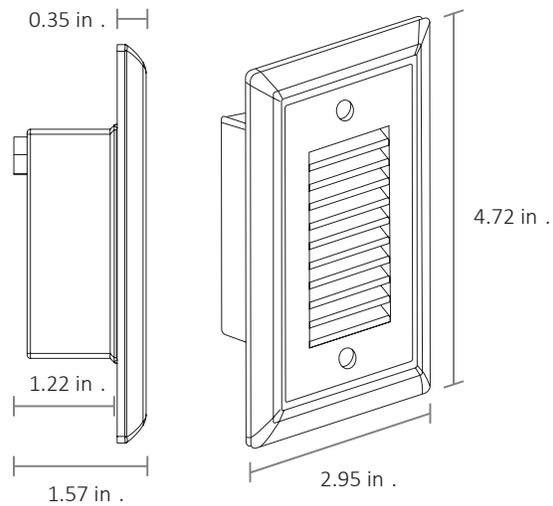
## MECHANICAL DIAGRAM

DI-MAT2-HL-\*\*



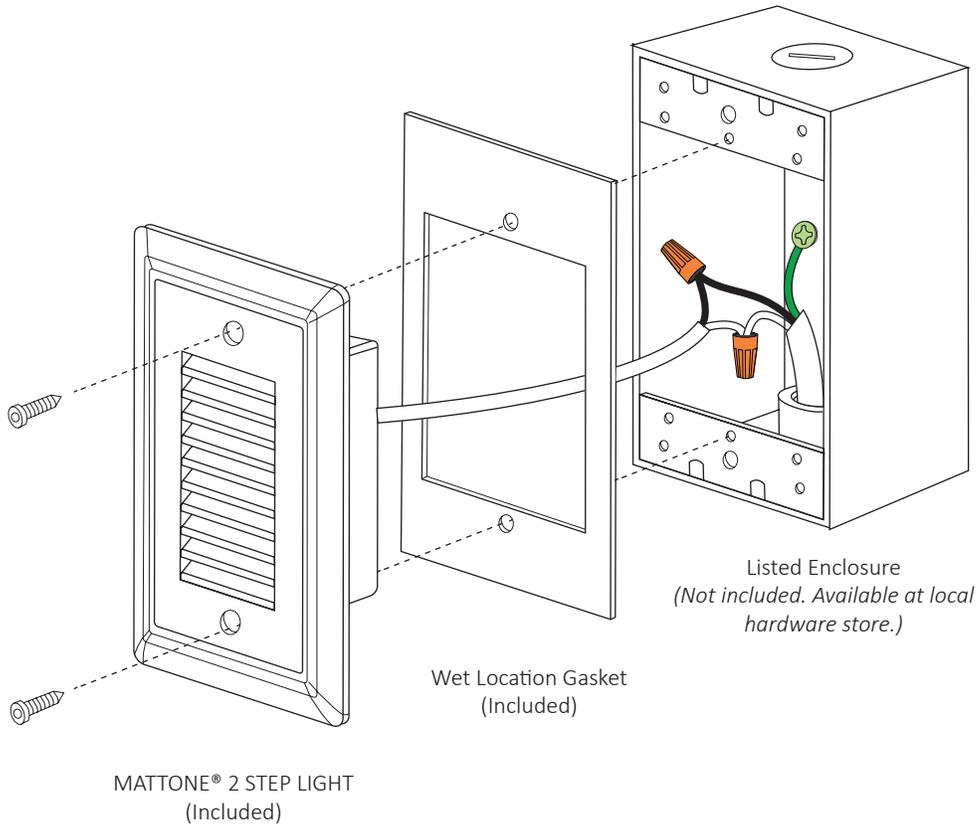
## MECHANICAL DIAGRAM

DI-MAT2-VL-\*\*



1. Do not install product in an environment outside the listed ambient temperature. Exceeding the maximum ambient temperature may damage LED chips, reduce the total lamp life, lumen output, and/or adversely impact color consistency.
2. Operating temperature is measured according to the minimum and maximum ambient temperature environment.
3. LED chips have a luminous flux range with a tolerance of +/- 5%. Advertised lumen values are for light engine only without louvered faceplate.

# MOUNTING DIAGRAM



## ADDITIONAL RESOURCES

MATTONE® 2 STEP LIGHT Installation Guide

### SAFETY / WARNINGS / DISCLOSURES

1. Install in accordance with the National Electric Code, and local regulations.
2. This product is intended to be installed and serviced by a qualified, licensed electrician.
3. Suitable for outdoor / wet location use.
4. Ensure applicable wire is installed between driver, fixture, and any controls in between. When choosing wire, factor in voltage drop, amperage rating, and type (in-wall rated, wet location rated, etc.). Inadequate wire installation could overheat wires, and cause a fire.
5. Do not install if product has any visible damage.
6. Do not modify or disassemble this product beyond instructions or the warranty will be void.

## WARRANTY

### Limited Warranty

This product has a five (5) year limited warranty from the date of shipment. This warranty does not include the additional accessories referenced in this specification sheet. Complete warranty details for fixtures and additional accessories are available at [www.diodeled.com/limited-warranty/](http://www.diodeled.com/limited-warranty/) within the Policies section. For warranty related questions please contact product support.

### Consumer's Acknowledgment

Diode LED stands behind its products when they are used properly and according to our specifications. By purchasing our products, the purchaser agrees and acknowledges that lighting design, configuration and installation is a complex process, wherein seemingly minor factors or changes in layout and in-field adjustments can have a significant impact on an entire system. Choosing the correct components is essential. Diode LED is able to work with the original purchaser to make an appropriate product selection to the extent of the limited information that the customer can provide, but it is virtually impossible for Diode LED to design a system that foresees every unknown factor. For this reason, this Warranty does not cover problems caused by improper design, configuration or installation issues. Any statement from a Diode LED employee or agent regarding a customer's bill of goods and/or purchase order is NOT an acknowledgment that the products purchased are designed and configured correctly. The purchaser agrees and acknowledges that it is the customer's responsibility to adhere strictly to all information contained in the Product Specification Sheets.

There is often more than one way to design, configure and layout an LED lighting application properly to achieve the same lighting effect. Diode LED strongly recommends that licensed professionals be used in the design and installation of lighting systems that include Diode LED products. The specifications include important information that a designer and installer should carefully review and strictly follow. Qualified designers and certified and/or licensed installers, with access to the final installation environment, customer goals, and Diode LED product specifications can make the requisite decisions appropriate for a successful finished lighting application.



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