

## LED Under Cabinet Fixture

Project Name:
Fixture Type:

### DESCRIPTION

Lumamate is a perfectly angled small profile under-cabinet fixture. It is available in multiple length options with many available plug and play accessories, making it a safe and adequate light supply for food preparation, closet lighting and more.



### SPECIFICATIONS

- Volts: 24VDC
- Efficacy: 77.4lm/W
- Watts per foot: 5 W/ft
- Maximum total length per 96W driver: 15ft
- Maximum total length per 60W driver: 9ft
- Minimum total length- 2ft
- Beam angle 70°
- Finish: Powder coated white
- CRI: 95CRI
- IP protection: IP20
- Life: 50,000 Hour lamp life/ 70%
- Dimming: compatible with 0-10V, MLV, ELV and DMX/DALI dimmable driver or step dimming with any driver option (even non-dimming) using LMMT-AG-DIMM accessory
- Operating Temperature: 32-113 F
- 5 Year Warranty
- Can be used to comply with Title 24/JA8 requirements using ZO driver
- Can be used to comply with Title 20 requirements using PI driver
- UL Listed: UL file number-E482491



### DIMENSIONS



Visit [PreciseLED.com](http://PreciseLED.com) for warranty and installation information.

Product	Dimensions	Lumens	Watts
LMMT-AG-6-3W-24V-95C-30K	5.9" L x 1.18" W x 0.51" H	232lm	3W
LMMT-AG-12-5W-24V-95C-30K	11.8" L x 1.18" W x 0.51" H	387lm	5W
LMMT-AG-24-9W-24V-95C-30K	23.6" L x 1.18" W x 0.51" H	697lm	9W
LMMT-AG-36-14W-24V-95C-30K	35.4" L x 1.18" W x 0.51" H	1084lm	14W
LMMT-AG-48-17W-24V-95C-30K	47.2" L x 1.18" W x 0.51" H	1316lm	17W

### ORDERING CODE

Example: LMMT-AG-12-24V-95C-30K

Product	Size-Watts	Voltage	CRI	Color Temperature
LMMT-AG	<b>6-3W</b> 6 inch-3 Watts <b>12-5W</b> 12 inch-5 Watts <b>24-9W</b> 24 inch-9 Watts <b>36-14W</b> 36 inch-14 Watts <b>48-17W</b> 48 inch-17 Watts  * These lengths are nominal (for exact lengths see above chart) and do not include power accessories (required) or other accessories	24V - 24 Volts	95C ≥ 95CRI	<b>27K</b> 2700K <b>30K</b> 3000K <b>35K</b> 3500K <b>40K</b> 4000K

**Note:** The minimum total length per driver is 2 ft. The maximum total length per 96W driver is 16 ft.

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**COMPATIBLE TAPE LIGHT DRIVERS**



**Lutron LA Series**  
 Hi-lume 1% 2-Wire LED Driver  
 Forward-Phase Control  
 Part #: DRIV-LA-24V-40W-2WS

**Lutron LP Series**  
 Hi-lume 1% 2-Wire LED Driver  
 Forward-Phase Control  
 Part #: DRIV-LP-24V-40W-2WS

Hi-lume 1% Ecosystem/3-Wire  
 L3D (PowPak Control)  
 Part #: DRIV-LP-24V-40W-3WS

Hi-lume Premier 0.1% Constant  
 Voltage Driver (L3D0)  
 Part #: DRIV-LP-24V-96W



**ZO Series**  
 LED Driver, Class 2 1% 0-10V  
 Dimmable, 24V  
 30 Watts:  
 Part #: DRIV-ZO-24V-30W

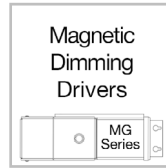
60 Watts:  
 Part #: DRIV-ZO-24V-60W

96 Watts:  
 Part #: DRIV-ZO-24V-96W



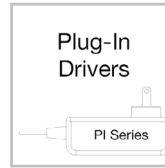
**NN Series**  
 LED Driver, Class 2 Constant  
 Voltage Flicker Free, 24V  
 30 Watts:  
 Part #: DRIV-NN-24V-30W

60 Watts:  
 Part #: DRIV-NN-24V-60W



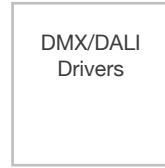
**MG Series**  
 LED Driver, Class 2 Forward  
 Phase Magnetic 1% Dimming  
 60 Watts:  
 Part #: DRIV-MG-24V-60W

96 Watts:  
 Part #: DRIV-MG-24V-96W



**PI Series**  
 LED Plug-In Driver, Constant  
 Voltage, 24V  
 24 Watts:  
 Part #: DRIV-PI-24V-24W

96 Watts:  
 Part #: DRIV-PI-24V-96W



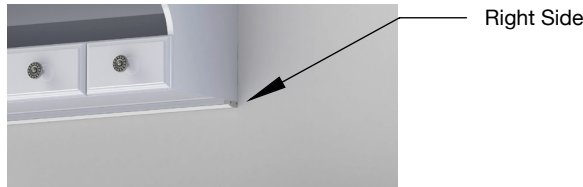
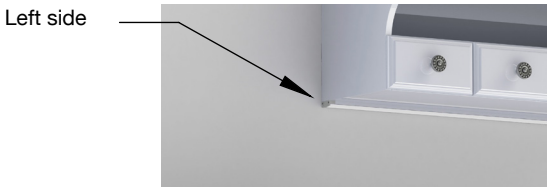
**DMX/DALI Series**  
 DMX/DALI Driver, Constant  
 Voltage, 24V  
 96 Watts:  
 Part #: DRIV-DX-DALI-D4

**MOUNTING (REQUIRED)**

Part name	Description	Image	Drawing
<b>LMMT-AG-CLIP</b>	Flat Fixed clip		
<b>LMMT-AG-CLIP-45DE</b>	45 degree fixed clip		
<b>LMMT-AG-CLIP-AJST</b>	Adjustable Clip * With this clip the light can be adjusted to anywhere between 0 and 65 degrees in either direction.		
<b>LMMT-AG-TAPE</b>	3M Double Sided Tape		

**POWER ACCESSORIES (REQUIRED)**

The right and left side connections are referring to the right and left hand sides of the fixture while the fixture is facing downward. The images bellow shows both sides of the fixture



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LEFT SIDE CONNECTION			
Part Name	Description	Image	Drawing
<b>LMMT-AG-POWR-LT</b> (plug and play version)  <b>LMMT-AG-POWR-LT-HW</b> (hardwire version)	Left side Input power line  * Power Input from side		cable length 19.25" 
<b>LMMT-AG-TOUC-LT</b> (plug and play version)  <b>LMMT-AG-TOUC-LT-HW</b> (hardwire version)	Left side touch switch  * Power Input from back		cable length 19.25" 
<b>LMMT-AG-SENS-LT</b> (plug and play version)  <b>LMMT-AG-SENS-LT-HW</b> (hardwire version)	Left side sensor switch  * Power Input from back * Sensitivity is up to a distance of 4 inches		cable length 19 in 
<b>LMMT-AG-DMSW-LT</b> (plug and play version)  <b>LMMT-AG-DMSW-LT-HW</b> (hardwire version)	Left side dimmer switch  * Power Input from back * Note, dimming driver not required.		cable length 19.25" 
<b>LMMT-AG-SEAO-LT-XX</b> (plug and play version) -XX delay time ex: -5s: 5 seconds -5m: 5 minutes <b>LMMT-AG-SEAO-LT-XX-HW</b> (hardwire version)	Left side motion sensor -PIR motion sensor with auto shut off, turns on when detecting movement, turns off after set delay time. -factory programmable Delay time: 5s min - 5min max (+-15s) Note: do not install near the place where the temperature rapidly changes		Cable Length 9.25" 
<b>LMMT-AG-RCKR</b> (plug and play version)  <b>LMMT-AG-RCKR-HW</b> (hardware version)	Rocker Switch  * Final rocker switch design is subject to change		cable length 19.25" 

RIGHT SIDE CONNECTION			
Part name	Description	Image	Drawing
<b>LMMT-AG-POWR-RT</b> (plug and play version)  <b>LMMT-AG-POWR-RT-HW</b> (hardwire version)	Right side Input power line  * Power Input from side		cable length 19.25" 

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■ CONNECTORS (OPTIONAL)

Part name	Description	Image	Drawing
<b>LMMT-AG-CNCT-90LT</b>	Left and forward connector		
<b>LMMT-AG-CNCT-90VT</b>	Right/Left upward/downward connector		
<b>LMMT-AG-CNCT</b>	Straight connector		
<b>LMMT-AG-CNCT-JMPR</b>	Jumper connector		<p>cable length 19.25"</p>
<b>LMMT-AG-CNCT-4M1F</b> (plug and play version) <b>LMMT-AG-CNCT-4M1F-HW</b> (hardwire version)	4 Male 1 Female Connector		<p>4x cable length 8 in</p> <p>cable length 8 in</p>
<b>LMMT-AG-CNCT-MF3</b> (3.3 ft long) <b>LMMT-AG-CNCT-MF6</b> (6.6 ft long)	Male to Female extension cable		
<b>LMMT-AG-CNCT-MM3</b> (3.3 ft long) <b>LMMT-AG-CNCT-MM6</b> (6.6 ft long)	Male to male extension cable		

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■ **FIXTURE ASSEMBLED**

Typical undercabinet fixture mounting



Lumamate mounting

