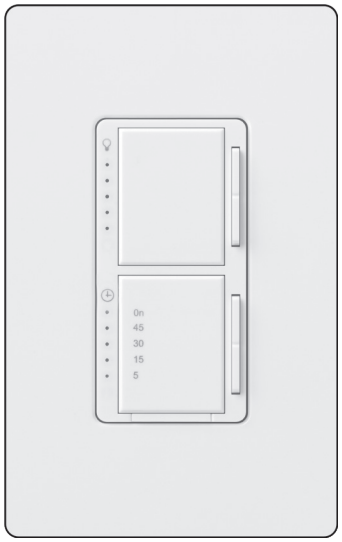
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Maestro Dual LED+ Controls

Dimmer/timer with advanced technology for dimming LED, CFL, incandescent, and halogen bulbs.

Features

- No neutral required for wiring into any home.
- Coordinating Claro and Stainless Steel wallplates available separately.
- 100% factory tested.
- No derating required when ganging this product.
- **Dimmer Circuit:**
  - Advanced dimming technology designed for compatibility with a broad range of high efficacy bulbs.
  - UL® Listed to control:
    - Dimmable LED
    - Halogen
    - Incandescent
    - Dimmable Compact Fluorescent Lamps (CFLs) with integrated ballast
  - Low-end and high-end adjustments to accommodate a wide range of bulbs.
  - NEMA SSL-7A Compliant (see note on page 2 regarding minimum load).
  - Capable of controlling up to 65 W dimmable LED/CFL or 300 W incandescent/halogen.
- **Timer Circuit:**
  - UL® Listed to control 2.5 A fan and/or lighting loads.



MACL-L3T251B (dimmer/timer)

Wallplate sold separately

Model Number

MACL-L3T251B-WH	Dimmer/timer in white gloss finish (WH)

Job Name:	Model Numbers:	
Job Number:		

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Specifications

Regulatory Approvals

- UL® Listed to U.S. and Canadian safety requirements (UL 1472/CSA C22.2 184.1)
- NOM

Power and Ratings

- **Dimmer Circuit:**
  - 120 V~ 60 Hz
  - Maximum Load
    - 65 W dimmable LED/CFL
      or
    - 300 W incandescent/halogen
      or
    - Mixed bulb type (see ***Multigang and Mixed-Bulb-Type Ratings*** table on page 3)

  Note: Dimmer is not rated for use with magnetic or electronic transformer loads.
  - Minimum Load
    - Minimum one bulb from the approved bulb list. Visit the online tool at www.lutron.com/LEDfinder for the best performing LEDs
      or
    - 25 W incandescent/halogen
- **Timer Circuit:**
  - 120 V~ 60 Hz
  - Maximum Load
    - 2.5 A general purpose (lighting or fan)
  - No minimum load

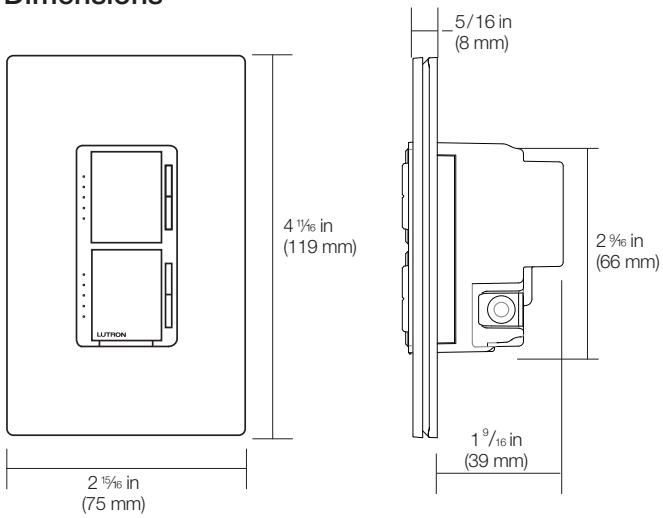
Environment

- For indoor use only
- Operating temperatures 32 °F to 104 °F (0 °C to 40 °C)
- Relative humidity: 0% to 90% non-condensing

Performance

- Power failure memory: Should power be interrupted, the control will return to the last selected state when power is restored.
- Tested to withstand electrostatic discharge without damage or memory loss.
- Tested to withstand surge voltages without damage or loss of operation, in accordance with IEEE C62.41-1991 recommended practice on surge voltages in low-voltage AC power circuits.
- Precise color matching.
- Includes a Front Accessible Service Switch (FASS) for safe bulb replacement.

Dimensions



Note: Requires a U.S. wallbox 2½ in (64 mm) deep minimum.

Application Requirements

- ***When using LEDs or CFLs, only bulbs marked or rated as Dimmable can be used on the dimmer circuit.***
- To access our mobile friendly online tool of approved bulbs visit www.lutron.com/LEDfinder

Warranty

- 1 Year Limited Warranty.
  For additional Warranty information, please visit www.lutron.com/TechnicalDocumentLibrary/369-119_Wallbox_Warranty.pdf

Job Name:	Model Numbers:	
Job Number:		

Multigang and Mixed-Bulb-Type Ratings

This product does not require derating in multigang applications.

Total LED•CFL Wattage Installed (Watts per bulb X # of bulbs)		Maximum Allowable Incandescent/Halogen Wattage
0 W	+	300 W
1 W – 25 W	+	200 W
26 W – 50 W	+	100 W
51 W – 65 W	+	0 W

Advanced Programming Mode

Maestro controls contain an Advanced Programming Mode (APM) that allows users to customize the control to meet their specific needs. For a detailed description of APM features and uses please refer to Lutron Application Note #847 (P/N 048847) at www.lutron.com

Available Advanced Features	
Feature	**Description**
Low-end trim	Select the minimum available light limit.
Fade ON time	This setting allows control over how quickly the lights will fade up when the dimmer is turned ON.
Protected preset	Set the intensity that the dimmer will always turn on to when the dimmer's Tap button is pressed once.
Restore default	Select to return dimmer to its original factory settings.
Preset option (Timer)	Preset option determines what timeout setting the load turns ON to when the dimmer's Tap button is pressed. Locked preset: turns ON load with the predetermined timer countdown level. Unlocked Preset: turns ON load with the previous timer countdown level.
Bypass option (Timer)	This option sets which timer level is selected when you double tap the button.
Load flash option (Timer)	When enabled, this makes the load do a one second flash when the timer counts down to the one minute mark.

Job Name:	Model Numbers:	
Job Number:		

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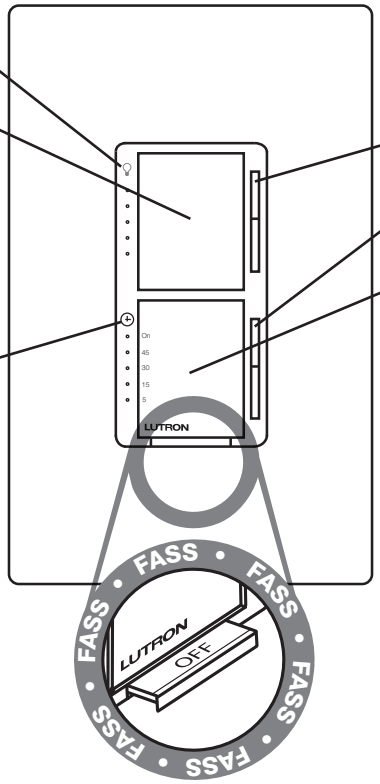
Operation

Dimmer/Timer

Dimmer Indicator Lights (DIL)
- Indicates approximate light level. DILs may not change with each press.

Dimmer Tap Button
- Tap once when lights are off - Lights brighten smoothly to preset intensity.
- Tap once when lights are on - Lights dim smoothly to off.
- Tap twice quickly - Lights brighten rapidly to full intensity.
- Press and hold for 2 seconds to activate delayed fade to OFF. Default for this feature is a 30 second delayed fade to OFF, but this can be adjusted in the advanced programming menu.

Timer Indicator Lights (TILs)
- White TILs indicate timer duration or remaining time in minutes.
- Top TIL labeled ON has no time limit.
- Bottom TIL blinks rapidly to indicate one minute of time remaining.



Dimmer Raise/Lower Rocker
- Press rocker to adjust light level.

Timer Raise/Lower Rocker
- Press rocker to adjust timeout setting.

Timer Tap Button
- Tap once when unit is OFF.
  – Controlled load turns ON and countdown timer begins. When time expires, load turns OFF.
- Tap once when unit is ON - Controlled load turns OFF.
- Tap twice quickly.
  – Controlled load turns ON (to TIL5) without a time limit.

FASS Switch

(Front Accesible Service Switch)
Pull tab out for bulb replacement.

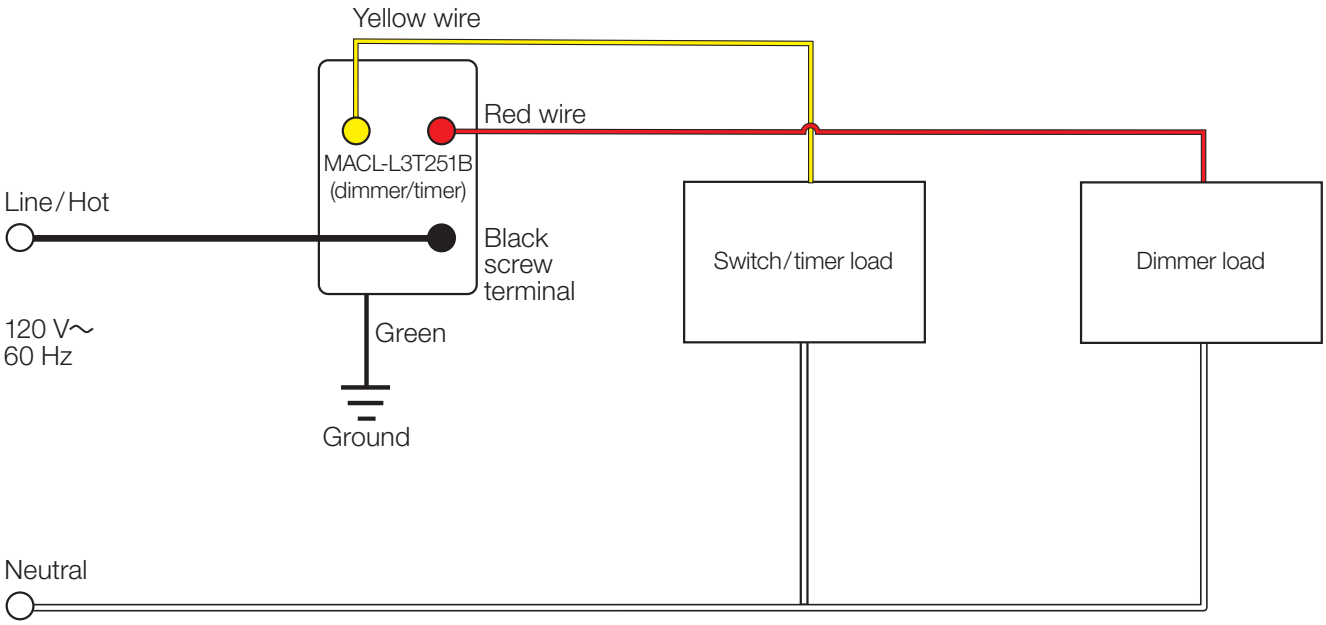
For wiring videos and step by step instructions, please see www.lutron.com/wiringwizard

Job Name:	Model Numbers:	
Job Number:		

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Wiring Diagram

Single Pole Wiring



Note: A load must be connected to dimmer output (red wire) for product to function.

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Job Name:	Model Numbers:	
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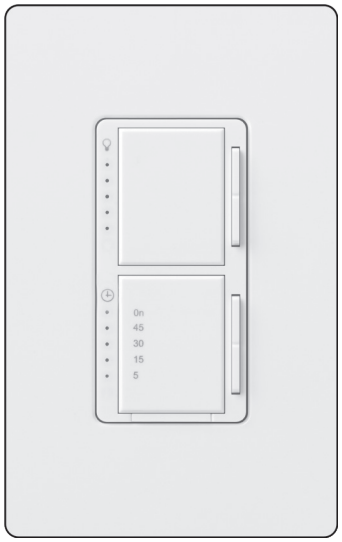
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Wallplate sold separately

Model Number

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Job Number:		

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Specifications

Regulatory Approvals

- UL® Listed to U.S. and Canadian safety requirements (UL 1472/CSA C22.2 184.1)
- NOM

Power and Ratings

- **Dimmer Circuit:**
  - 120 V~ 60 Hz
  - Maximum Load
    - 65 W dimmable LED/CFL
      or
    - 300 W incandescent/halogen
      or
    - Mixed bulb type (see ***Multigang and Mixed-Bulb-Type Ratings*** table on page 3)

  Note: Dimmer is not rated for use with magnetic or electronic transformer loads.
  - Minimum Load
    - Minimum one bulb from the approved bulb list. Visit the online tool at www.lutron.com/LEDfinder for the best performing LEDs
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- **Timer Circuit:**
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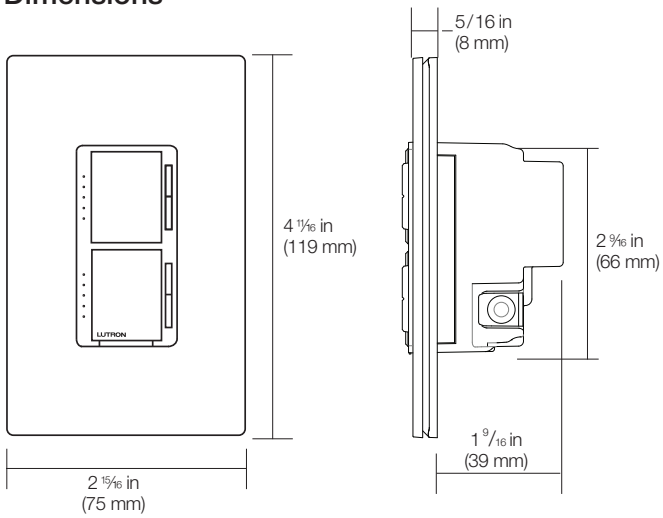
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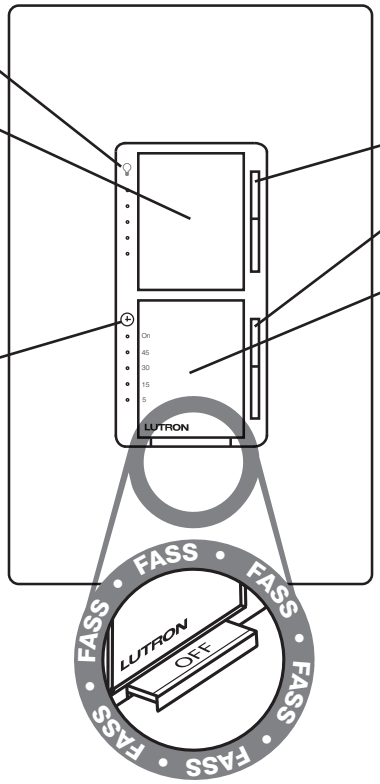
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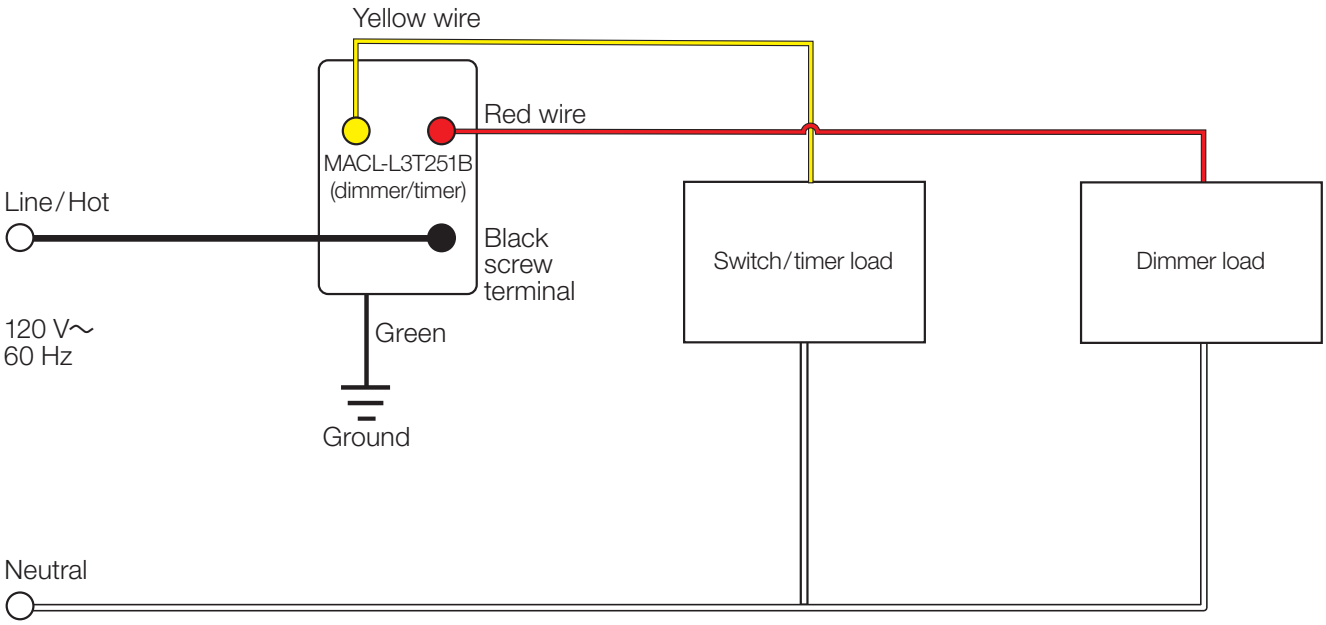
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Job Name:	Model Numbers:	
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