369143o 1 01.06.17

# Maestro Wireless Dimmers and Switches

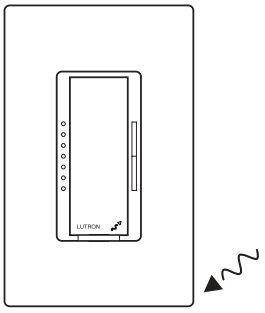
The Maestro Wireless solution incorporates Maestro Wireless load controls, wireless sensors, and wireless remote controls, which provide a system that delivers energy savings, convenience, and ease of installation.

Maestro Wireless dimmers and switches use Lutron patented Clear Connect RF Technology, which enables wireless communication with Radio Powr Savr sensors and Pico wireless controls for light control and general switched loads.

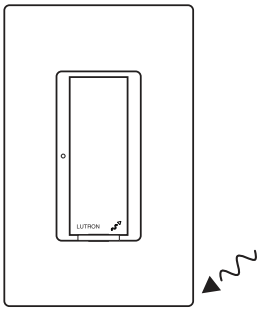
## Features

- The Maestro Wireless solution provides dimming/switching of multiple load types, occupancy/vacancy sensing, daylight harvesting, and high-end trim.
- Lutron patented Clear Connect RF Technology works through walls and floors.
- Incorporates advanced features such as fade ON/fade OFF, high-end trim, and rapid full-ON.
- Controls include Front Accessible Service Switch (FASS) for safe lamp replacement.
- Two-wire dimmers and switches available for retrofit applications.
- Power failure memory: If power is interrupted, the control will return to its previously set level prior to interruption.

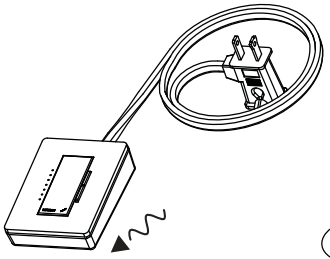
**Receiving Devices**
Maestro Wireless Controls



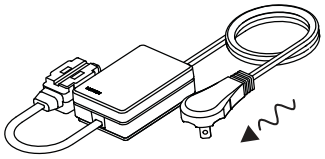
Neutral and Non-Neutral Dimmers



Neutral and Non-Neutral Switches

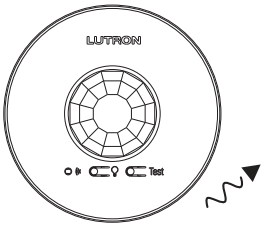


Lamp Dimmers

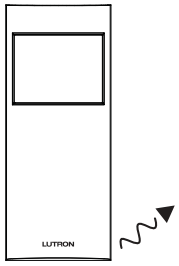


Plug-In Modules

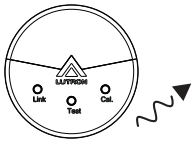
**Transmitting Devices**
Radio Powr Savr Sensors




Ceiling-Mounted Occupancy and Vacancy Sensors

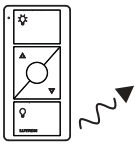


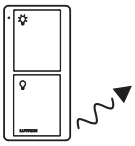

Wall-Mounted Occupancy and Vacancy Sensors




Daylight Sensors

Pico Wireless Controls







| Job Name: | Model Numbers: | |
|---|---|---|
| | | |
| Job Number: | | |

# Maestro Wireless Dimmers

## Models Available

### *Dimmers*

#### CFL / LED/Halogen / Incandescent / Magnetic Low-Voltage

| | |
|---|---|
| MRF2-6CL-XX | 150 W CFL / LED Dimmer;<br>600 W / 600 VA Incandescent / MLV Dimmer 120 V~ |
| MRF2-6MLV-XX | 600 W / 600 VA Incandescent / MLV Dimmer 120 V~ |
| MRF2-6ND-120-XX[1,2] | 600 W / 600 VA Spec-Grade Neutral wire Dimmer 120 V~ |
| MRF2-10D-120-XX[2] | 1000 W / 1000 VA Spec-Grade Dimmer 120 V~ |

#### 3-Wire Fluorescent

| | |
|---|---|
| MRF2-F6AN-DV-XX[1,2] | 6 A 3-wire Fluorescent Spec-Grade Neutral-Wire Dimmer<br>120–277 V~ |

#### Electronic Low-Voltage Dimmer

| | |
|---|---|
| MRF2-6ELV-120-XX[1] | 600 W ELV Dimmer 120 V~ |

Dimmer



### *Companion Dimmers*

#### Claro Gloss Finishes

| | |
|---|---|
| MA-R-XX[2] | Companion Dimmer 120 V~ |
| MA-R-277-XX[2] | Companion Dimmer 277 V~ |

#### Satin Colors Satin Finishes

| | |
|---|---|
| MSC-AD-XX | Companion Dimmer 120 V~ |
| MSC-AD-277-XX | Companion Dimmer 277 V~ |

Companion Dimmer



**NOTE:** "XX" in the model number represents color/finish code.

1 Neutral wire required
2 BAA-compliant model numbers available. Add a "U" prefix to the model number.



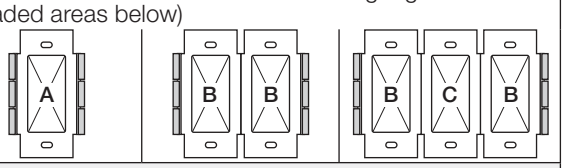
| Job Name: | Model Numbers: | |
|---|---|---|
| | | |
| Job Number: | | |

## Ganging and Derating

When combining controls in the same wallbox, derating is required (see Load Type and Capacity tables). Only MRF2-8ANS controls have fins that need to be removed for multigang installations. No other controls have fins, but they must still be derated in multigang installations.

## Dimmer Load Type and Capacity

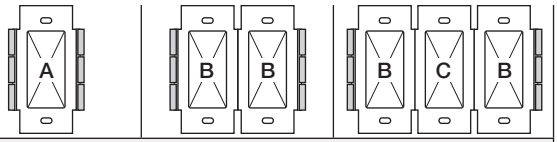
Do not remove outside fins on ends of ganged controls (shaded areas below)




### Neutral Required

| Control | Voltage | Load Type | Minimum Load | Maximum Load | | |
|---|---|---|---|---|---|---|
| | | | | A: Not Ganged | B: End of Gang | C: Middle of Gang |
| MRF2-6ND-120 [1,2,3] | 120 V~ | Incandescent | 25 W | 600 W | 500 W | 400 W |
| | | MLV[2] | 25 W/VA | 450 W/600 VA | 400 W/500 VA | 300 W/400 VA |
| MRF2-6ELV[1,2] | 120 V~ | ELV[2] | 5 W | 600 W | 500 W | 400 W |
| MRF2-F6AN-DV [1,3] | 120–277 V~ | Lighting | 1 ballast 0.05 A | 6 A | 5 A | 3 A |

### No Neutral Required




| Control | Voltage | Load Type | Minimum Load | Maximum Load | | |
|---|---|---|---|---|---|---|
| | | | | A: Not Ganged | B: End of Gang | C: Middle of Gang |
| MRF2-6CL [1,2] | 120 V~ | CFL/LED, Incandescent | 50 W (see lamp list) | See *Mixing Lamp Types*, page 4 | | |
| | | MLV[2] | 50 W/VA | 450 W/600 VA | 400 W/500 VA | 300 W/400 VA |
| MRF2-6MLV [1,2] | 120 V~ | MLV[2] | 50 VA | 450 W/600 VA | 400 W/500 VA | 300 W/400 VA |
| MRF2-10D-120 [1,2,3] | 120 V~ | Incandescent | 50 W | 1000 W | 800 W | 650 W |
| | | MLV[2] | 50 W/VA | 800 W/1000 VA | 600 W/800 VA | 500 W/650 VA |

**Note:** do not mix ELV and MLV load types on a single control.

1 Dimmer Load Type:

- MRF2-6ND-120 is designed for use with permanently-installed incandescent, magnetic low-voltage, or tungsten halogen only. Can control Power Modules (PHPM-PA-DV, PHPM-3F-DV-WH, PHPM-WBX-DV-WH, and GRX-TVI) and legacy interfaces Hi-Power 2•4•6 Boosters (HP-2, HP-4, HP-6).
- MRF2-6MLV and MRF2-10D-120 are designed for use with permanently-installed incandescent, magnetic low-voltage, or tungsten halogen only.
- MRF2-6ELV is designed for use with permanently-installed electronic low-voltage, incandescent, or tungsten/halogen only. Do not install dimmers to control receptacles or motor-operated appliances.
- MRF2-F6AN-DV is designed for use with permanently installed 3-wire line voltage control fluorescent ballasts or LED drivers only (Hi-lume, Hi-lume Compact SE, Eco-10, and EcoSystem). Can control Power Modules (PHPM-PA-DV, PHPM-3F-DV-WH, PHPM-WBX-DV-WH, and GRX-TVI).
- MRF2-6CL is designed for use with permanently-installed incandescent, CFL, LED, magnetic low-voltage, or tungsten halogen only.

2 Low-Voltage Applications:

- Use MRF2-6ND-120, MRF2-6MLV, MRF2-6CL, and MRF2-10D-120 with magnetic (core and coil) low-voltage transformers only. Not for use with electronic (solid-state) low-voltage transformers.
- Use MRF2-6ELV with electronic (solid-state) low-voltage transformers only. Operation of a low-voltage circuit with lamps inoperative or removed may result in transformer overheating and premature failure. Lutron strongly recommends the following:
  - Do not operate low-voltage circuits without operative lamps in place.
  - Replace burned-out lamps as quickly as possible.
  - Use transformers that incorporate thermal protection or fused transformer primary windings to prevent transformer failure due to overcurrent.
- See Application Note #559 for dimming low voltage LEDs.

3 BAA-compliant model numbers available. Add a “U” prefix to the model number.



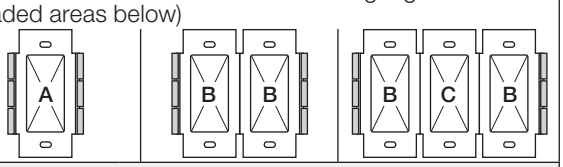
| Job Name: | Model Numbers: | |
|---|---|---|
| | | |
| Job Number: | | |

# Dimmer Load Type and Capacity (continued)

### *Mixing Lamp Types*

Mixing lamp types (using a combination of CFL/LED, and Incandescent/Halogen bulbs) and ganging with other dimmers or electronic switches may reduce maximum wattage, as shown. Example: If fins from one side of dimmer are removed and you have two 24 W bulbs installed (total CFL Wattage = 48 W), you may add up to 300 W of incandescent or halogen lighting.

Do not remove outside fins on ends of ganged controls (shaded areas below)




| Total CFL/LED Wattage | | Total Incandescent/Halogen Wattage | | | | |
|---|---|---|---|---|---|---|
| | | A: Not Ganged | | B: End of Gang | | C: Middle of Gang |
| MRF2-6CL | | | | | | |
| 0 W | + | 50 W–600 W | Or | 50 W–500 W | Or | 50 W–400 W |
| 1 W–25 W | + | 0 W–500 W | Or | 0 W–400 W | Or | 0 W–300 W |
| 26 W–50 W | + | 0 W–400 W | Or | 0 W–300 W | Or | 0 W–200 W |
| 51 W–75 W | + | 0 W–300 W | Or | 0 W–200 W | Or | 0 W–100 W |
| 76 W–100 W | + | 0 W–200 W | Or | 0 W–100 W | Or | 0 W–50 W |
| 101 W–125 W | + | 0 W–100 W | Or | 0 W–50 W | Or | 0 W |
| 126 W–150 W | + | 0 W | Or | 0 W | Or | 0 W |

| | Maximum Load | | |
|---|---|---|---|
| **Total MLV Wattage** | 450 W / 600 VA | 400 W / 500 VA | 300 W / 400 VA |

Example

If a dimmer is installed in location “B” above and there are two 24 W CFL bulbs installed (Total CFL Wattage = 48 W), you may add up to 300 W of incandescent or halogen lighting.

# Maestro Wireless Switches

## Models Available

### *Switches*

#### Lighting and motor loads

| | |
|---|---|
| MRF2-6ANS-XX [1] | 6 A Lighting/3 A Fan (1/10 HP motor), Electronic Switch 120 V~ |
| MRF2-8ANS-120-XX [1,2] | 8 A Lighting, 5.8 A Fan (1/4 HP motor), Spec-Grade Electronic Switch 120 V~ |
| MRF2-8S-DV-XX [2,3] | 8 A Lighting, 3 A Fan (1/10 HP motor, 120 V~ only), Spec-Grade Electronic Switch 120–277 V~, no neutral wire required |

Switch



### *Companion Switches*

#### Claro Gloss Finishes

| | |
|---|---|
| MA-AS-XX [2] | Companion Switch 120 V~ |
| MA-AS-277-XX [2] | Companion Switch 277 V~ |

#### Satin Colors Satin Finishes

| | |
|---|---|
| MSC-AS-XX | Companion Switch 120 V~ |
| MSC-AS-277-XX | Companion Switch 277 V~ |

Companion Switch



**NOTE:** "XX" in the model number represents color/finish code.

1 Neutral wire required

2 BAA-compliant model numbers available. Add a "U" prefix to the model number

3 May require LUT-MLC (included with MRF2-8S-DV models) to ensure proper function with low-wattage load types. See page 12 for details.

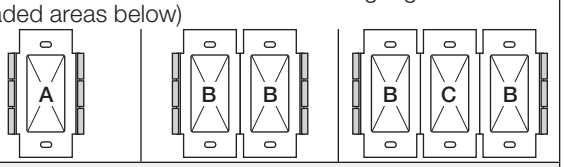


| Job Name: | Model Numbers: | |
|---|---|---|
| | | |
| Job Number: | | |

# Switch Load Type and Capacity

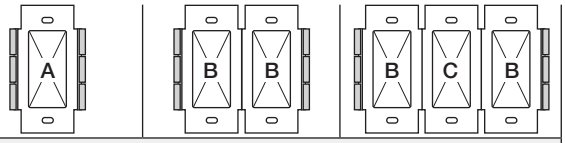
## Neutral Required

Do not remove outside fins on ends of ganged controls (shaded areas below)




| Control | Voltage | Load Type | Minimum Load | Maximum Load | | |
|---|---|---|---|---|---|---|
| | | | | A: Not Ganged | B: End of Gang | C: Middle of Gang |
| MRF2-8ANS-120 [1,2,5] | 120 V~ | Lighting | 25 W | 8 A | 6.5 A | 5 A |
| | | Fan Motor | 0.2 A | 1/4 HP (5.8 A) | 1/4 HP (5.8 A) | 1/6 HP (4.4 A) |
| MRF2-6ANS [1] | 120 V~ | Lighting | 25 W | 6 A | 5 A | 3.5 A |
| | | Fan Motor | 0.2 A | 1/10 HP (3 A) | 1/10 HP (3 A) | 1/10 HP (3 A) |

## No Neutral Required




| Control | Voltage | Load Type | Minimum Load | Maximum Load | | |
|---|---|---|---|---|---|---|
| | | | | A: Not Ganged | B: End of Gang | C: Middle of Gang |
| MRF2-8S-DV [1,5] | 120–277 V~ | Incandescent/Halogen | 25 W | 8 A | 8 A/7 A[4] | 7 A |
| | 120–277 V~ | Fluorescent/LED/CFL | 40 W (LUT-MLC)[3] | 8 A | 8 A/7 A[4] | 7 A |
| | 120 V~ | Fan Motor | 0.4 A | 1/10 HP (3 A) | 1/10 HP (3 A) | 1/10 HP (3 A) |

1 Switch Load Type:
- MRF2-8ANS-120 is designed for use with permanently-installed lighting loads and with fan motor loads up to 1/4 HP (5.8 A).
- MRF2-6ANS is designed for use with permanently-installed lighting loads and with fan motor loads up to 1/10 HP (3 A).
- MRF2-8S-DV is designed for use with permanently-installed lighting loads and with fan motor loads up to 1/10 HP (3 A, 120 V~ only).

2 For loads larger than 8 A (120 V~), the MRF2-8ANS-120 switch can be used with the PHPM-SW-DV-WH power booster.

3 The LUT-MLC ensures proper function with low-wattage fluorescent, CFL, and LED load types. See page 12 for details.

4 Maximum load for double-gang application is 8 A. Triple-gang application derates maximum load to 7 A.

5 BAA-compliant model numbers available. Add a “U” prefix to the model number.



| Job Name: | Model Numbers: | |
|---|---|---|
| | | |
| Job Number: | | |

# Specifications

### Regulatory Approvals

- UL® Listed.
- cUL Listed (MRF2-6CL only).
- CSA Certified (except for MRF2-6CL).
- FCC Approved. Complies with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.
- Industry Canada Certified.

### Power

Operating voltage:

- 120 V~ 50/60 Hz (all models)
- 277 V~ 50/60 Hz (MRF2-8S-DV, MRF2-F6AN-DV)

# Key Design Features

### Dimmers

- On a single-tap, lights fade UP or DOWN.
- On a double-tap, lights go to full ON.
- When ON, press and hold to engage 20-second fade to OFF.
- Light levels can be fine-tuned by pressing and holding the dimming rocker until the desired light level is reached.
- Two-wire dimmers available.

### Switches

- On a single-tap, lights turn ON or OFF.
- Two-wire switches available.

### All RF Local Controls

- Tested to withstand electrostatic discharge without damage or memory loss, in accordance with IEC 61000-4-2.
- 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.
- Controls always operate locally and do not require system control.
- Power failure memory: should power be interrupted, the control will return to its previously-set level prior to the interruption when power is restored.
- Uses conventional 3-way and 4-way wiring.
- Multiple location control from Dimmer/Switch and up to nine Companion Dimmers/Switches.
- Use Lutron Designer (Claro and Satin Colors) wallplates or designer-style wallplates from other manufacturers. Wallplates are sold separately.
- Lutron Claro and Satin Colors wallplates snap on with no visible means of attachment.
- Requires a one-gang U.S. wallbox; 3½ in (89 mm) deep recommended, 2¼ in (57 mm) deep minimum.
- Green indicator lights.

### System Communications and Capacity

- Maestro Wireless controls communicate with the Pico wireless controls and Radio Power Savr sensors through radio frequency (RF).
- Maestro Wireless local controls must be located within 60 ft (18 m) line-of-sight or 30 ft (9 m) through walls, of Radio Power Savr sensors.
- Maestro Wireless local controls must be located within 100 ft (30 m) line-of-sight or 30 ft (9 m) through walls, of a Pico wireless control.
- Up to ten Maestro Wireless controls can be configured to work together.

### Environment

- Ambient operating temperature: 32 °F to 104 °F (0 °C to 40 °C), 0%–90% humidity, non-condensing. Indoor use only.

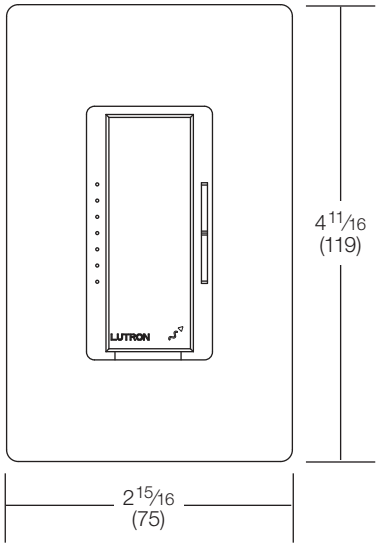


| Job Name: | Model Numbers: | |
|---|---|---|
| | | |
| Job Number: | | |

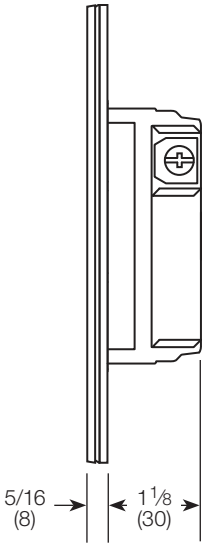
## Dimensions

All dimensions are shown as: in (mm)

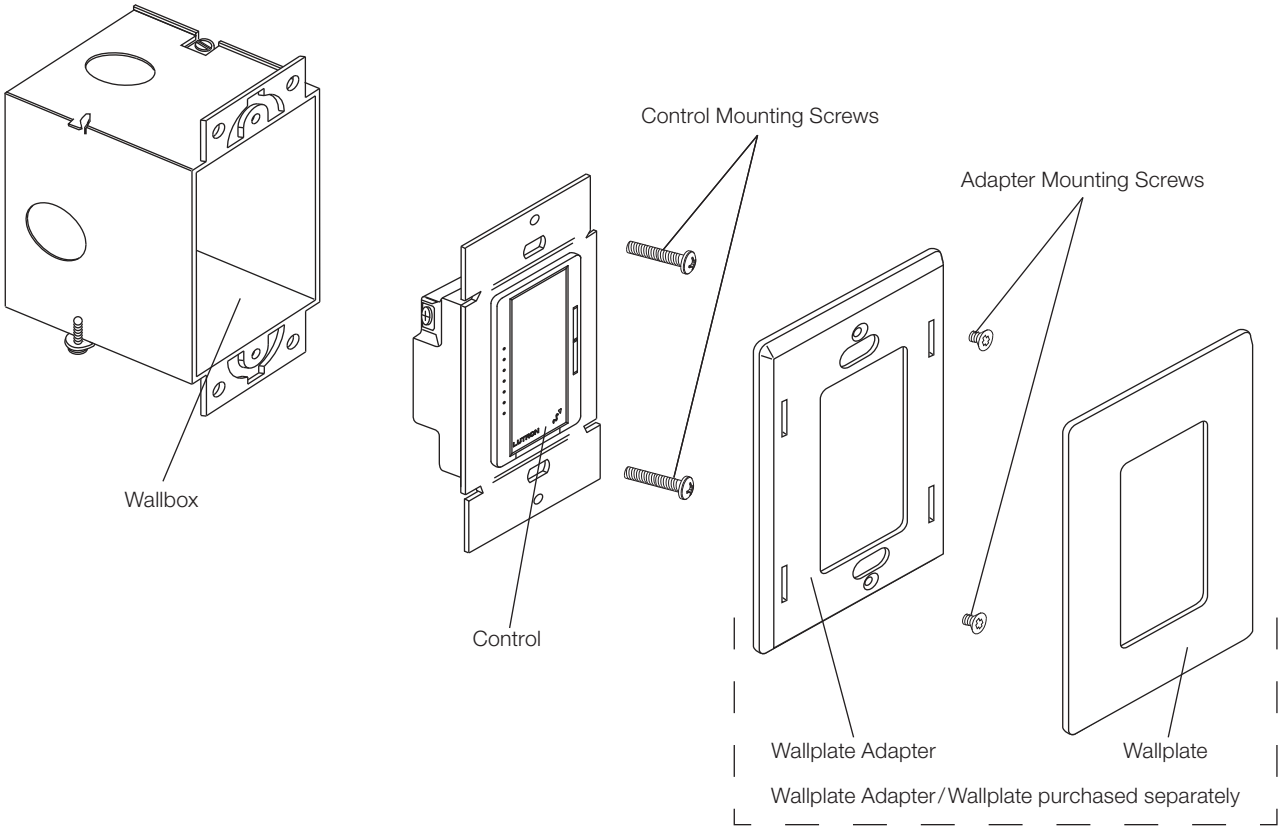
**Front View**




**Side View**




## Mounting

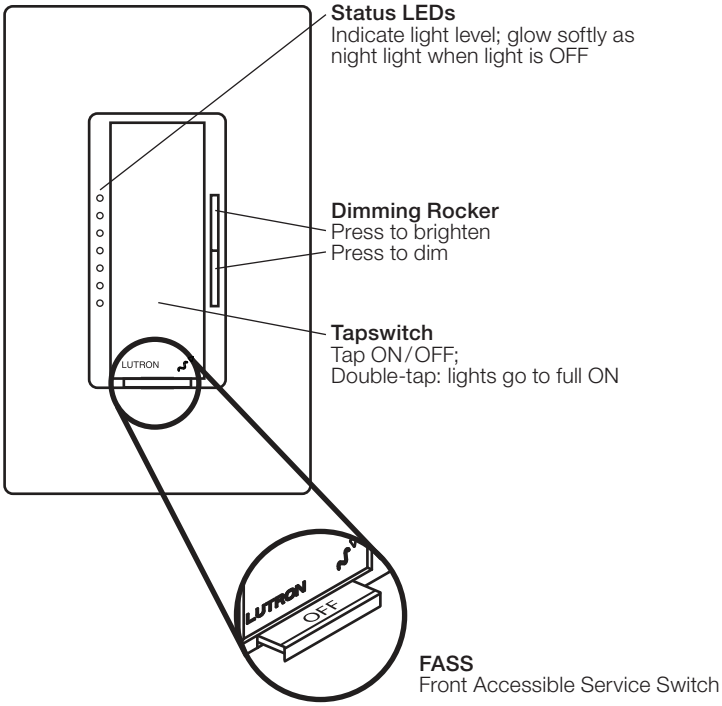




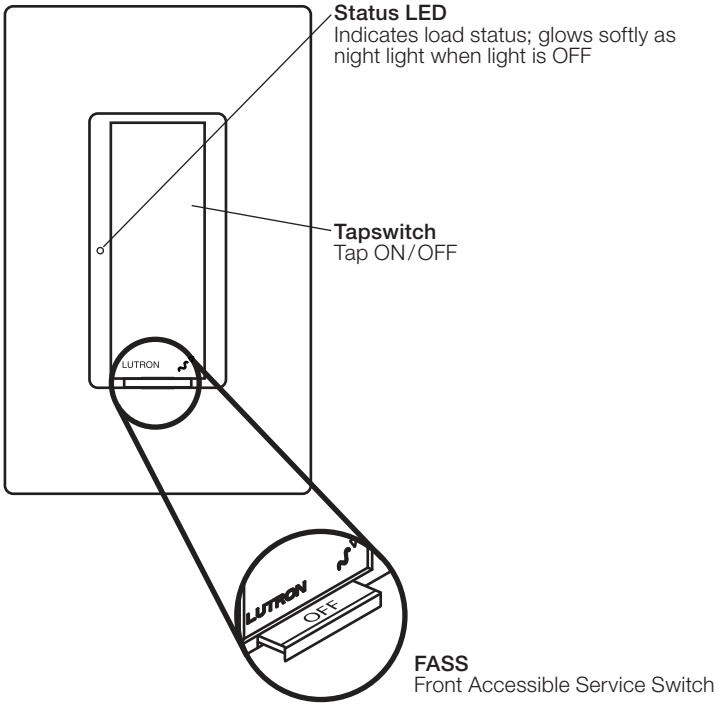

| Job Name: | Model Numbers: | |
|---|---|---|
| | | |
| Job Number: | | |

# Operation

**Dimmer**




**Switch**




***FASS Front Accessible Service Switch***

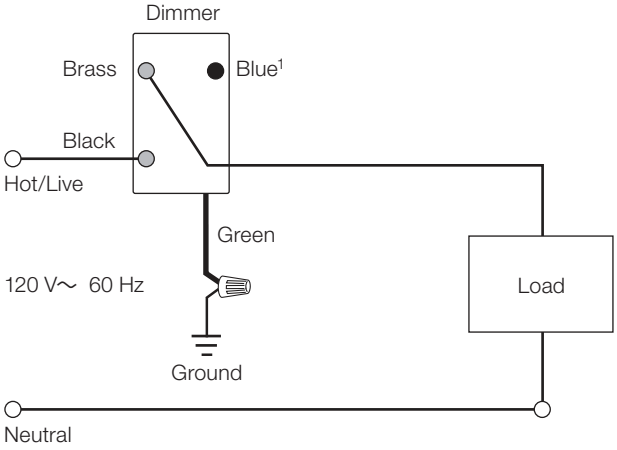
**Important Notice:** To service load, remove power by pulling the FASS out completely on either the Dimmer/Switch or Companion Dimmer/Switch. After servicing load, push the FASS back in fully to restore power to the control.



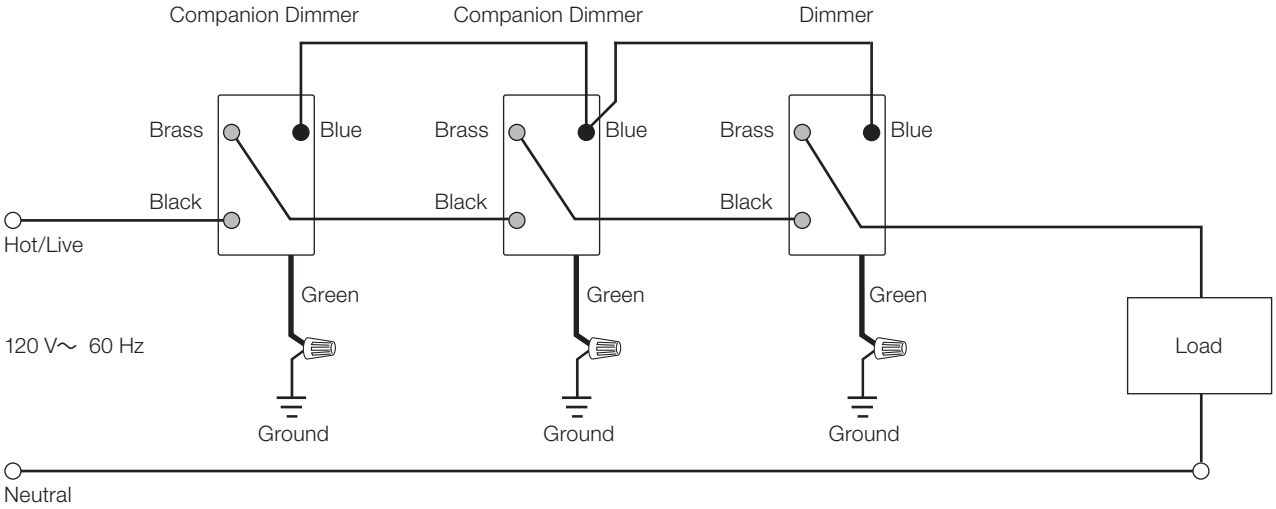
| Job Name: | Model Numbers: | |
|---|---|---|
| | | |
| Job Number: | | |

# Wiring Diagrams

**Single-Location Dimmer Installation without Neutral**
MRF2-6CL, -6MLV, -10D-120




**Multi-Location Dimmer Installation without Neutral[2]**
MRF2-6CL, -6MLV, -10D-120 with MA-R/MSC-AD




1 When using controls in single location installations, tighten the blue terminal without any wires attached. Do not connect the blue terminal to any other wiring or to ground.

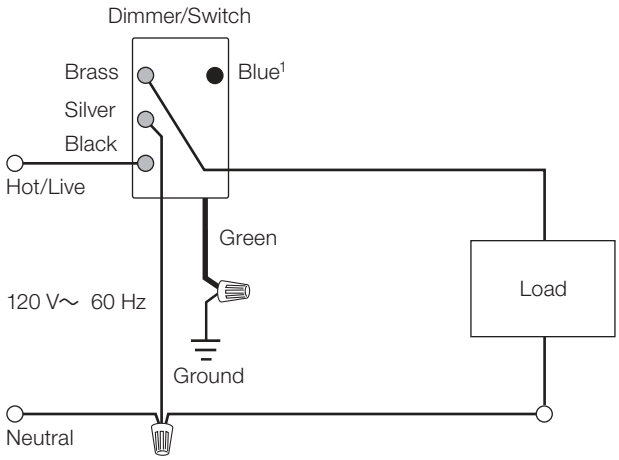
2 Up to nine Maestro Companion Dimmers may be connected to the Maestro Wireless Dimmer. Total blue terminal wire length may be up to 250 ft (76 m).



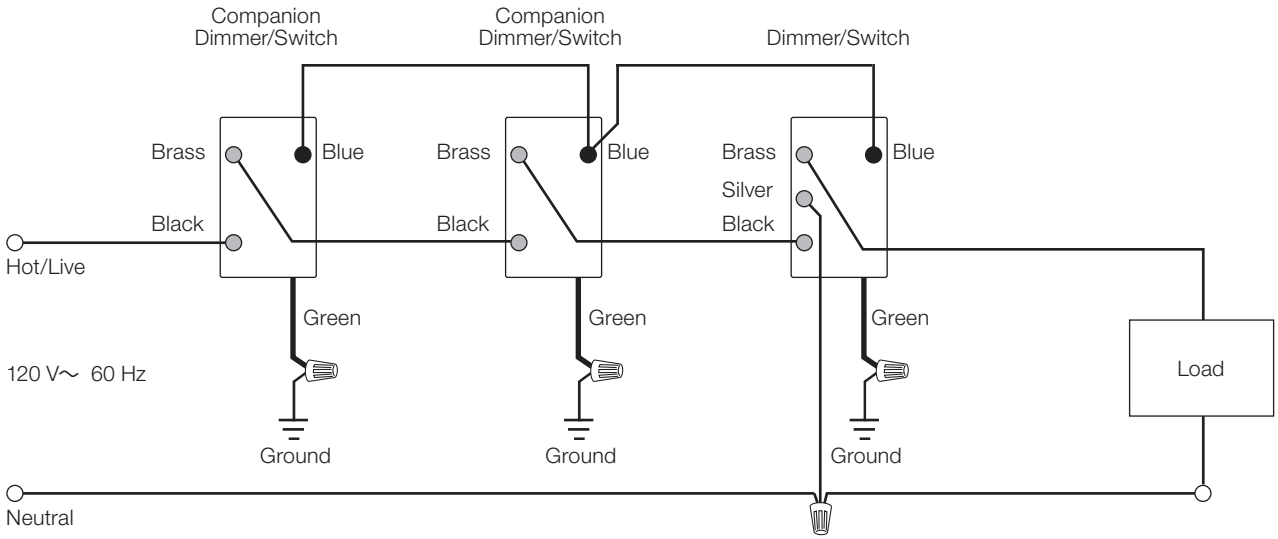
| Job Name: | Model Numbers: | |
|---|---|---|
| | | |
| Job Number: | | |

# Wiring Diagrams (continued)

**Single-Location Dimmer/Switch Installation with Neutral**
MRF2-6ND-120, -6ELV-120, -6ANS, -8ANS-120




**Multi-Location Dimmer/Switch Installation with Neutral[2,3]**
MRF2-6ND-120, -6ELV-120 with MA-R/MSC-AD; -6ANS, -8ANS-120 with MA-AS/MSC-AS



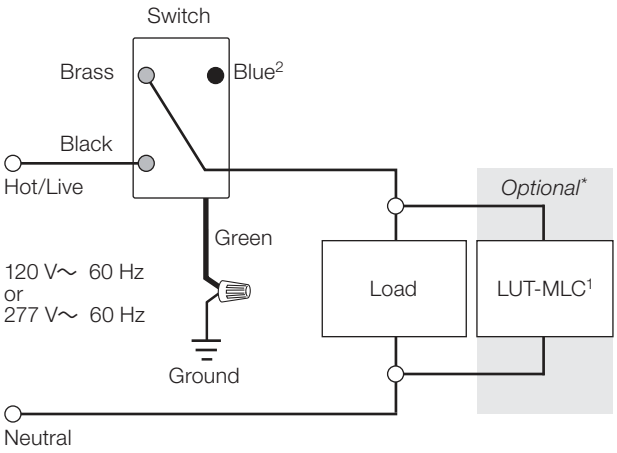

1 When using controls in single location installations, tighten the blue terminal without any wires attached. Do not connect the blue terminal to any other wiring or to ground.
2 Up to nine Maestro Companion Dimmers/Switches may be connected to the Maestro Wireless Dimmer/Switch. Total blue terminal wire length may be up to 250 ft (76 m).
3 Neutral-wire Dimmers/Switches must be connected on the Load side of a multi-location installation.



| Job Name: | Model Numbers: | |
|---|---|---|
| | | |
| Job Number: | | |

## Wiring Diagrams (continued)

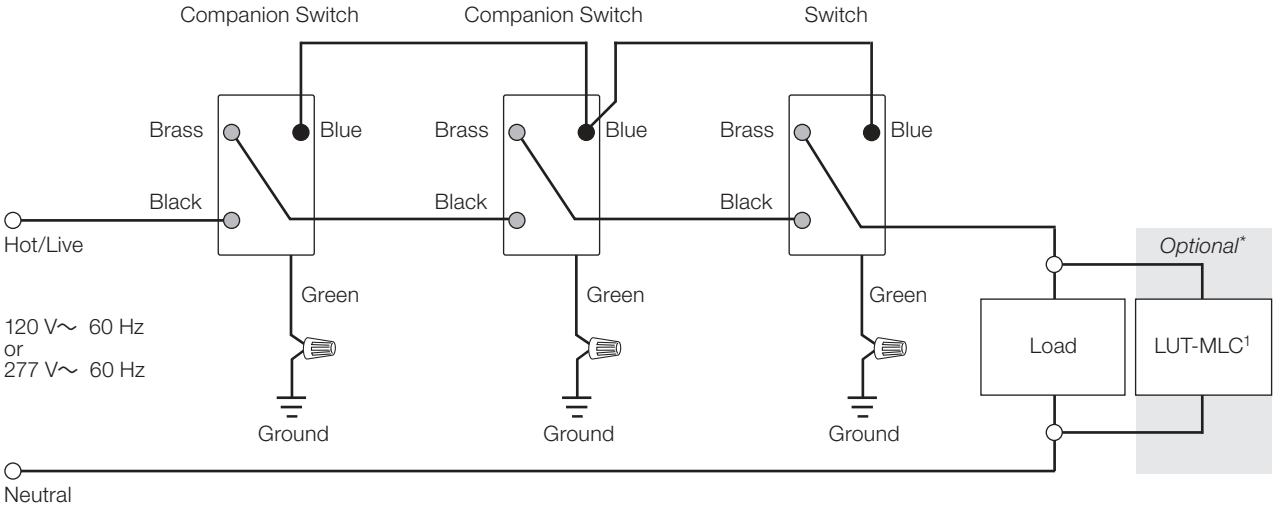
**Single-Location Switch Installation with LUT-MLC[1]**
MRF2-8S-DV




*** Optional Procedure:**
Using LUT-MLC with MRF2-8S-DV-XX

- Install MRF2-8S-DV-XX first without LUT-MLC to see if required. Check for problems with load.
- Problems can occur when low-wattage loads are used (< 40 W).
- Watch for flickering loads when dimmer is in electronic OFF state.
- If required, LUT-MLC can be installed between switched hot and neutral in wallbox if neutral is present, or in any fixture on the switched circuit.

**Multi-Location Switch Installation with LUT-MLC[1,2,3]**
MRF2-8S-DV with MA-AS/MA-AS-277 or MSC-AS/MSC-AS-277[4]




1 A LUT-MLC ensures proper function when low-wattage fluorescent, CFL, or LED loads are used. Install the LUT-MLC inside a load fixture or in a separate J-box within the circuit.

2 When using controls in single-location installations, tighten the blue terminal without any wires attached. Do not connect the blue terminal to any other wiring or to ground.

3 Up to nine Maestro Companion Switches may be connected to the Maestro Wireless Switch. Total blue terminal wire length may be up to 250 ft (76 m).

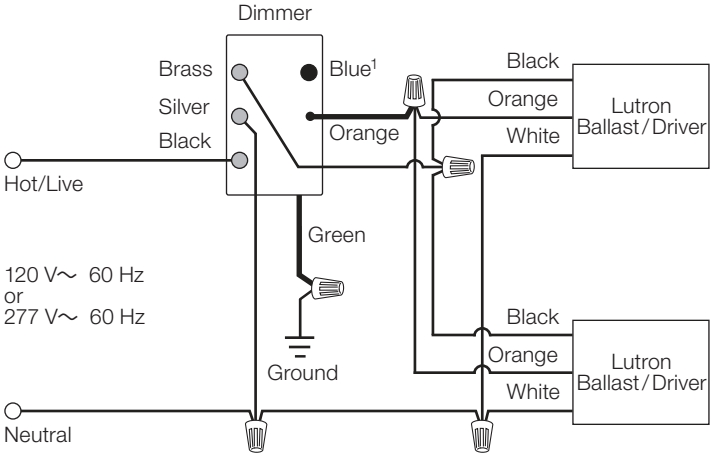
4 Requires MA-AS/MSC-AS for 120 V~ applications, and MA-AS-277/MSC-AS-277 for 277 V~ applications.



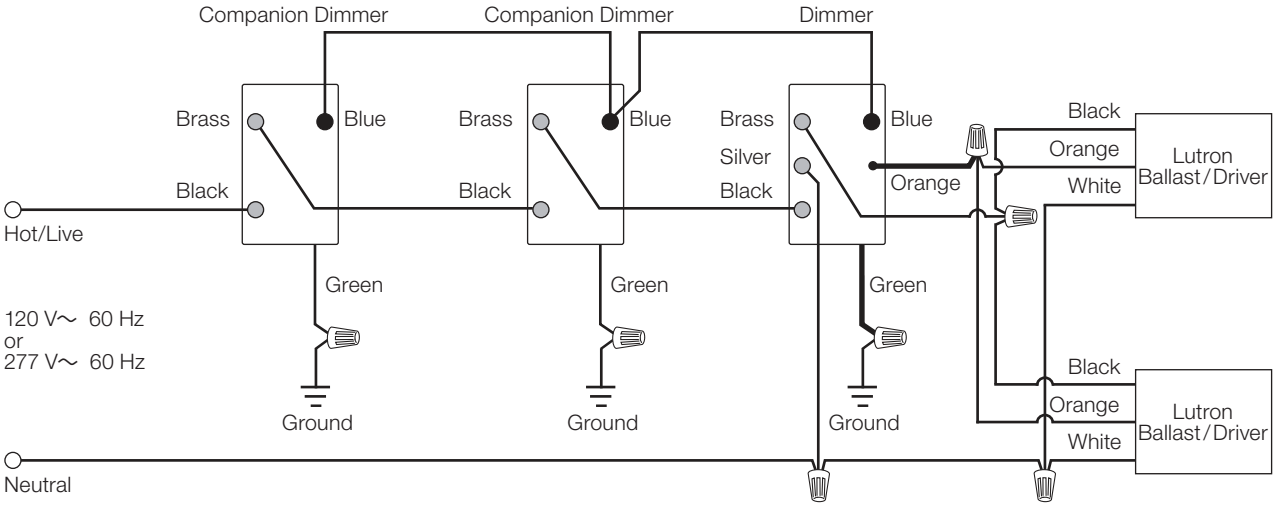
| Job Name: | Model Numbers: | |
|---|---|---|
| | | |
| Job Number: | | |

# Wiring Diagrams (continued)

**Single-Location Fluorescent Dimmer Installation with Neutral**
MRF2-F6AN-DV




**Multi-Location Fluorescent Dimmer Installation with Neutral[2,3]**
MRF2-F6AN-DV with MA-R / MA-R-277 or MSC-AD / MSC-AD-277[4]



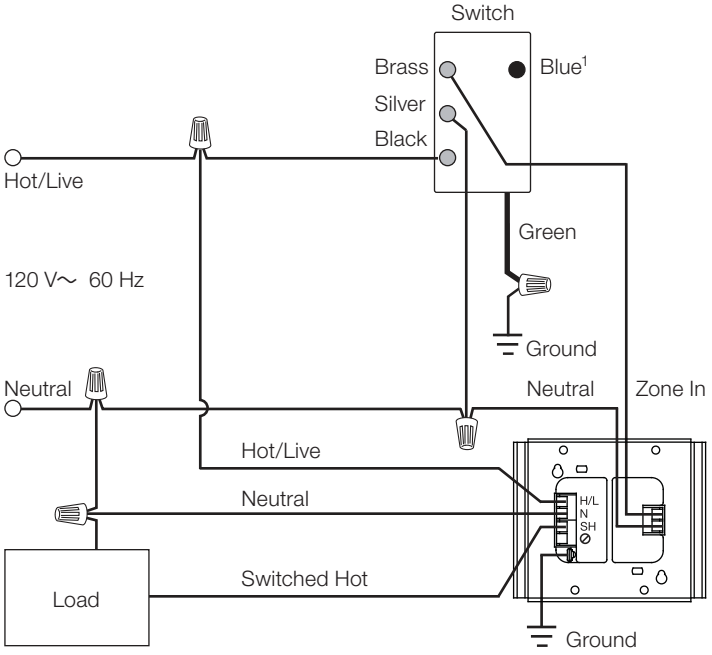

1 When using controls in single location installations, tighten the blue terminal. Do not connect the blue terminal to any other wiring or to ground.
2 Up to nine Maestro Companion Dimmers may be connected to the Maestro Wireless Dimmer. Total blue terminal wire length may be up to 250 ft (76 m).
3 Neutral-wire Dimmers must be connected on the Load side of a multi-location installation.
4 Requires MA-R / MSC-AD for 120 V~ applications, and MA-R-277 / MSC-AD-277 for 277 V~ applications.



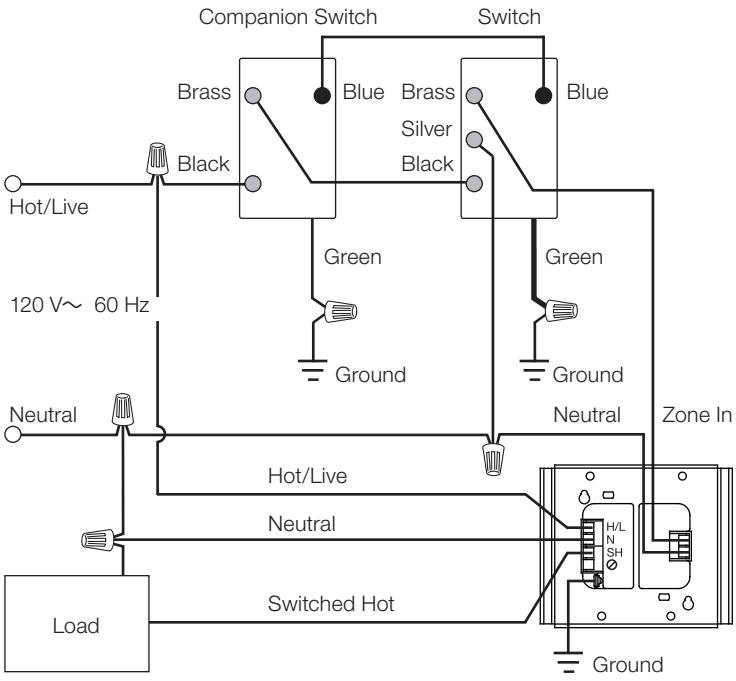
| Job Name: | Model Numbers: | |
|---|---|---|
| | | |
| Job Number: | | |

## Wiring Diagrams (continued)

**Single-Location Switch Installation with Power Booster Single Feed**
MRF2-6ANS, -8ANS-120 with PHPM-SW-DV-WH




**Multi-Location Switch Installation with Power Booster Single Feed[2,3]**
MRF2-6ANS, -8ANS-120 with MA-AS/MSC-AS and PHPM-SW-DV-WH



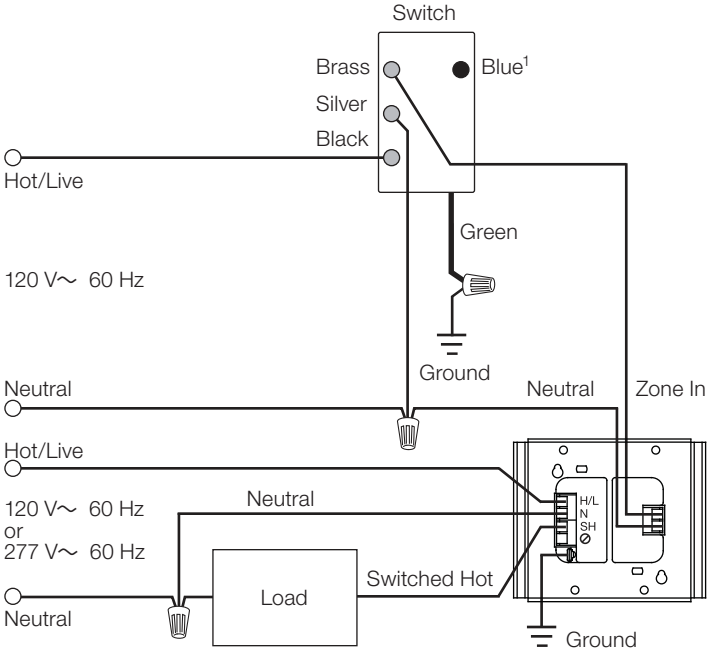

1 When using controls in single-location installations, tighten the blue terminal. Do not connect the blue terminal to any other wiring or to ground.
2 Up to nine Maestro Companion Switches may be connected to the Maestro Wireless Switch. Total blue terminal wire length may be up to 250 ft (76 m).
3 Neutral-wire Switches must be connected on the Load side of a multi-location installation.



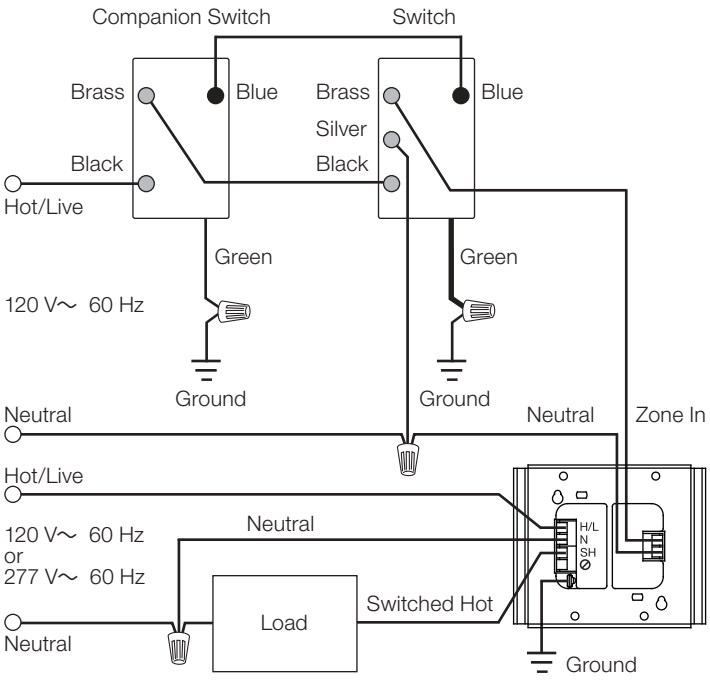
| Job Name: | Model Numbers: | |
|---|---|---|
| | | |
| Job Number: | | |

# Wiring Diagrams (continued)

**Single-Location Switch Installation with Power Booster Dual Feed**
MRF2-6ANS, -8ANS-120 with PHPM-SW-DV-WH




**Multi-Location Switch Installation with Power Booster Dual Feed[1,2]**
MRF2-6ANS, -8ANS-120 with MA-AS/MSC-AS and PHPM-SW-DV-WH



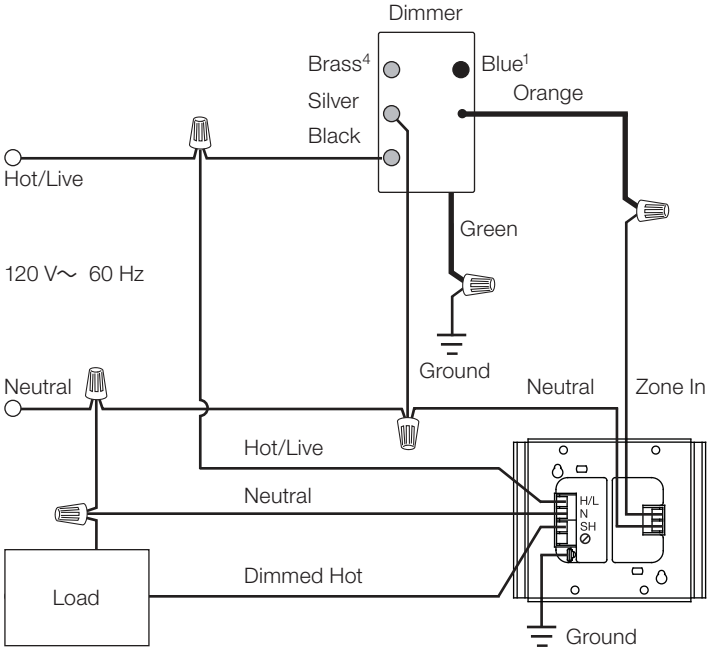

1 When using controls in single-location installations, tighten the blue terminal. Do not connect the blue terminal to any other wiring or to ground.
2 Up to nine Maestro Companion Switches may be connected to the Maestro Wireless Switch. Total blue terminal wire length may be up to 250 ft (76 m).
3 Neutral-wire Switches must be connected on the Load side of a multi-location installation.



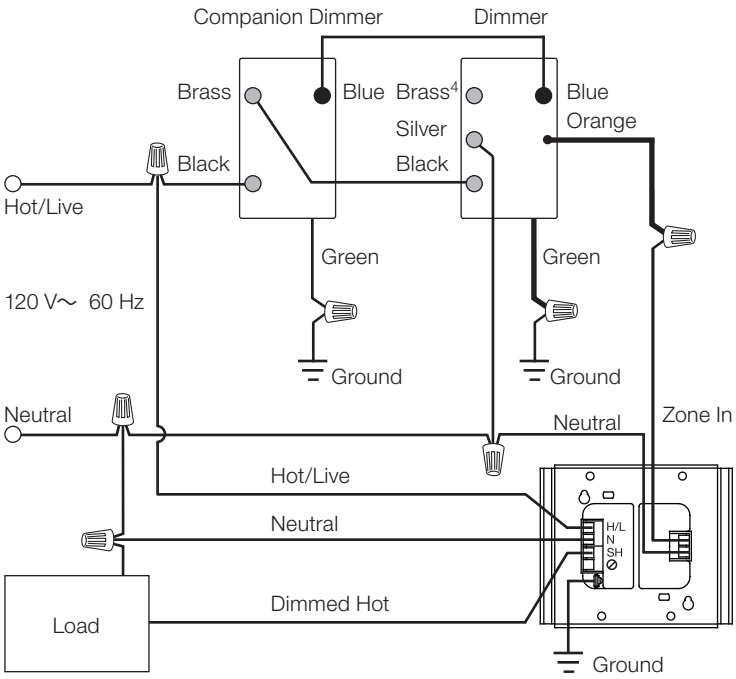
| Job Name: | Model Numbers: | |
|---|---|---|
| | | |
| Job Number: | | |

# Wiring Diagrams (continued)

**Single-Location Fluorescent Dimmer Installation with Power Booster Single Feed**
MRF2-F6AN-DV with PHPM-3F-DV-WH, PHPM-PA-DV-WH, or PHPM-WBX-DV-WH




**Multi-Location Fluorescent Dimmer Installation with Power Booster Dual Feed[2,3]**
MRF2-F6AN-DV with MA-R/MSC-AD and PHPM-3F-DV-WH, PHPM-PA-DV-WH, or PHPM-WBX-DV-WH



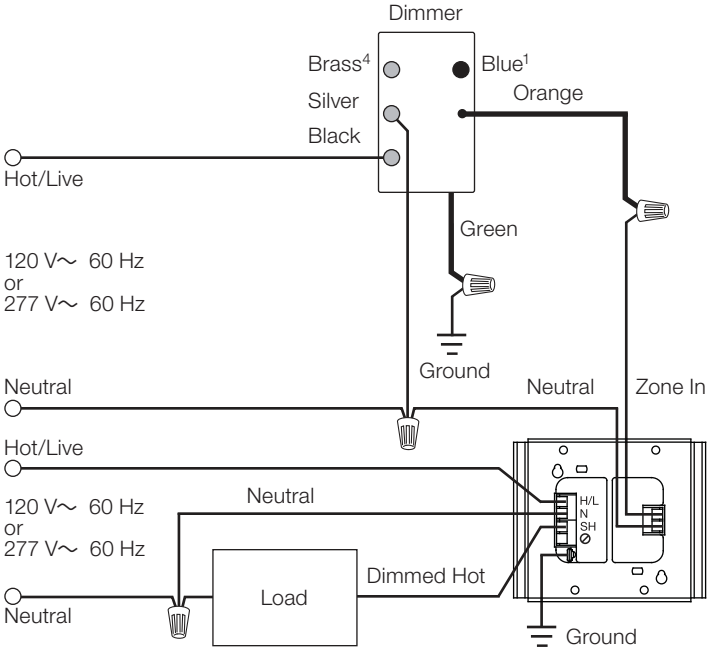

1 When using controls in single location installations, tighten the blue terminal. Do not connect the blue terminal to any other wiring or to ground.
2 Up to nine Maestro Companion Dimmers may be connected to the Maestro Wireless Dimmer. Total blue terminal wire length may be up to 250 ft (76 m).
3 Neutral-wire Dimmers must be connected on the Load side of a multi-location installation.
4 When using a PHPM, tighten the brass (Sw Hot) terminal of the MRF2-F6AN-DV. Do not connect the brass terminal to any other wiring or to ground.



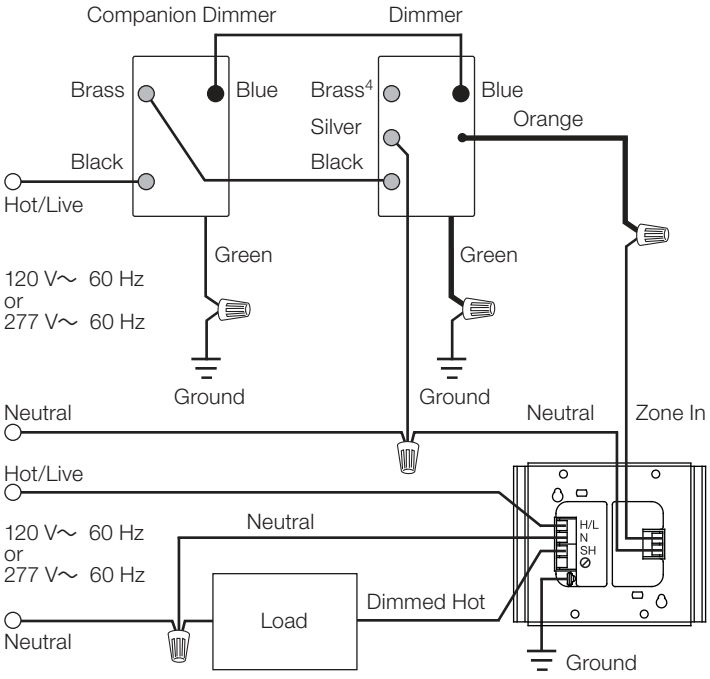
| Job Name: | Model Numbers: | |
|---|---|---|
| | | |
| Job Number: | | |

## Wiring Diagrams (continued)

**Single-Location Fluorescent Dimmer Installation with Power Booster Dual Feed**
MRF2-F6AN-DV with PHPM-3F-DV-WH, PHPM-PA-DV-WH, or PHPM-WBX-DV-WH




**Multi-Location Fluorescent Dimmer Installation with Power Booster Dual Feed[2,3]**
MRF2-F6AN-DV with MA-R/MSC-AD and PHPM-3F-DV-WH, PHPM-PA-DV-WH, or PHPM-WBX-DV-WH



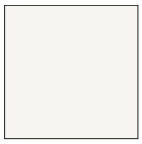

1 When using controls in single location installations, tighten the blue terminal. Do not connect the blue terminal to any other wiring or to ground.
2 Up to nine Maestro Companion Dimmers may be connected to the Maestro Wireless Dimmer. Total blue terminal wire length may be up to 250 ft (76 m).
3 Neutral-wire Dimmers must be connected on the Load side of a multi-location installation.
4 When using a PHPM, tighten the brass (Sw Hot) terminal of the MRF2-F6AN-DV. Do not connect the brass terminal to any other wiring or to ground.

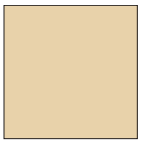


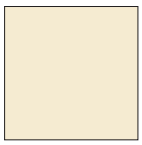
| Job Name: | Model Numbers: | |
|---|---|---|
| | | |
| Job Number: | | |

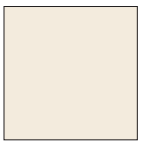
# Colors and Finishes

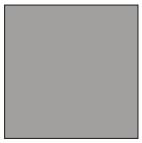
## Gloss Finishes


White
WH


Ivory
IV


Almond
AL


Light Almond
LA


Gray
GR


Brown
BR

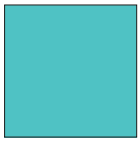

Black
BL

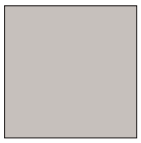
## Satin Finishes

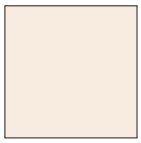

Hot
HT

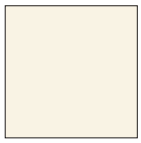

Merlot
MR

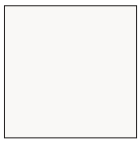

Plum
PL

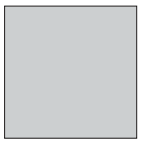

Turquoise
TQ


Taupe
TP


Eggshell
ES


Biscuit
BI


Snow
SW


Palladium
PD

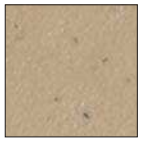

Midnight
MN


Sienna
SI


Terracotta
TC


Greenbriar
GB


Bluestone
BG


Mocha Stone
MS


Goldstone
GS


Desert Stone
DS


Stone
ST


Limestone
LS

- Due to printing limitations, colors and finishes shown cannot be guaranteed to perfectly match actual product colors.
- Color chip keychains are available for more precise color matching:
  Gloss Finishes: DG-CK-1
  Satin Finishes: SC-CK-1

## ***Metal Finish*** (wallplate only)


Stainless Steel
SS

When using Stainless Steel wallplates, it is recommended that you order the dimmer/switch in Midnight (MN).

Lutron, Lutron, Claro, Clear Connect, Eco-10, EcoSystem, Hi-lume, Maestro, Maestro Wireless, Pico, Satin Colors, and Tu-Wire are trademarks of Lutron Electronics Co., Inc., registered in the U.S. and other countries. Radio Powr Savr, FASS, Hi-lume Compact SE, and Hi-Power 2•4•6 are trademarks of Lutron Electronics Co., Inc.

UL is a trademark of UL LLC.



| Job Name: | Model Numbers: | |
|---|---|---|
| | | |
| Job Number: | | |