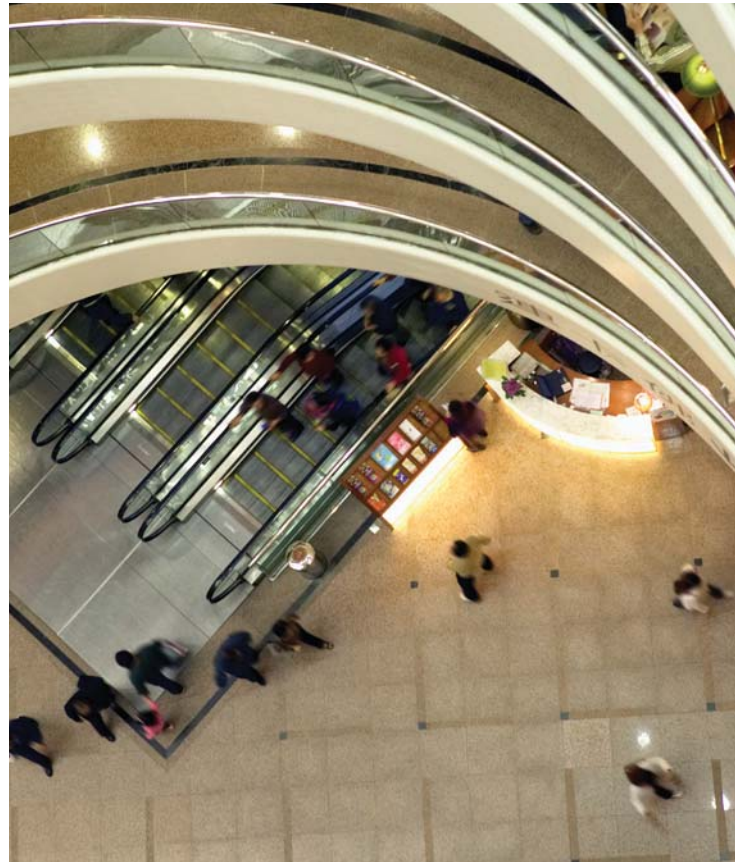
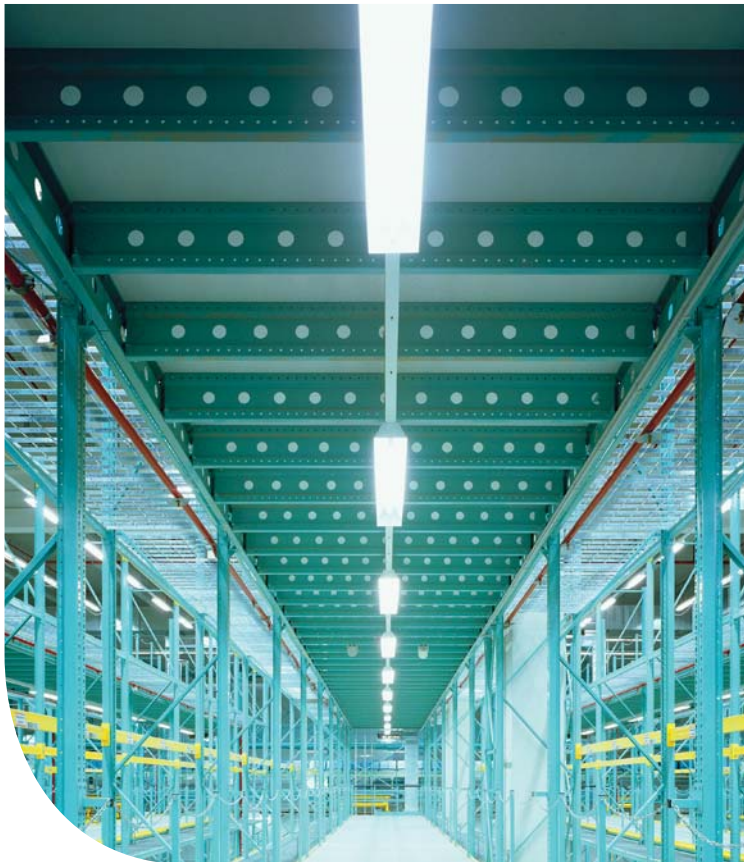
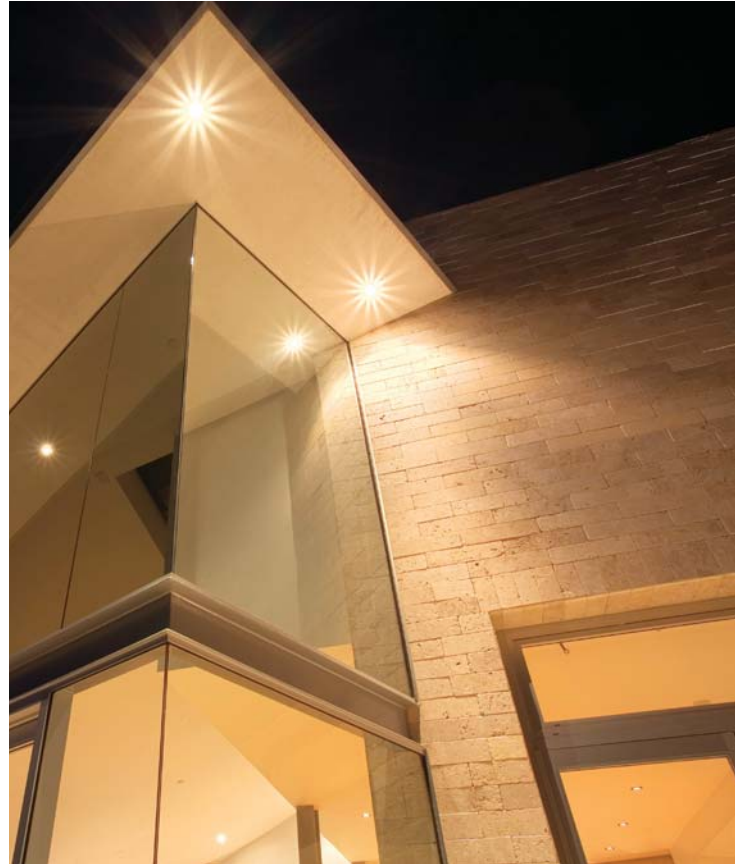


# Smart Products. Ingenious Solutions.

Wiring Devices, Energy Management  
Solutions and Commercial Data  
Infrastructure Products

L-200





## Lighting and Fan Speed Controls

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## Commercial Grade

### Dimensions® D4000 Series Architectural Lighting Control System

The Dimensions D4000 Series offers a wide range of entry stations and accessories for a powerful and flexible lighting control solution. Easy to install, configure and operate, D4000 Series products are scalable for every application from stand-alone systems to a complete network environment.



D4200



D42P8-00W

#### Specifications and Features

- Up to 32 zones/channels of control
- Up to 6 Internal Network Dimmers
- Scene memory 16 + 2
- Fade times for each scene
- Room partition control
- Remote dimmer configuration
- Includes Lockout and Sequencer
- Complete multi-event scheduler
- Integrated astronomical time clock
- Dimmer Rating for Incandescent, Advance Mark 10®\*, Lutron Tu-Wire®\* and Magnetic Low Voltage load types:
  - 120V: Max 1,000W per Dimmer; Max 1,920W per unit (continuous); Max 1,200W per side
  - 230V: Max 800W per Dimmer; Max 2,420W per unit (continuous); Max 1,200W per side

#### D4104/D4106 Stand-Alone Systems

- Compatible with Entry and Room Combine Stations
- Used when integration with other product or rooms is not required
- 4 or 6 channels and dimmers
- UL Listed (120V models only)
- All units 50/60 Hz

#### D4200 Network Controller

- Full network compatibility
- 32 control channels
- Used to control other dimmers or relays on the Luma-Net network

#### D4206 Network Controller w/Dimmers

- Full network and device compatibility
- 32 control channels
- Used to control other dimmers or relays on the Luma-Net network
- 6 internal dimmers
- UL Listed (120V models only)
- All units 50/60 Hz

#### D4006 Remote Dimmer

- Full network compatibility
- Controllable by any network controller
- Start channel and Network ID (address) set from front panel
- Full configuration from any connected D4200 or D4206
- 6 internal dimmers
- UL Listed (120V models only)
- All units 50/60 Hz

### D4000 Series Features and Specs Contd.

#### Entrance Stations

- Connect to controller via Luma-Net network
- Used to remotely control scenes and zones on a master station

#### Command Stations

- Connect to controller via Luma-Net network
- Used to execute commands on a master station

#### Room Combine Stations

- Connect to controller via Luma-Net network
- Requires 1 Master station in each room, addressed 10 for room 1, 20 for room 2, etc.
- Other room-combine options available, contact your local sales agent for more information

#### Applications

Ballrooms, Cafeterias, Auditoriums, Lecture Halls, Conference Rooms, Hotel Suites, Restaurants, Museums, Houses of Worship



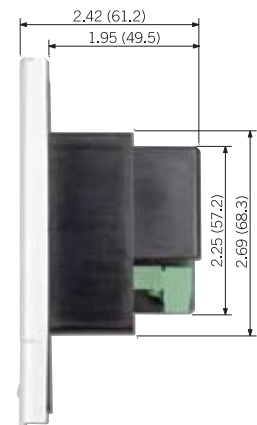
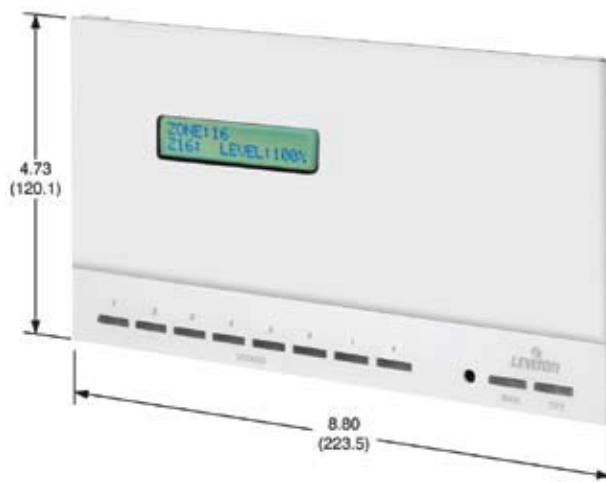
D42P8-00W

Mark 10<sup>®</sup> is a registered trademark of Advance Transformer Company.  
Lutron Tu-Wire<sup>®</sup> is a registered trademark of Lutron Electronics Co., Inc.

## PRODUCT COMPATIBILITY CHART

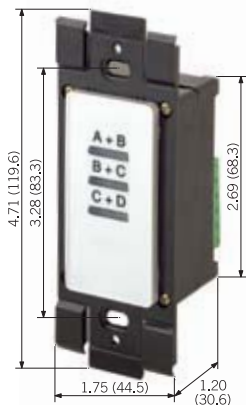
### Products Being Controlled

D4000 Series Controllers	D4200 Entrance Stations	D4200 Partition Stations	iSeries e a-2000 MDS	Z-MAX Network Panels	NPC	D4104/ D4106	D4200	D4206	D4006	Closure Input/ Output	AV
D4104/ D4106	Yes	Yes	—	—	—	—	—	—	—	Yes	Yes
D4200	Yes	Yes	Yes	Yes	Yes	—	—	Yes	Yes	Yes	Yes
D4206	Yes	Yes	Yes	Yes	Yes	—	—	Yes	Yes	Yes	Yes
D8000	—	—	Yes	Yes	Yes	Yes	—	Yes	Yes	Yes	Yes
Luma-Graphics	—	—	Yes	Yes	Yes	Yes	—	Yes	Yes	—	—



## Commercial Grade

### DIMENSIONS® D4000 SERIES LIGHTING CONTROLLER



D42CS-03W

Description	Cat. No.
120V, 4 Channels/Dimmers, Stand-Alone System	D4104-1LW
230V, 4 Channels/Dimmers, Stand-Alone System	D4104-2LW
120V, 6 Channels/Dimmers, Stand-Alone System	D4106-1LW
230V, 6 Channels/Dimmers, Stand-Alone System	D4106-2LW
Network Controller	D4200-00W
120V, 6 Channels/Dimmers, Network Controller w/Dimmers	D4206-1LW
230V, 6 Channels/Dimmers, Network Controller w/Dimmers	D4206-2LW
120V, 6 Channels/Dimmers, Remote Dimmer	D4006-1LW
230V, 6 Channels/Dimmers, Remote Dimmer	D4006-2LW

### DIMENSIONS D4000 SERIES WALL-MOUNTED REMOTE STATIONS

Description	Cat. No.
One-button Start/Stop Sequencer	D42SQ-00W
One-button Start/Stop Event Timer	D42ET-00W
One-button Join/Separate Link	D42LI-NKW
One-button Lock/Unlock	D42LO-CKW
Two-button: Preset Scene 1 and OFF, built-in IR receiver	D42P1-00W
Two-button: Master Raise and Lower, built-in IR receiver	D42RL-00W
Two-button: Preset Scene Max and OFF, built-in IR receiver	D42MO-00W
Three-button: Preset Scene 1, Max and OFF, built-in IR receiver	D42P1-M0W
Four-button: Max, OFF, Master Raise and Lower, built-in IR receiver	D42MO-RLW
Five-button: Preset Scenes 1-4 and OFF, built-in IR receiver	D42P4-00W
Five-button: Preset Scene 1, Max, OFF, Master Raise and Lower, built-in IR receiver	D42P1-RLW
Eight-button: Preset Scenes 1-4, Max, OFF, Raise and Lower, built-in IR receiver	D42P4-RLW
Eight-button: Preset Scenes 9-16	D42P9-16W
Ten-button: Preset Scenes 1-8, Max and OFF, built-in IR receiver	D42P8-00W
Ten-button: Preset Scenes 9-16, Raise and Lower, built-in receiver	D42P9-RLW



D42IR-16L

### DIMENSIONS D4000 SERIES ROOM-COMBINE STATIONS

Description	Cat. No.
One-button: Combines 2 rooms with 1 partition	D42CS-01W
Three-button: Combines 3 rooms with 3 partitions	D42CS-3AW
Four-button: Combines 4 rooms with 4 partitions	D42CS-04W
Two-button: Combines 3 rooms with 2 partitions	D42CS-02W
Three-button: Combines 4 rooms with 3 partitions	D42CS-03W

### DIMENSIONS D4000 SERIES IR HANDHELD CONTROLS†

Description	Cat. No.
Four Preset Scenes	D42IR-04L
Eight Preset Scenes	D42IR-08L
Sixteen Preset Scenes	D42IR-16L

†Remote IR Ceiling-Mount Receivers available in single-gang and 2-gang models. Consult your Leviton representative for more information.

### Power Extenders

Leviton Power Extenders increase the load capacity and versatility of dimmers and architectural systems. A variety of models are available for all types of loads.

#### Specifications and features

- Emulates characteristics of dimmer it is connected to in terms of dimming range and resolution
- Low-end trim available for setting minimum brightness level (PE100, PE200, PE300)
- PE100, PE200 and PE400 can be surface or flush mounted using 1900 Box and 2-gang raised cover
- PE300 mounts in 4" square box
- Limited Two-Year Warranty

#### PE100-10W & PE200-10W

- Extends the capacity of dimmers and emulates connected dimmers in dimming range and resolution
- Low-end trim setting for minimum brightness level
- Aluminum heat sink with snap-on cover
- Can be surface- or flush-mounted using a 1900 Box and 2-gang raised cover

#### PE200-70W & PE400-10W

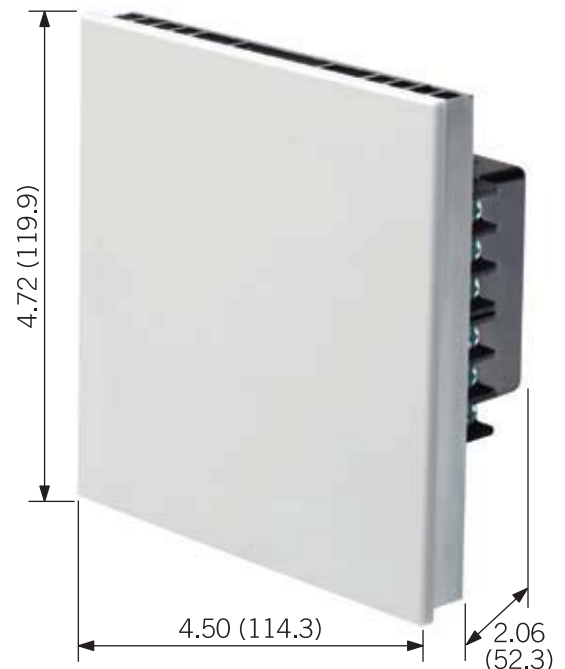
- Extends the capacity of dimmers and emulates connected dimmers in dimming range and resolution
- Aluminum heat sink with snap-on cover
- Can be surface- or flush-mounted using a 1900 Box and 2-gang raised cover

#### PE300-10W

- Extends the capacity of dimmers and emulates connected dimmers in dimming range and resolution
- Low-end trim setting for minimum brightness level
- Mounts in 4-inch square wall box



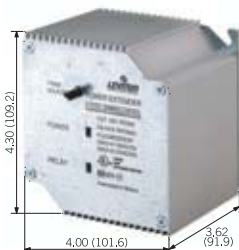
PE300-DOW



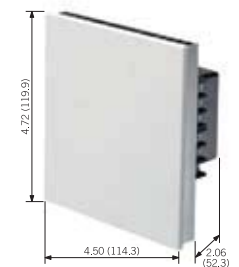
PE100/200/400/AUX/AU7

## Commercial Grade

### STANDARD POWER EXTENDERS



PE300-DOW



PE100/200/400/AUX/AU7

Description	Rating	Cat. No.	Color
Extends dimming zone capacity to full 1920W/VA @ 120VAC for incandescent, magnetic low voltage, halogen or neon/cold cathode lighting	Input Voltage: 120V 50/60Hz* Load Rating: 1920W/VA Dimmer Input: 120V 50/60Hz	PE100-10	W
Extends dimming zone capacity to full 1920W/VA @ 120VAC for Mark 10® Powerline, Hi-lume™, Lutron Tu-Wire® or equivalent dimmable fluorescent ballasts	Input Voltage: 120V 50/60Hz* Load Rating: 1920VA Dimmer Input: 120V 50/60Hz	PE200-10	W
Extends dimming zone capacity to full 3000VA @ 277V for Mark 10® Powerline®, Hi-lume®, Lutron Tu-Wire® or equivalent dimmable fluorescent ballasts	Input Voltage: 277V 50/60Hz* Load Rating: 3000VA Dimmer Input: 120V 50/60Hz	PE200-70	W
Extends dimming zone capacity to full control of a 20A circuit with Mark 7® 0-10V, Lutron 0-10V, OSRAM Sylvania Quicktronic® Helios™ or equivalent ballasts	Input Voltage: 120-277VAC 60Hz* Load Rating: 20A-2400VA @ 120VAC, 5500VA @ 277VAC Power Consumption: 6W 2 120VAC, 18W @ 277VAC Output Ballast Control: 0-10VDC Dimmer Input: 120V 60Hz	PE300-D0	Metallic Silver
Extends dimming zone capacity to full 1000W/VA @ 120VAC for electronic low voltage or incandescent lighting	Input Voltage: 120VAC 50/60Hz* Load Rating: 1000W/VA Dimmer Input: 120V 60Hz	PE400-10	W

\*Load output power is phase independent of control device.  
Mark 10® and Mark 7® are registered trademarks of Advance Transformer Company.  
Hi-Lume® and Lutron Tu-Wire® are registered trademarks of Lutron Electronics Co., Inc.  
Quicktronic® is a registered trademark and Helios™ is a trademark of OSRAM Sylvania.

### MAIN BREAKER OPTIONS

Description	Cat. No.	Indicate Breaker Size in Amps
For 1 Phase, 120/240V Cabinets	A2K1B — __	30, 50, 60, 70, 80, 100, 125, 150, 175, 200, 225
For 3 Phase, 120/208V Cabinets	A2K3B — __	30, 50, 60, 70, 80, 100, 125, 150, 175, 200, 225
For 3 Phase, 120/208V Cabinets	A273B — __	30, 50, 60, 70, 80, 100, 125, 150, 175, 200 (150-200A for 24 circuit cabinets only)

Factory Installation required. Order with your cabinet. Single cabinet configurations only.

### TESTING AND CODE COMPLIANCE

- UL Listed (except PEAUX-AUW), CSA Certified and NOM Certified
- UL Listed (File #E-31373)
- CSA Certified (File #LR-3413)

### COLOR

To order colors, add suffix to Cat. No. as follows:  
 Cat Nos. NE505, NE515 and NE100 come in White with matching wallplate. Include snap-on Ivory Color Change Kit. (Ivory wallplate sold separately). With DCK05-0C Color Change Kits add to suffix as follows: White (W), Ivory (I), Almond (A), Grey (G), and Black (E)

### POWER EXTENDER DIMMER COMPATIBILITY

120V/600W or 600VA Versions\*, Except With PE200-70W\*\*

	Renoir II® Acenti® Mural® Vizia®	Illuma Tech™	Toggle Touch®	Touch Point	True Touch®	Sure Slide™	Trimatron™ Controllers	Arch.
PE100-10W	Incand MLV	Incand	Incand	Incand	Incand	Incand		X
PE200-10W†	Mark 10®	Mark 10		Mark 10				X
PE200-70W**†	Mark 10	Mark 10		Mark 10				X
PE300	Incand MLV	Incand	Incand	Incand	Incand	Incand		X
PE400-10W	Incand MLV	Incand		Incand	Incand	Incand	Incand	X

\*If the dimmer has a neutral wire it must be connected. †For Hi-lume ballasts use incandescent type dimmers.  
 Mark 10® is a registered trademark of Advance Transformer Company.

## Commercial Grade

### a-2000® Modular Dimming Cabinets

The a-2000® is a compact, high-performance dimming cabinet that combines theatrical grade performance with the ability to control a wide variety of architectural load types. Its modular design enables rapid servicing of both dimming modules and control electronics. The a-2000 digital module cabinets are easy to install and work with virtually all types of lighting, including 120 and 277VAC dimming fluorescent lamps. This state-of-the-art cabinet integrates seamlessly with preset or manual controls, building automation, daylight harvesting and time clock systems. The a-2000 is a highly versatile dimming platform supporting a broad array of control requirements. For complete ordering information on Leviton a-2000 Dimming Cabinets consult your Leviton representative.

24-Channel a-2000

Built-in DMX512 input for simple integration of theatrical control

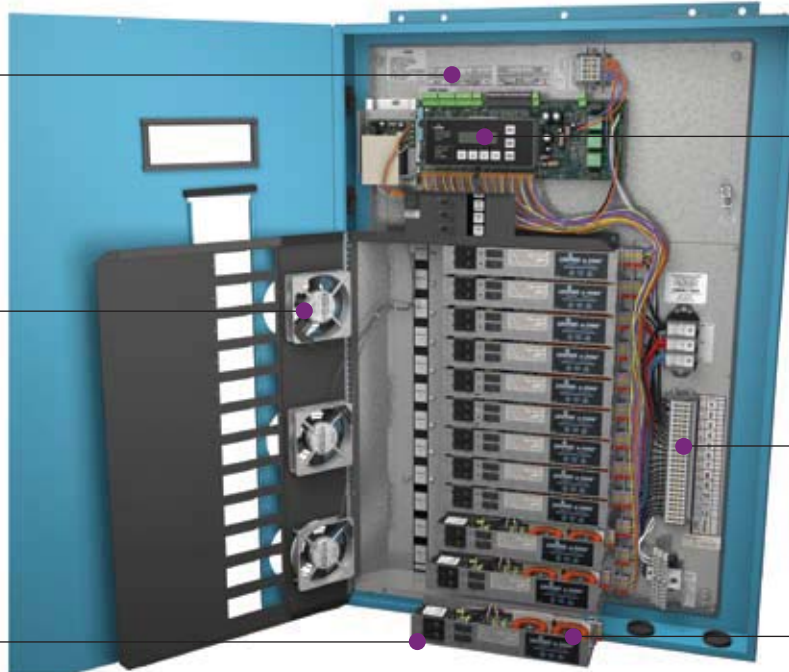
LCD Screen for easy, menu-driven setup

Reliable fan-cooled design

Contractor friendly wireways with generous knuckle room

Front-mounted bypass switches for dimmer override

Slide-in dimmer modules for tool-free service



#### Features and Benefits

- Fully programmable from front panel
- Plug-in dimmer modules for easy maintenance
- Communication inputs: DMX512, Luma-Net III, RS485, full bright, emergency, and +0-10 VDC analog
- Capacity of up to 48 dimmer circuits
- Each dimmer channel rated to 20A continuous (20A modules only)
- All load types supported
- Rugged dual-SCR dimmer circuitry for superior dimming performance and reliability over triac dimmers
- Individual bypass per-dimmer provides work-light function
- Restoration feature restores the last lighting look in the event of power failures
- Super-quiet, redundant ball-bearing fan design for added reliability
- Contractor-friendly design for easy installation with a large wiring space
- Compact 30<sup>3</sup>/<sub>8</sub> inch cabinet width holds up to 24 dimmer CCTS and fits between two stud widths
- Surface or recessed mounting
- Top, bottom or side feed
- UL listed (120V models only)
- All units 50/60 Hz

### a-2000® Dimmer Modules

The a-2000 uses a modular dimmer, allowing for ease of replacement and custom tailoring of module type to each project's specific needs. Leviton's a-2000 dimmer modules employ proven dual SCR dimming technology, inherited from Leviton's line of theatrical equipment.

#### Specifications and Features

- 20A continuous duty rating (120V modules only)
- Voltage regulation: compensates for incoming line voltage variations
- 97% efficiency
- 350  $\mu$ S rise time standard
- Ratings are for continuous use at 100% load Universal Modules:
- Bypass switch has two modes: Normal and Bypass. When the switch is set to Bypass (red LED illuminated), the SCRs and relays are forced to turn on independent of the control module
- 277V Universal modules may be used in 120V cabinets
- 120V Universal modules may be used only in 120V cabinets

#### 240V Modules

- Built-in bypass switches (240V): Bypasses control electronics permitting the cabinet to be used for work lights during construction

#### Standard Modules

- Built-in bypass switches (120V) or shunts (277V): Bypasses control electronics, permitting the cabinet to be used for work lights during construction

#### Applications

Office spaces, Daylight harvesting, Cafeterias, Ballrooms, Auditoriums, Houses of worship, Lecture halls, Conference rooms, Restaurants, Multi-purpose rooms, Office spaces, Spaces requiring a single dimming source for a broad range of loads

### A-2000® DIMMER MODULES LOAD TYPES

Supported Load Type	Universal	240V	Standard
Incandescent	x	x	x
Tungsten	x	x	x
Neon	x	x	x
Cold-Cathode	x	x	x
Magnetic Low Voltage	x	x	x
Electronic Low Voltage*	x	x	x
Fluorescent Dimming Ballasts	x	x	x
0-10V Fluorescent Ballast Example: Advance Mark 7®	x	x	x
2-Wire Fluorescent Ballast Example: Advance Mark 10®	x	-	x
3-Wire Fluorescent Ballast Examples: Lutron Hi-lume® & Eco-10™	x**	-	-

\*Electronic Low Voltage transformers are supported upon the manufacturer's approval for use with forward phase dimmers. When the use of Electronic Low Voltage is required that does not meet this requirement, Leviton's PE400 power extender may be used. Contact your local Leviton LMS representative for more information.

\*\*Supports all standard load types as well as 2 circuits of Hi-lume and other 3-wire fluorescent dimming ballasts. Mark 7® and Mark 10® are registered trademarks of Advance Transformer Co. Eco-10™ is a trademark and Hi-lume® is a registered trademark of Lutron Electronics Co., Inc.



a-2000-24 with Relay Cabinet

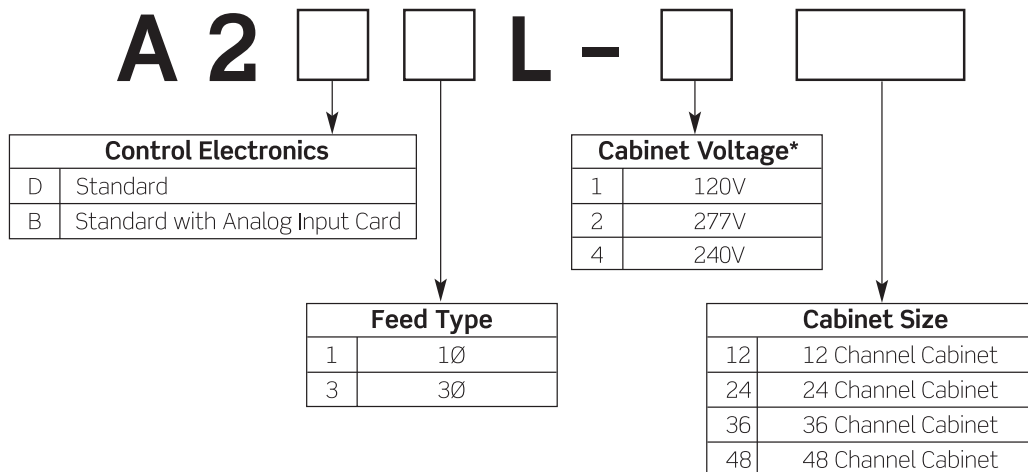
## Commercial Grade

### A-2000®

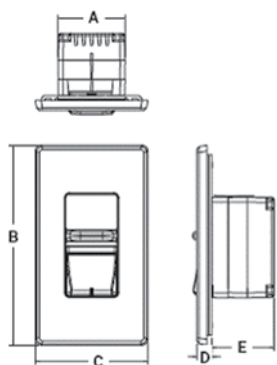
a-2000 240V cabinets are available as standard 3 phase, 12 or 24 circuit cabinet sizes main lug only.

Also available with main breaker options.

Consult with factory for additional information.



## DIMENSIONS



Description	A	B	C	D	E
Narrow Dimmer	1.720" (43.68mm)	5.157" (1.30.99mm)	2.891" (73.4314mm)	0.385" (9.779mm)	1.600" (40.64mm)
Wide Dimmer	1.720" (43.68mm)	5.157" (1.30.99mm)	4.701" (119.4054mm)	0.385" (9.779mm)	1.600" (40.64mm)
Switch	1.720" (43.68mm)	5.157" (1.30.99mm)	2.891" (73.4314mm)	0.385" (9.779mm)	1.600" (40.64mm)
Switch Remote	1.720" (43.68mm)	5.157" (1.30.99mm)	2.891" (73.4314mm)	0.385" (9.779mm)	1.103" (28.1062mm)
Dimmer Remote	1.720" (43.68mm)	5.157" (1.30.99mm)	2.891" (73.4314mm)	0.385" (9.779mm)	1.103" (28.1062mm)

### A-2000® DIMMER MODULES

Description	Rating	Cat. No.
Universal Dual Dimmer Module	120V, 20A	A20UN-012
Universal Dual Dimmer Module	120V/277V, 20A	A20UN-027
Dual Dimmer Module	120V, 20A	A20DD-012
Dual Constant Module	120V, 20A	A20DC-012
High-Rise Dimmer Module	120V, 20A	A20HD-012
Dual Dimmer Module	277V, 20A	A20DD-A27
Dual Constant	277V, 20A	A20DC-A27
Dual Dimmer Module	230V, 20A	A15DD-230
Dual Dimmer Module	230V, 20A	A20DD-230

### Easy Configuration With ASAP Lighting Design Software

Easily configure your lighting controls systems with the Leviton ASAP Lighting Design Software.

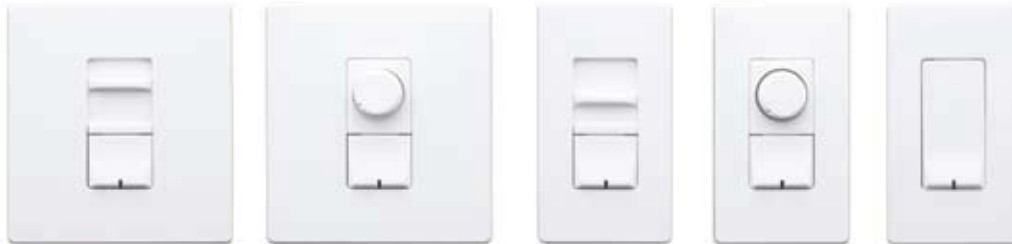
This exclusive point-and-click software allows you to quickly and simply design, specify, and enter orders with a seven-day turnaround time — download the software at [www.leviton.com/asap](http://www.leviton.com/asap).

- Easily configure lighting controls systems featuring Dimensions®, a-2000 Cabinets, Z-MAX™ Plus, EZ-MAX™ Plus, mini-Z™, Wireless Solutions, occupancy sensors and more
- Quickly and simply design, specify and enter orders
- Create a submittal package in minutes
- Supply your customers complete lighting controls in less time
- Enjoy an unheard of seven-day turnaround time
- Web enabled interface for easy access and real-time updates
- Accessible via PC or MAC and platform compatible with Explorer, Firefox and Safari

## Commercial Grade

### Renoir® II Architectural Wall Box Dimmers Preset Slide – Thin Heat Sink, Preset Slide – Standard Heat Sink, and Rotary – Standard Heat Sink

The Leviton Renoir II line of architectural wall box dimmers supports an unparalleled number of applications using a minimum number of SKUs. Renoir II high performance dimmers support all load types and configurations. Performance, aesthetics, multi-location dimming, color selection, and multi-gang capabilities make Renoir II a highly functional, yet elegant solution for architectural dimming control.



## MAIN BREAKER OPTIONS

Description	Cat. No.	Indicate Breaker Size in Amps
For 1 Phase, 120/240V Cabinets	A2K1B — __	30, 50, 60, 70, 80, 100, 125, 150, 175, 200, 225
For 3 Phase, 120/208V Cabinets	A2K3B — __	30, 50, 60, 70, 80, 100, 125, 150, 175, 200, 225
For 3 Phase, 120/208V Cabinets	A273B — __	30, 50, 60, 70, 80, 100, 125, 150, 175, 200 (150-200A for 24 circuit cabinets only)

Factory installation required. Order with your cabinet. Single cabinet configurations only.

### Specifications and Features

- Universal voltage – 120-277V (excludes non-neutral models)
- Multi-location dimming – up to 5-way dimming
  - Remote dimmers and switches
  - Connect up to 5 devices, max 250' on 1 traveler wire
    - Remotes control all connected master dimmers
    - Masters always operate independently
- Locator indicator – illuminates when dimmer is off for easy location in a dark room
- Non-neutral models – for retrofit applications
- Configurable cut-off level – allows user configuration of cut-off point and automatically recalibrates to allow maximum control from cutoff point to full output
- Smooth-action, linear captive slide control – easy, precise adjustment of lighting levels
- Easy-touch preset switch turns lights ON at last selected brightness level
- Clean and stylish appearance
  - Fits standard commercial 2½" deep wall boxes (field configurable multi-gang boxes not supported)
  - Decora styling coordinates with Leviton's extensive line of Decora devices
  - Fins are easily removed for multi-gang applications
  - No visible metal heat sinks, fins, or mounting hardware
- Solid state triac dimming – saves energy when dimming, extends lamp life, and reduces maintenance costs
- Flicker free, smooth, and continuous dimming – reduces light fluctuations from line-voltage variation and maintains the power delivered to the lamp
- Power-failure memory – light is restored to the same levels set prior to the power failure or power interruption
- Surge protection – tested to withstand surges of 6000V, 20A (ANSI/IEEE Std. C62.41-1980)
- Electrostatic discharge protection – protects dimmer against static discharge up to 16,000V
- Advanced technology engineered heat sinks – transfers heat away from essential electrical components for extended product life
- Square law dimming – slider position indicates the perceived light level
- RFI filtering – reduces interference with radio, audio, and video equipment
- Accessible air-gap feature – completely disconnects power from the load when lights are off for safety when changing lamps

### Models/Supported Load Types

#### Incandescent

- 120V, 60Hz non-neutral  
1-Wire (Dimmed Hot)
- 120-277VAC, 60Hz (with neutral)  
2-Wire (Dimmed Hot + Neutral)
- Forward Phase Dimmer
- Square Law Dimming
- Symmetrical AC waveform for all load types
- Incandescent
- Tungsten
- Magnetic Low Voltage
- Forward Phase Control Electronic Low Voltage Transformers
- Forward Phase Control LED Drivers
- Forward Phase Control Neon/Cold Cathode Ballasts
- Minimum load, 15W

#### Electronic Low Voltage - 2-Wire Dimmed (Hot & Neutral)

- 120-277VAC, 60Hz
- Reverse Phase Dimmer
- Square Law Dimming
- 2-Wire (Dimmed Hot + Neutral)
- Forward or Reverse Phase Control Electronic Low Voltage Transformers
- Forward or Reverse Phase Control LED Drivers
- Forward or Reverse Phase Control Neon/Cold Cathode Ballasts
- Incandescent/Tungsten
- No minimum load

#### Ballast - 0-10V

- 120-277VAC, 60Hz
- Linear Dimming
- Any ballast requiring 0-10V "sinking" control
- ex: Leviton Sector™, Advance Mark 7®\*, Universal SuperDim®\*, Lutron TVE™\*, Sylvania Quicktronic® Powersense™\*
- No minimum load

#### Ballast - 2-Wire Control (Dimmed Hot + Neutral)

- 120-277VAC, 60Hz
- Linear Dimming
- Forward Phase Control
- ex: Advance Mark 10®\*, Sylvania Quicktronic® Powersense™, Lutron Tu-Wire®\*
- No minimum load

#### Ballast - 3-Wire Control (Switched Hot + Dimmed Hot + Neutral)

- 120-277VAC, 60Hz
- Linear Dimming
- ex: Lutron Hi-lume®\*, Lutron Eco-10®\*
- No minimum load

#### Switch

- 120-277VAC, 60Hz
- Resistive Loads
- Inductive Loads
- Motor Loads
- Transformer Loads
- No minimum load

#### Fan Speed

- 120-277VAC, 60Hz
- Any quantity of ceiling paddle fans up to maximum current rating
- Any fan up to 5A, paddle fan up to 8.3A
- Patent-pending Super Silent Technology (SST) allows "quiet" performance with fully variable control
- No minimum load

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### COLORS

Note: Not all models come in all colors. Color Change Kits available for specific devices. See listings for details.



White  
(-W)



Ivory  
(-I)



Light Almond  
(-T)



Grey  
(-G)



Black  
(-E)

## Commercial Grade

## Ordering Information

### DIMMERS

Description	Cat. No.*
Dimmers, Preset Slide - Thin Heat Sink	AWSMT-xxx
Dimmers, Preset Slide - Standard Heat Sink	AWSMG-xxx
Dimmers, Rotary - Standard Heat Sink	AMRMG-xxx

Replace -xxx with digits from table below depending on load type.

Incandescent Non-Neutral (120V Only)		Ballast: 0-10V	Ballast: 2-Wire Control	Ballast: 3-Wire Control	Electronic Low Voltage	Current*	VA @ 120VAC*	VA @ 230VAC*	VA @ 277VAC
- IAW Narrow**	- MAW Narrow	—	- XAW Narrow	- HAW Narrow	- EAW Wide	5A	600	1,150	1,385
- IBW Narrow	- MBW Narrow	—	- XBW Narrow	- HBW Narrow	- EBW Wide	8-1/3A	1,000	1,917	2,308
- ICW Wide	- MCW Wide	—	- XCW Wide	- HCW Narrow	—	12.5A	1,500	2,875	3,463
- IDW Wide	- MDW Wide	- 7DW Narrow	- XDW Wide	- HDW Narrow	—	16A	2,000	3,680	4,432

\*Ganged dimmers may require de-rating. Please reference [www.leviton.com/RenoirII](http://www.leviton.com/RenoirII) for additional information.

\*\*Narrow/Wide indicator indicates width of the heat sink. Reference dimensions section for sizes.

### Fan Speed Controls

- Rated for control of any motor up to 5A
- Rated for control of any number of ceiling style paddle fans up to ratings below

### FAN SPEED CONTROLS

Description	Cat. No.*
Fan Speed Controls, Preset Slide - Thin Heat Sink	AWSMT-xxx
Fan Speed Controls, Preset Slide - Standard Heat Sink	AWSMG-xxx
Fan Speed Controls, Rotary - Standard Heat Sink	AMRMG-xxx

Replace -xxx with digits from table below depending on load type.

Description	Current	VA @ 120VAC*	VA @ 230VAC*	VA @ 277VAC
- QAW Narrow	5A	600	1,150	1,385
- QBW Narrow	8-1/3A	1,000	1,917	2,308

\*Ganged dimmers may require de-rating. Please reference [www.leviton.com/RenoirII](http://www.leviton.com/RenoirII) for additional information.

\*\*Narrow/Wide indicator indicates width of the heat sink. Reference dimensions section for sizes.

### SWITCHES

Description		Cat. No.		
Switches, Preset Slide - Thin Heat Sink		AWWMT-0DW		
Switches, Preset Slide - Standard Heat Sink		AWWVG-0DW		
Switches, Rotary - Standard Heat Sink		AWWVG-0DW		
Description	Current*	VA @ 120VAC*	VA @ 230VAC*	VA @ 277VAC*
VA	15A	1,800	3,450	4,150
Horsepower	15A	1.5HP	1.5HP	1.5HP

\*All switches use Narrow heat sink.

### REMOTES

Description	Cat. No.
Remotes, Slide Control - Thin Heat Sink	AWSRT-00W
Remotes, Switch Control - Thin Heat Sink	AWWRT-00W
Remotes, Slide Control - Standard Heat Sink	AWSRG-00W
Remotes, Switch Control - Standard Heat Sink	AWWRG-00W
Remotes, Slide Control for Rotary - Standard Heat Sink	AWRRT-00W
Remotes, Switch Control for Rotary - Standard Heat Sink	AWWRG-00W

### COLOR CHANGE KITS

Description	Cat. No.*
Color Change Kits, Preset Slide - Thin Heat Sink	AWyCT-00x
Color Change Kits, Preset Slide - Standard Heat Sink	AWyCG-00x
Color Change Kits, Rotary - Standard Heat Sink	AWyCG-00x

Replace y and x with digits from options below depending on control type and color.

- Y = Control Type, replace y with any of the following:
  - S = Slide Control
  - W = Switch
- -00x = Color, replace x with any of the following:
  - W = White
  - I = Ivory
  - T = Light Almond
  - G = Grey
  - E = Black
  - C = Custom/Field Painted

## Commercial Grade

### Wallplates

Each device is supplied with a white single gang plate. For purchase of replacement plates or plates in an alternate color, please consult the chart below. For custom plates, please note required 4-6 week lead time.

#### WALLPLATES

Description	Cat. No.*
Wall Plates for Renoir II Architectural Wall Box Dimmers	AWP0y-nwc

Replace **y** and **N, W, C** with digits from options below depending on fins, number of Narrow or Wide dimmers, and color.

- Y = Indicates whether fins are to be left on or removed. Replace with the following:  
F = All fins remain on, 0=Fins to be removed when possible (allows for narrowest possible installation)
- N = Number of Narrow dimmers, 0-6 supported\*
- W = Number of Wide dimmers, 0-4 supported\*
- C = Color, replace with any of the following:  
W = White  
I = Ivory  
T = Light Almond  
G = Grey  
E = Black  
C = Custom/Field Painted  
L = Brushed Stainless Steel  
K = 24K Gold  
B = Satin Brass  
R = Antique Bronze

\*Ganged dimmers may require de-rating. Some configurations require custom wall plates which are built to order and not available in metal finishes. Please reference [www.leviton.com/RenoirII](http://www.leviton.com/RenoirII) or consult with customer service for additional information.

#### TESTING AND CODE COMPLIANCE

- cUL or cETL listed to UL/CSA Standards (File # E31373 for Dimmers, File # E1.23566 for Fans)
- NOM
- ANSI/IEEE C62.41.2 - voltage surges to 6000V & surges to 200A
- ESD Protection to IEC61000 4-2 Level 4 protects against damage due to static discharge of 16KV or higher
- FCC Part 15, Class B for radiated and conducted emissions

#### ENVIRONMENTAL

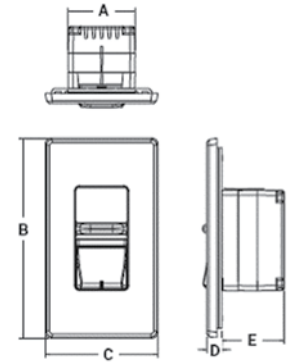
- Operating 0° C to 40°C
- Non-operating -10° C to 85°C
- Relative humidity, non-condensing 0% to 90%

#### CAUTION ON RETROFITS:

When retrofitting dimming ballasts into fixtures that originally had Instant Start ballasts, the sockets MUST be replaced with Rapid Start sockets in order to allow proper dimmer operation and prevent damage to the dimming ballast. Refer to the instructions provided with the ballast. Leviton sockets for T8 lamps which fit many common applications can be purchased with P/N #13661.

### DIMENSIONS

Description	A	B	C	D	E
Narrow Dimmer	1.720" (43.68mm)	5.157" (1.30.99mm)	2.891" (73.4314mm)	0.385" (9.779mm)	1.600" (40.64mm)
Wide Dimmer	1.720" (43.68mm)	5.157" (1.30.99mm)	4.701" (119.4054mm)	0.385" (9.779mm)	1.600" (40.64mm)
Switch	1.720" (43.68mm)	5.157" (1.30.99mm)	2.891" (73.4314mm)	0.385" (9.779mm)	1.600" (40.64mm)
Switch Remote	1.720" (43.68mm)	5.157" (1.30.99mm)	2.891" (73.4314mm)	0.385" (9.779mm)	1.103" (28.1062mm)
Dimmer Remote	1.720" (43.68mm)	5.157" (1.30.99mm)	2.891" (73.4314mm)	0.385" (9.779mm)	1.103" (28.1062mm)



## Commercial Grade

### Ganging & Derating

Multi-gang wallplates are available for every permissible combination of small fin and large fin dimmers. The Wallbox Requirements tables on the following pages can be used to determine how many boxes are required for the application.

- When small and large fin devices are combined, all the large fin devices must be placed to one side and all the small fin devices must be placed to the other side
- In an installation where all the fins are broken off, do not remove the fins from the dimmers at each of the extreme ends of the installation

### Multi-Gang Installation

- Install dimmers whenever possible without breaking off fins so that derating is not necessary—even when ganging. If an installation requires fins to be broken off for space requirements, derating is required
- When ganging combinations of narrow and wide dimmers or when ordering a custom wallplate, keep in mind that narrow dimmers must be grouped together at one end of the gang and all wide dimmers at the other end of the gang
- Use adapter plates (Cat. No. MNOLA or MNOSA) to enable use of ANY Decora® device in a Monet multi-gang installation

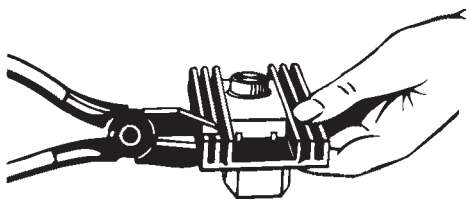
CAUTION: Do not gang dimmers vertically, one directly above another.

### No Fins Broken Off

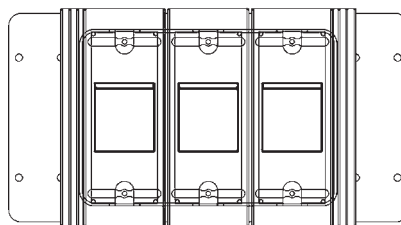
A multi-gang masonry box or a multi-gang switch box with a raised cover is recommended for easy installation, although standard outlet boxes will work. No derating is necessary. See the Wallbox Requirements tables that follow for the size and number of outlet boxes required for multi-gang installations.

### Fins Broken Off

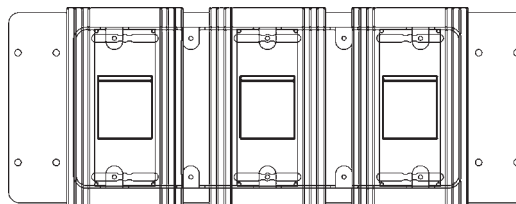
The fins on the dimmers have special break-off points that allow removal of partial fin sections for ganging. Use pliers to carefully bend fin sides back and forth until they break off. These sections should only be removed at the break-off point to permit proper ventilation. DO NOT remove side sections on extreme ends of the gang. See the tables that follow for the size and number of outlet boxes required for multi-gang installations when all inside fins are removed.



Fin Removal Procedure



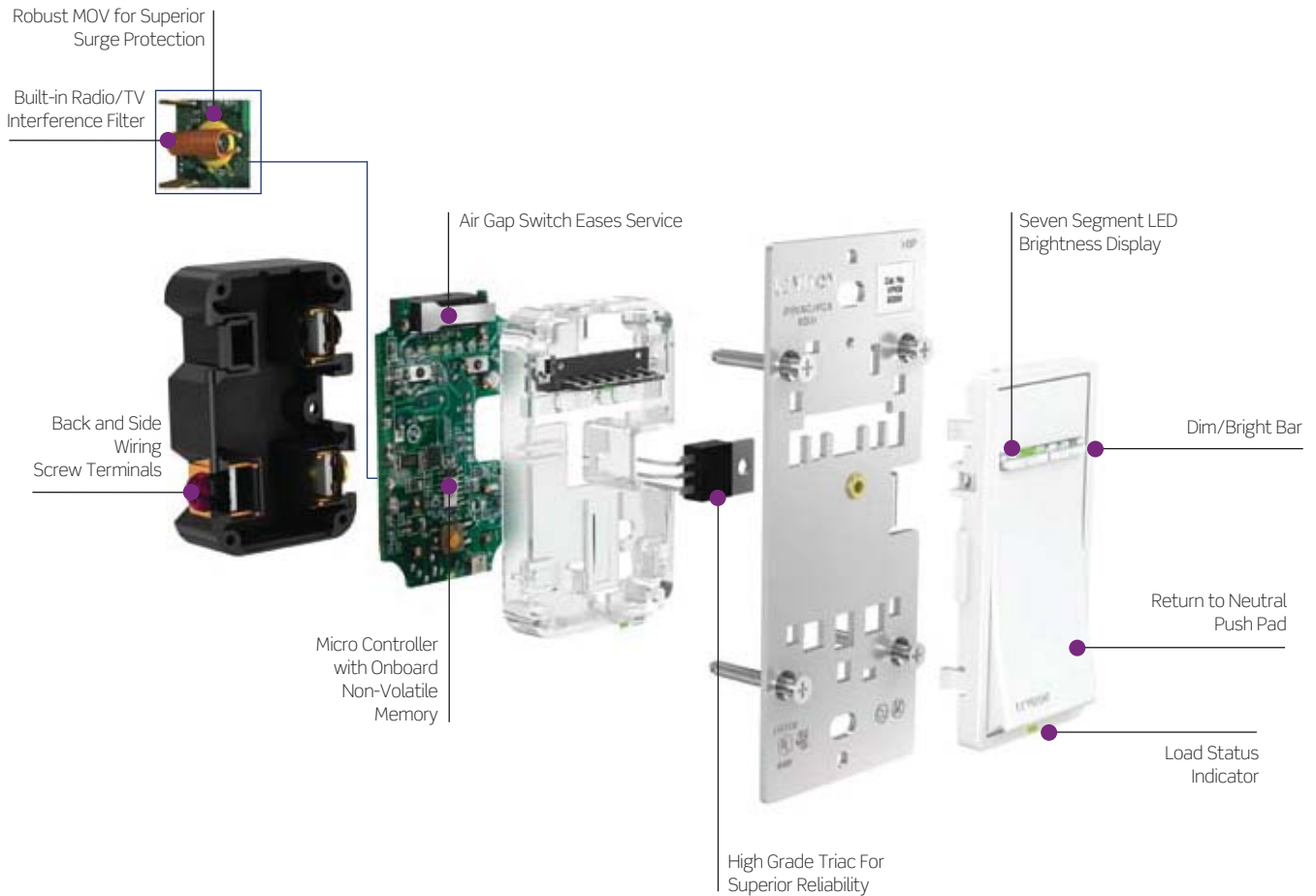
Example of 3-gang outlet box with 3 narrow dimmers and no wide dimmers (note mounting holes)



Example of 5-gang outlet box with 3 narrow dimmers and no wide dimmers (note mounting holes)

**Decora® Digital Dimmers and Fan Speed Controls**

Decora styling is the hallmark of these fine product lines. Decora Digital – consisting of Vizia +®, Mural® and True Touch™ – blends sophisticated design and advanced technology. Digitally engineered, these are sleek and contemporary devices, with intuitive operation.



**COLORS**

Note: Not all models come in all colors. Color Change Kits available for specific devices. See listings for details.



**Features and Benefits**

- Universal design for all ages and abilities
- Digital circuitry provides soft ON/fade OFF that extends lamp life
- Meets all applicable UL, CSA, NOM and FCC requirements
- Limited Five-Year Warranty

Mural® and Vizia +® are registered trademarks and True Touch™ is a trademark of Leviton Manufacturing Co., Inc.

## Commercial Grade Dimmers and Controls

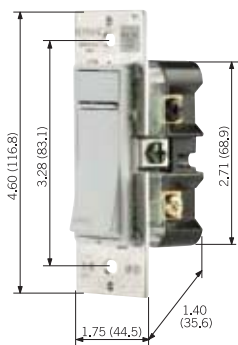
### Vizia +® Decora® Digital

#### Specifications and Features

- Universal design provides crisp actuation and minimal travel
- Push pad always returns to neutral position regardless of load status
- Shallow depth available on select models for easier installation
- For maximum flexibility, advanced programming is available for energy save mode, minimum brightness level, preset ON and OFF, fade rates, almost OFF and LED options
- Digital circuitry provides single pole, 3-way or multi-location dimming or switching when used with Vizia + remotes
- Terminal screws (back and side wire) available on select models for easier installation
- Green LED indicates load status and serves as locator light
- Air-gap switch completely disconnects power to unit for bulb changing or removal from service
- Digital circuitry provides soft ON/fade OFF switching that extends lamp life
- Streamlined, popular Decora styling complements interiors and is compatible with other Decora devices
- Complements Vizia RF + Home Controls
- Protected memory and voltage compensation maintain light levels after power outages and during minor power fluctuations
- Color change kits are available to allow fast color changeover and simplify stocking inventory
- Compatible with Decora Plus™ screwless wallplates and Decora wallplates
- Coordinates with Decora Plus switches
- Limited Five-Year Warranty

### VIZIA + DECORA DIGITAL CONTROLS FOR SINGLE POLE, 3-WAY OR MORE APPLICATIONS

#### Dimmers



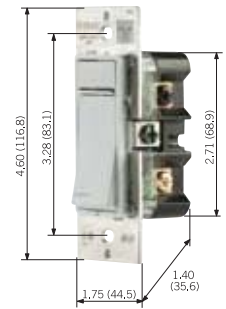
VP106

Description	Rating	Cat. No.	Color
Incandescent Dimmer with LED locator and brightness display	600W-120VAC	VPI06-1L	X, Z, W
Magnetic Low Voltage Dimmer with LED locator and brightness display	600VA (450W)-120VAC	VPM06-1L	X, Z
Incandescent/Magnetic Low Voltage Dimmer with LED locator and brightness display	Incandescent: 1000W-120 VAC Magnetic Low Voltage: 1000VA (800W)-120VAC	VPM10-1L	X, Z
Electronic Low Voltage Dimmer with LED locator and brightness display; neutral required	400W-120VAC	VPE04-1	X,Z
Electronic Low Voltage Dimmer with LED locator and brightness display; neutral required	600W-120VAC	VPE06-1L	X, Z
Fluorescent Dimmer for Mark 10® Powerline or Tu-Wire® Ballasts with LED locator and brightness display; neutral required	1000VA-120VAC	VPX10-1L	X, Z
Fluorescent Dimmer for Mark 10® Powerline Ballasts with LED locator and brightness display; neutral required	1200VA-277VAC	VPX12-7L	X, Z

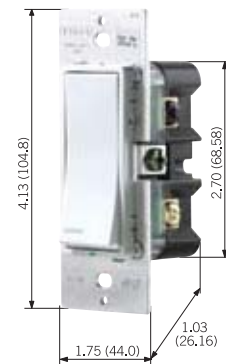
Mark 10® Powerline is a registered trademarks of Advance Transformer Co.  
Tu-Wire® is a registered trademark of Lutron Electronics Co., Inc.

## Commercial Grade

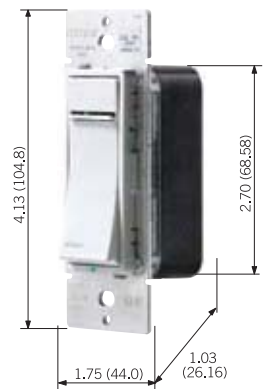
Description	Rating	Cat. No.	Color
Fluorescent Dimmer for Hi-lume® or Eco-10® (Eco-Series) Ballasts with LED locator and brightness display; neutral required	8A-120VAC	VPH08-1L	X, Z
Fluorescent Dimmer for Hi-lume or Eco-10 (Eco-Series) Ballasts with LED locator and brightness display; neutral required	6A-277VAC	VPH06-7L	X, Z
Coordinating Remote Unit to 120VAC Dimmers/Fan Speed Control for 3-way or up to 10 locations, no LED; neutral required±	No Load Rating - 120VAC	VP00R-10	X, Z
Matching Remote Unit to 120VAC Dimmers/Fan Speed Control for 3-way or up to 5 locations, with LED locator and brightness/fan speed display; neutral required	No Load Rating - 120VAC	VP00R-1L	X, Z, W
Matching Remote Dimmer to 277VAC Dimmers for 3-way or up to 5 locations, with LED locator and brightness display; neutral required	No Load Rating - 277VAC	VP00R-7L	X, Z



VP00R-1L



VPS15



VPF01

### Fan Speed Control

Description	Rating	Cat. No.	Color
Quiet Fan Speed Control with LED locator and fan speed display; neutral required	1.5A-120VAC	VPF01-1L	X, Z

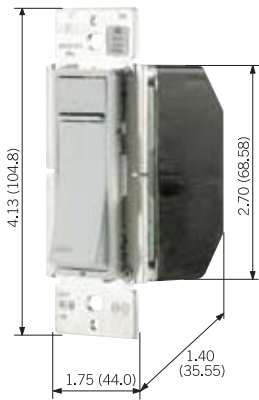
### Switches

Description	Rating	Cat. No.	Color
Electronic Switch with LED locator; neutral required	15A-120VAC	VPS15-1L	X, Z
Matching Remote Switch to 120VAC Dimmers/Fan Speed Control and VPS15-1L Switch for 3-way or up to 5 locations with LED locator; neutral required	No Load Rating - 120VAC	VP0SR-1L	X, Z
Coordinating Remote Switch to 120VAC Dimmers/Fan Speed Control and VPS15-1L Switch for 3-way or up to 10 locations, no LED; neutral required±	No Load Rating - 120VAC	VP0SR-10	X, Z

±Except when used with incandescent or magnetic low voltage devices.  
Eco-10® and Hi-Lume® are registered trademarks of Lutron Electronics, Inc.

## Commercial Grade

### COLOR CHANGE KITS FOR VIZIA + CONTROLS



VPM10

Description	Cat. No.	Color
Matching Dimmer Color Change Kit with LED locator and brightness display	VPKIT-MD	W, I, A, T, G, E, B, R
Coordinating Dimmer Color Change Kit, no LEDs	VPKIT-CD	W, I, A, T, G, E, B, R
Matching Switch Color Change Kit with LED locator	VPKIT-MS	W, I, A, T, G, E, B, R
Coordinating Switch Color Change Kit, no LED	VPKIT-CS	W, I, A, T, G, E, B, R

#### TESTING AND CODE COMPLIANCE

- UL Listed (File #E31373)
- CSA Certified (File #LR-3413)

#### MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating  
Operating Temperature: 32°F to 130°F

#### COLOR

Some products come packaged with three colors. Products with suffix (-X) include White, Ivory and Almond; products with suffix (-Z) include White, Ivory and Light Almond. Color Change kits available in the following colors: White (-W), Ivory (-I), Almond (-A), Light Almond (-T), Gray (-G), Black (-E), Brown (-B), and Red (-R)

#### CAUTION ON RETROFITS

When retrofitting Mark 10® *Powerline* dimming ballasts into fixtures that originally had Instant Start ballasts, the sockets MUST be replaced with Rapid Start sockets to allow proper dimmer operation and to prevent damage to the dimming ballast. Refer to the instructions provided with the ballast and the Leviton dimmer.

**NOTE: Sharing a neutral wire may cause flickering. Connect all dimmers to the same phase or run a separate neutral to each phase. Consult Leviton Techline if problems persist.**



#### Related Products

Use Leviton Power Extenders to extend the load capacity of box mounted dimmers. Leviton Power Extenders are available for incandescent, magnetic low voltage, electronic low voltage, Mark 10® *Powerline* fluorescent dimming ballasts or equivalents and 0-10 VDC dimmable fluorescent ballasts such as Mark 7® 0-10V, OSRAM Sylvania Quicktronic® Helios™ or equivalent ballasts.

**See page 227 for more information.**

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Tu-Wire®, Eco-10® and Hi-lume® are registered trademarks of Lutron Electronics, Inc.  
Quicktronic® is a registered trademark and Helios™ is a trademark of OSRAM Sylvania.

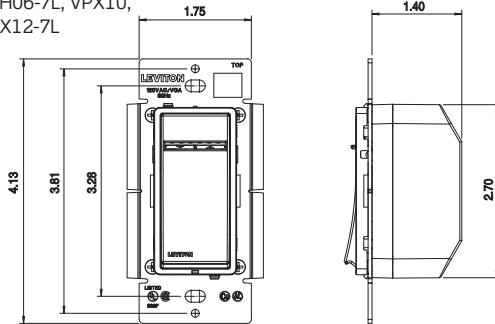
### Maximum Load for Multi-Gang Applications

In multi-gang applications derating is required in accordance with the following charts. Many controls have side sections and fin removal is required (consult instruction sheets for further details).

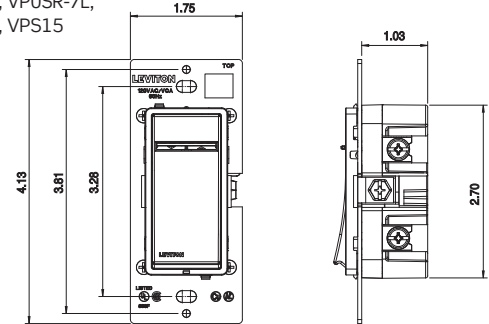
Cat. No.	Single	2-Gang	3-Gang
VPI06	600W	500W	400W
VPM06	600VA (450W)	500VA (375W)	400VA (300W)
VPM10 Incandescent	1000W	800W	650W
Magnetic Low Voltage	1000VA (800W)	800VA (640W)	650VA (520W)
VPE04	400W	350W	250W
VPE06	600W	500W	400W
VPX10	1000VA (8.3A)	800VA (6.6A)	650VA (5.4A)
VPX12	1200VA (4.3A)	1200VA (4.3A)	1200VA (4.3A)
VPH08	8A	8A	8A
VPH06	6A	6A	6A
VPF01	1.5A	1.5A	1.5A

### DIMENSIONS

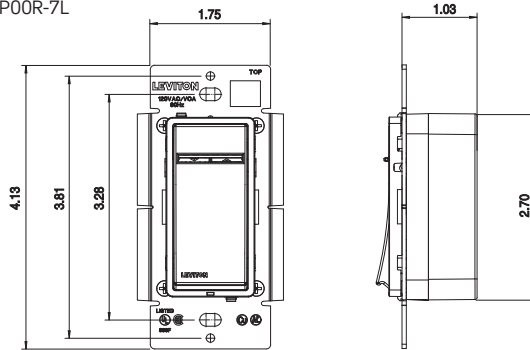
Dimmer with LEDs Shown:  
VPE04, VPE06, VPH08,  
VPH06-7L, VPX10,  
VPX12-7L



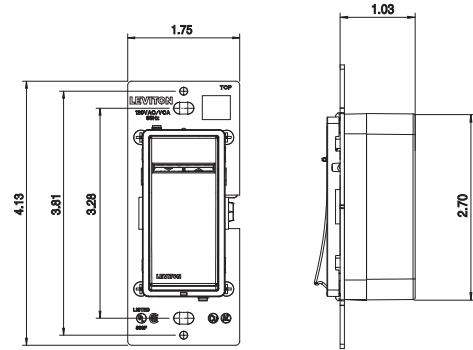
Dimmer with LEDs Shown:  
VPI06, VPM06, VP00R-1L,  
VP00R-10, VP0SR-7L,  
VP0SR-10, VPS15



Dimmer with LEDs Shown:  
VPM10, VP00R-7L



VPF01



## Commercial Grade

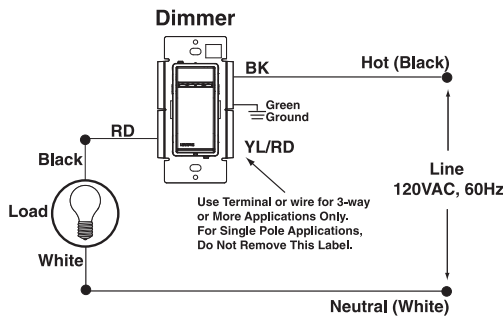
### WIRING DIAGRAMS

#### Single pole wiring for incandescent or magnetic low voltage dimmer

**Dimmers**  
VPI06  
VPM06  
VPM10

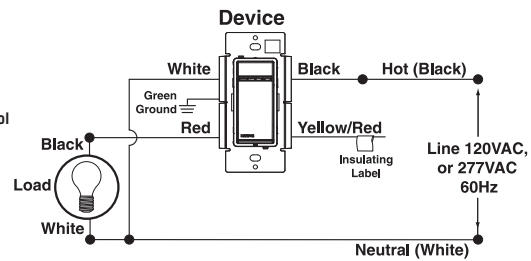
**NOTES:**

- 1) VPI06 and VPM06 have screw terminals, VPM10 has leads
- 2) Red and Black leads (or terminals) are interchangeable



#### Single pole wiring for electronic low voltage dimmers, Mark 10® Powerline dimmers, fan speed control or switch

**Dimmers**  
VPE04  
VPE06  
VPX10  
VPX12-7L  
Fan Speed Control  
VPF01  
Switch  
VPS15

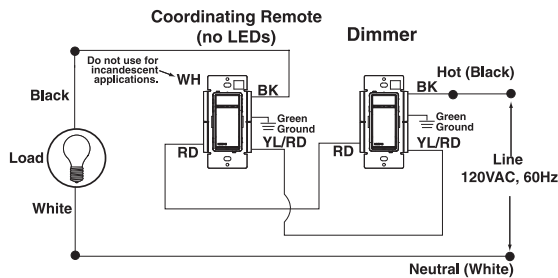


**NOTES:**

- 1) VPS15 has screw terminals, VPE04, VPE06, VPX10, VPF01 and VPX12-7L have leads

#### 3-way wiring for incandescent or magnetic low voltage dimmers with coordinating remote

**Dimmers**  
VPI06  
VPM06  
VPM10  
**Coordinating Dimmer Remote**  
VPOOR-10  
**Coordinating Switch Remote**  
VPOSR-10

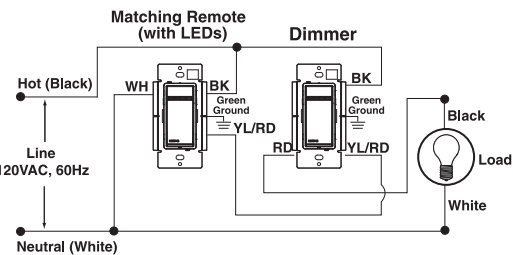


**NOTES:**

- 1) VPI06, VPM06 and VPOOR-10 have screw terminals, VPM10 has leads
- 2) Black connections are interchangeable
- 4) Silver terminal on coordinating remote is unused

#### 3-way wiring for incandescent or magnetic low voltage dimmer with matching remote

**Dimmers**  
VPI06  
VPM06  
VPM10  
**Matching Dimmer Remote**  
VPOOR-1L  
**Matching Switch Remote**  
VPOSR-1L



**NOTES:**

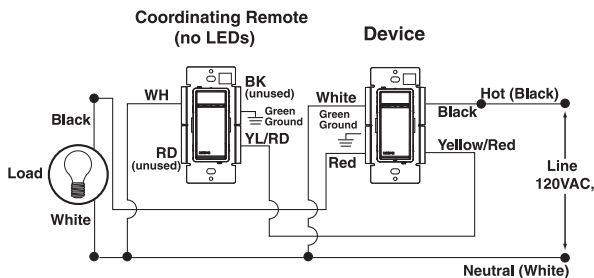
- 1) VPI06, VPM06, VPOOR-1L and VPOSR-1L have screw terminals, VPM10 has leads

#### 3-way wiring for electronic low voltage dimmer, Mark 10® Powerline dimmer, fan speed control or switch with coordinating remote

**Dimmers**  
VPE04, VPE06, VPX10  
Fan Speed Control  
VPF01  
Switch  
VPS15

**Coordinating Dimmer Remote**  
VPOOR-10

**Coordinating Remote Switch**  
VPOSR-10

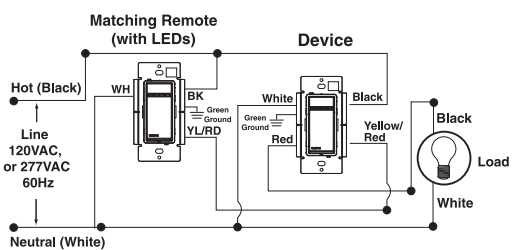


**NOTES:**

- 1) VPS15, VPOSR-10 and VPOOR-10 have screw terminals, VPE04, VPE06, VPX10 and VPF01 have leads
- 2) Black and Red terminals on coordinating remotes are unused

#### 3-way wiring for electronic low voltage dimmer, Mark 10® Powerline dimmer, fan speed control or switch with matching remote

**Dimmers**  
VPE04  
VPE06  
VPX10  
VPX12-7L  
Fan Speed Control  
VPF01  
Switch  
VPS15  
**Matching Dimmer Remotes**  
VPOOR-1L  
VPOOR-7L  
**Matching Switch Remote**  
VPOSR-1L



**NOTE:** VPS15, VPOSR-1L and VPOOR-1L have screw terminals, VPE04, VPE06, VPX10, VPF01, VPX12-7L and VPOOR-7L have leads

### Mural® Decora® Digital

#### Specifications and Features

##### Digital Controls

- Provides single pole, 3-way or multi-location full range dimming when used with MS00R or MSE0R remotes
- Streamlined, popular Decora styling complements interiors and is compatible with other Decora devices
- Decora rocker action provides crisp actuation and minimal travel
- Digital circuitry provides soft ON/fade OFF switching that extends lamp life
- Compatible with Decora Plus™ screwless wallplates and Decora wallplates
- Coordinates with Decora Home Controls
- Green LED locator illuminates when lights are OFF
- Color change kits are available to allow fast color changeover and simplify stocking inventory
- Protected memory and voltage compensation maintain light levels after power outages and during minor power fluctuations
- Built-in radio/TV interference filter
- Air-gap switch completely disconnects power to unit for bulb changing or removal from service
- Limited Five-Year Warranty

##### Scene Enhancement Products

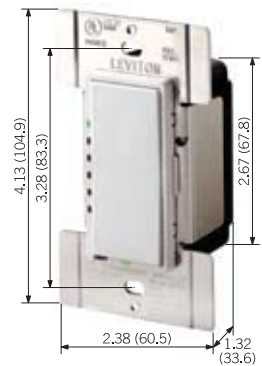
- 2-way repeater provides scene control communication link between branch circuits. 1-way repeater allows the creation of separate scene control zones
- Limited Five-Year Warranty

Mural Lighting and Fan Speed Controls are polarity sensitive devices. Always follow the wiring instructions included with each device.

## MURAL DECORA DIGITAL CONTROLS FOR SINGLE POLE, 3-WAY OR MORE APPLICATIONS

### Dimmers

Description	Rating	Cat. No.	Color
Incandescent Dimmer with LED locator and brightness display	600W-120VAC	MDI06-1L	W, I, A
Incandescent Dimmer with LED locator and brightness display	1000W-120VAC	MDI10-1L	W, I, A
Magnetic Low Voltage Dimmer with LED locator and brightness display	600VA (450W)-120VAC	MDM06-1L	W, I, A
Magnetic Low Voltage Dimmer with LED locator and brightness display	1000VA (800W)-120VAC	MDM10-1L	W, I, A
Electronic Low Voltage Dimmer with LED locator and brightness display, neutral required	350VA (280W)-120VAC	MDE03-1L	W
Coordinating Remote Unit to Dimmers/Fan Speed Controls for 3-way or up to 10 locations, no LED	No load rating - 120VAC	MS00R-10	W, I, A
Coordinating Remote Unit to Electronic Low Voltage Dimmer for 3-way or up to 10 locations, no LED, neutral required	No load rating - 120VAC	MSE0R-10	W



MDI06-1LW

### Fan Speed Control

Description	Rating	Cat. No.	Color
Quiet Fan Speed Control with LED locator and brightness display; neutral required	1.5A-120VAC	MDF01-1L	W

## Commercial Grade

### COLOR CHANGE KITS FOR MURAL® DIMMERS

Description	Cat. No.	Color
Dimmer and Fan Speed Control Color Change Kit with LED locator and brightness display	DRKDD-1L	W, I, A, G, E, B
Remote Color Change Kit, no LED locator or display	DRKOR-00	W, I, A, G, E, B

#### TESTING AND CODE COMPLIANCE

- UL Listed (File #E31373)
- CSA Certified (File #LR-3413)

#### MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating  
Operating Temperature: 32°F to 130°F

#### COLOR

To order colors, add suffix to basic Cat. No. White (-W), Ivory (-I), Almond (-A), Gray (-G), Black (-E) and Brown (-B)

## Maximum Load for Multi-Gang Applications

In multi-gang applications derating is required in accordance with the following charts. Many controls have side sections and fin removal is required (consult instruction sheets for further details).

Cat. No.	Single	2-Gang	3-Gang or more
MDE03-1L	350VA (280W)	250VA (200W)	200VA (160W)
MDF01-1L	1.5A	1.5A	1.5A
MDI06-1L	600W	500W	400W
MDI10-1L	1000W	800W	700W
MDM06-1L	600VA (450W)	500VA (375W)	400VA (300W)
MDM10-1L	1000VA (800W)	800VA (650W)	700VA (560W)

#### TESTING AND CODE COMPLIANCE

- UL Listed (File #E31373)
- CSA Certified (File #LR-3413)

#### MATERIAL CHARACTERISTICS

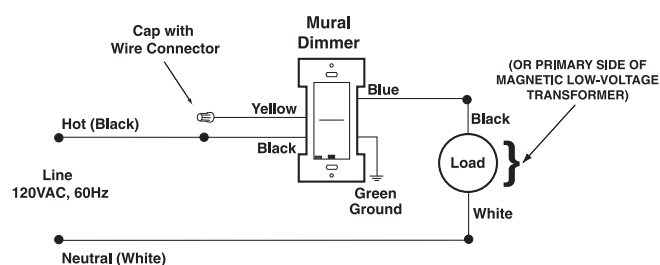
Environmental: Flammability UL-94, V2 Rating  
Operating Temperature: 32°F to 130°F

#### COLOR

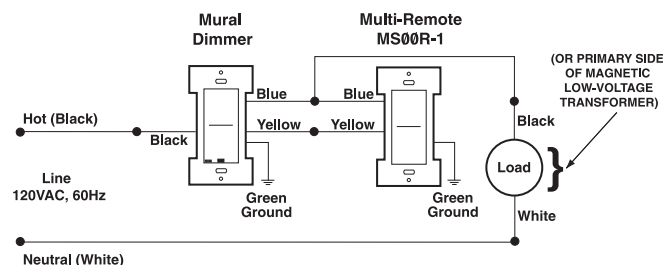
To order colors, add suffix to basic Cat. No. White (-W), Ivory (-I), Almond (-A), Grey (-G), Black (-E)

## WIRING DIAGRAMS

### Mural Single-Location Control Application



### Mural 2-Location Control Application



### True Touch™ Decora® Digital

#### Specifications and Features

- Simple one touch for ON at preset level, or OFF. Touch and hold for BRIGHT/DIM lighting control
- Provides single pole, 3-way or multi-location control when used with TT00R remotes
- Streamlined, popular Decora styling complements interiors and is compatible with other Decora devices
- Digital circuitry provides soft ON/fade OFF switching that extends lamp life
- Compatible with Decora Plus™ screwless wallplates and Decora wallplates
- Green LED indicates load status and serves as locator light
- Color change kits are available to allow fast color changeover and simplify stocking inventory
- Protected memory maintains light levels after short term power outages and during minor power fluctuations
- Built-in radio/TV interference filter
- Air-gap switch completely disconnects power to unit for bulb changing or removal from service
- Limited Five-Year Warranty

#### TRUE TOUCH DECORA DIGITAL DIMMERS FOR SINGLE POLE, 3-WAY OR MORE APPLICATIONS

Description	Rating	Cat. No.	Color
Incandescent Dimmer with LED locator	600W-120VAC	TTI06-1L	X, Z, GS
Incandescent Dimmer with LED locator	1000W-120VAC	TTI10-1L	X, Z, GS
Magnetic Low Voltage Dimmer with LED Locator	1000VA (800W)-120VAC	TTM10-1L	X, Z, GS
Coordinating Remote Dimmer for 3-way or up to 10 locations, no LED	No load rating 120VAC	TT00R-1	X, Z, GS

#### COLOR CHANGE KITS FOR TRUE TOUCH DECORA DIGITAL DIMMERS

Description	Cat. No.	Color
Dimmer Color Change Kit	TTKIT	W, I, A, T, G, E, WS, GI, BG
Remote Color Change Kit	TTKTR	W, I, A, T, G, E, WS, GI, BG

True Touch Decora Digital Lighting Controls are polarity-sensitive devices. Always follow the wiring instructions included with each device.

#### Maximum Load for Multi-Gang Applications

In multi-gang applications derating is required in accordance with the following charts. Many controls have side sections and fin removal is required (consult instruction sheets for further details).

Cat. No.	Single	2-Gang	3-Gang or more
TTI06-1L	600W	500W	400W
TTI10-1L	1000W	800W	700W
TTM10-1L	1000VA (800W)	800VA (640W)	700VA (560W)

## Commercial Grade

### TESTING AND CODE COMPLIANCE

- UL Listed (File #E-31373)
- CSA Certified (File #LR-3413)

### MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating  
Operating Temperature: 32°F to 130°F

### COLOR

TT106, TT110 and TTM10 products come packaged with three colors. Products with suffix (-X) include White, Ivory and Almond; products with suffix (-Z) include White, Ivory and Light Almond; products with suffix (-GS) include White, Gold and Silver. Color change kits available in the following colors: White (-W), Ivory (-I), Almond (-A), Light Almond (-T), Gray (-G), Black (-E), White Frame/Silver Touch (-WS), Ivory Frame/Gold Touch (-GI) and Brown Frame/Gold Touch (-BG)

### CAUTION ON RETROFITS

When retrofitting Mark 10® *Powerline* dimming ballasts into fixtures that originally had Instant Start ballasts, the sockets MUST be replaced with Rapid Start sockets to allow proper dimmer operation and to prevent damage to the dimming ballast. Refer to the instructions provided with the ballast and the Leviton dimmer.

**NOTE: Sharing a neutral wire may cause flickering. Connect all dimmers to the same phase or run a separate neutral to each phase. Consult Leviton Techline if problems persist.**



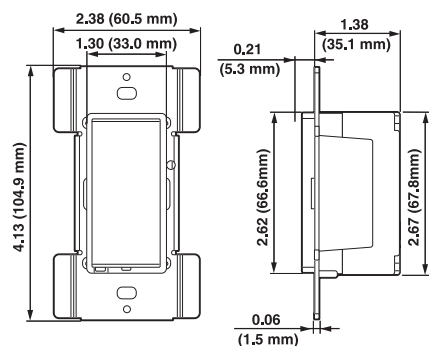
### Related Products

Use Leviton Power Extenders to extend the load capacity of box mounted dimmers. Leviton Power Extenders are available for incandescent, magnetic low voltage, electronic low voltage, Mark 10® *Powerline* fluorescent dimming ballasts or equivalents and 0-10 VDC dimmable fluorescent ballasts such as Mark 7® 0-10V, OSRAM Sylvania Quicktronic® Helios™ or equivalent ballasts.

**See page 227 for more information.**

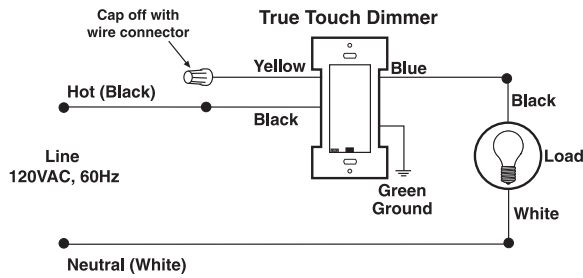
TrueTouch™ is a trademark of Leviton Manufacturing Co., Inc.  
Mark 10® *Powerline* and Mark 7® are registered trademarks of Advance Transformer Co.

## DIMENSIONS

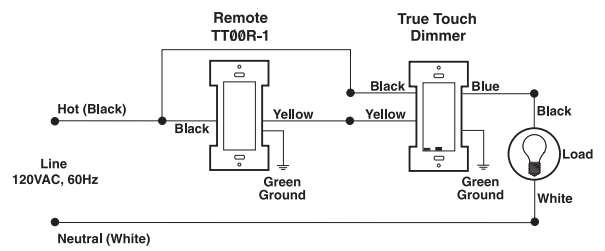


## WIRING DIAGRAMS

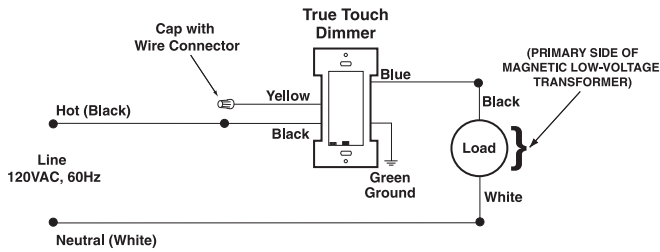
TTI06 & TTI10 single pole wiring diagram



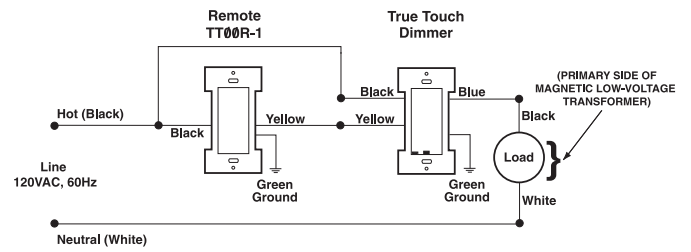
TTI06 & TTI10 3-way wiring diagram with TT00R



TTM10 single pole wiring diagram



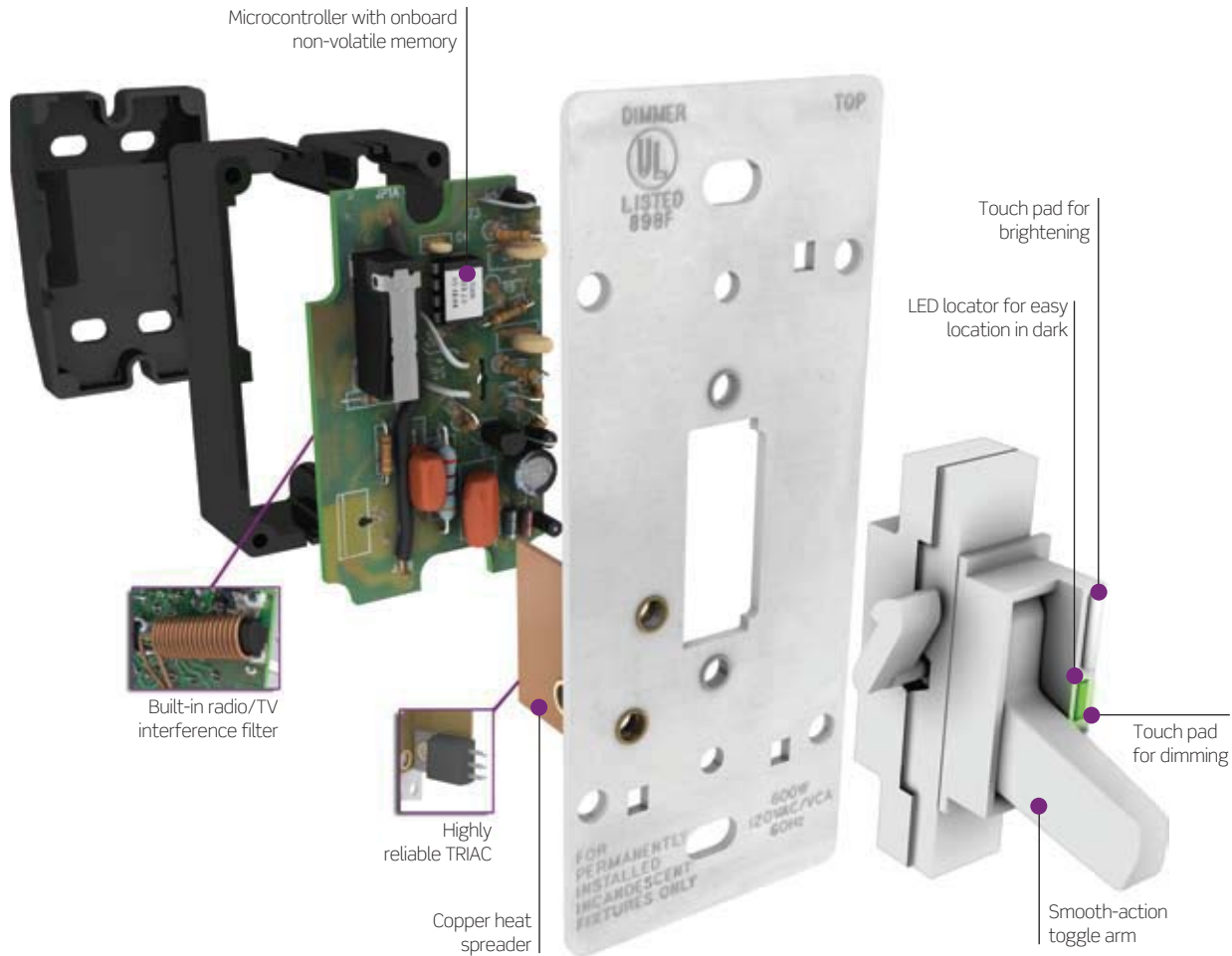
TTM10 3-way wiring diagram



## Commercial Grade

### ToggleTouch® Lighting Controls

ToggleTouch combines classic design, advanced digital technology and easy operation.



#### Features and Benefits

- Built-in radio/TV interference filter
- Classic toggle opening for traditional styling
- Limited Five-Year Warranty

ToggleTouch® is a registered trademark of Leviton Manufacturing Co., Inc.

### ToggleTouch®

#### Specifications and Features

- Provides a unique combination of toggle ON/OFF switching and digital touch pad technology
- Designed for smooth ON/OFF toggle action and easy to operate fingertip touch dimming control
- Provides single pole or 3-way control when used with a 3-way switch
- Touch pads match color of toggle switch
- Compatible with Leviton standard toggle wallplates and all Leviton toggle switches
- Provides preset dimming with soft ON feature. Does not provide fade OFF
- LED locator illuminates when lights are OFF
- Protected memory during temporary power failures ensures that ToggleTouch will retain last setting before power interruption
- Built-in radio/TV interference filter
- Limited Five-Year Warranty

#### TOGGLETOUCH DIGITAL DIMMERS - SINGLE POLE OR 3-WAY

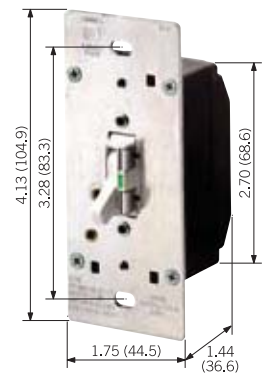
Description	Rating	Cat. No.	Color
Incandescent Dimmer with LED locator	600W-120VAC	TGI06-1L	W, I, A, T, B
Incandescent Dimmer with LED locator	1000W-120VAC	TGI10-1L	W, I, A, T, G
Magnetic Low Voltage Dimmer with LED locator	1000VA (800W)-120VAC	TGM10-1L	W, I, A, T

Note: Leviton does not recommend using the ToggleTouch Dimmer with metal wallplates

#### Maximum Load for Multi-Gang Applications

In multi-gang applications derating is required in accordance with the following charts. Many controls have side sections and fin removal is required (consult instruction sheets for further details).

Cat. No.	Single	2-Gang	3-Gang or More
TGI06-1L	600W	500W	400W
TGI10-1L	1000W	800W	700W
TGM10-1L	1000VA (800W)	800VA (640W)	700VA (560W)



TGI06-1L

#### TESTING AND CODE COMPLIANCE

- UL Listed (File #E-31373)
- CSA Certified (File #LR-3413)

#### MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating  
Operating Temperature: 32°F to 130°F

#### COLOR

To order colors, add suffix to basic Cat. No. White (-W), Ivory (-I), Almond (-A), Light Almond (-T), Grey (-G) and Brown (-B)

#### CAUTION ON RETROFITS

When retrofitting Mark 10® *Powerline* dimming ballasts into fixtures that originally had Instant Start ballasts, the sockets MUST be replaced with Rapid Start sockets to allow proper dimmer operation and to prevent damage to the dimming ballast. Refer to the instructions provided with the ballast and the Leviton dimmer.

**NOTE: Sharing a neutral wire may cause flickering. Connect all dimmers to the same phase or run a separate neutral to each phase. Consult Leviton Techline if problems persist.**



#### Related Products

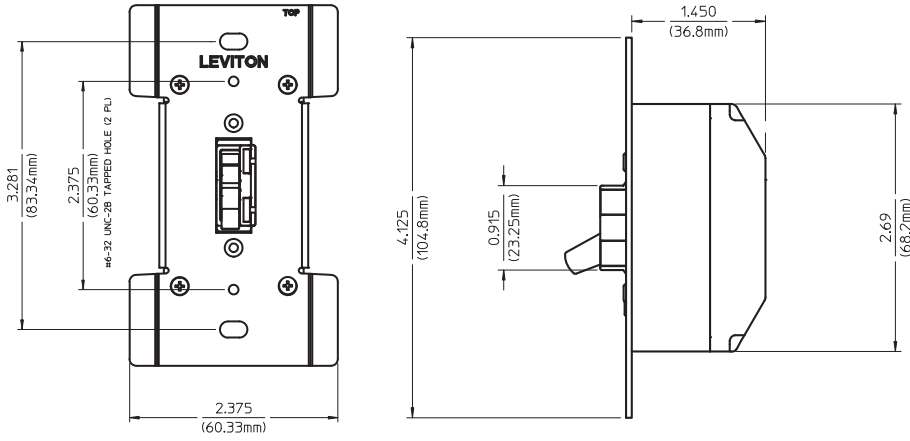
Use Leviton Power Extenders to extend the load capacity of box mounted dimmers. Leviton Power Extenders are available for incandescent, magnetic low voltage, electronic low voltage, Mark 10® *Powerline* fluorescent dimming ballasts or equivalents and 0-10 VDC dimmable fluorescent ballasts such as Mark 7® 0-10V, OSRAM Sylvania Quicktronic® Helios™ or equivalent ballasts.

**See page 227 for more information.**

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Mark 10® *Powerline* and Mark 7® are registered trademarks of Advance Transformer Co.  
Quicktronic® is a registered trademark and Helios™ is a trademark of OSRAM Sylvania.

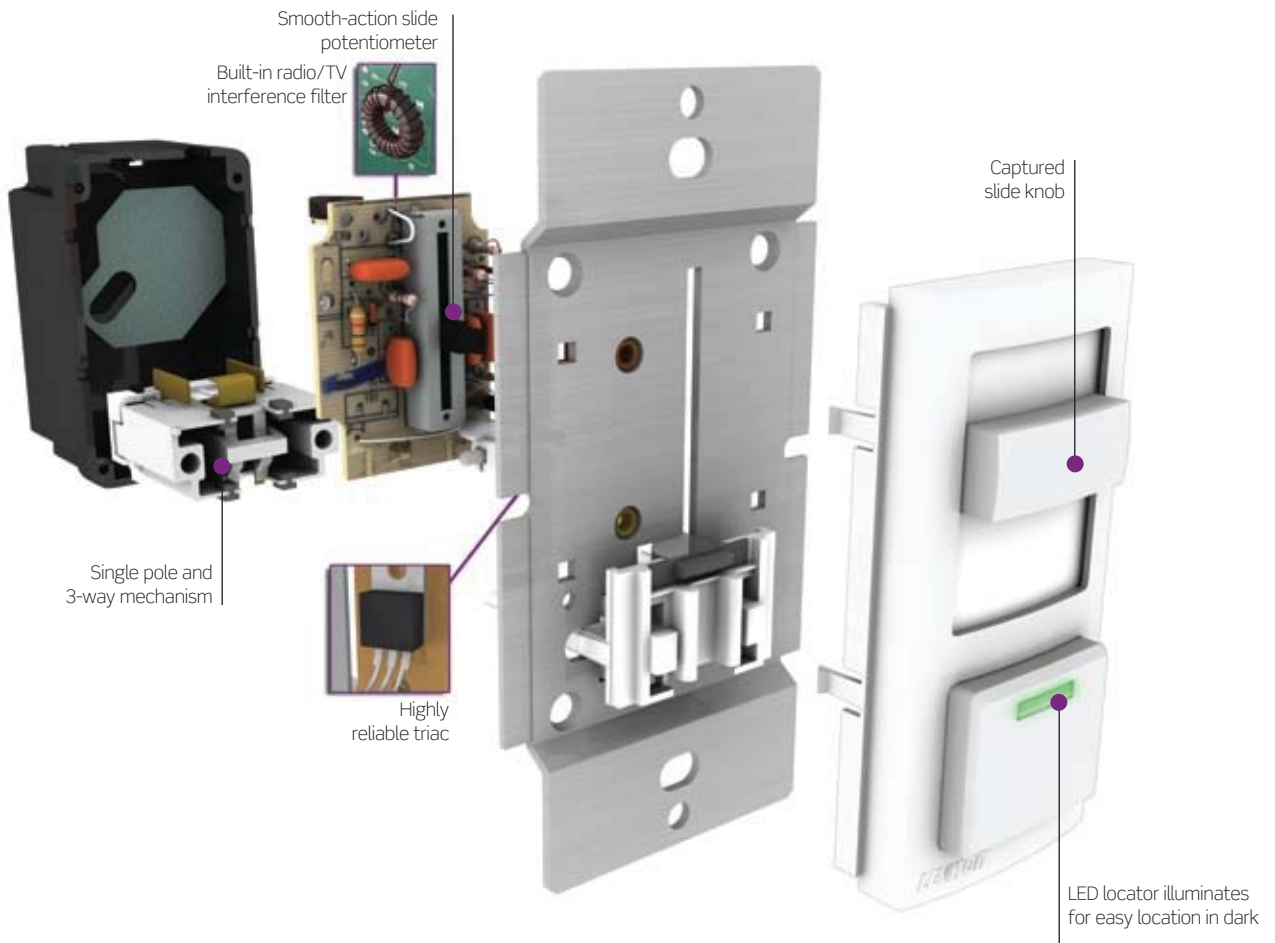
## Commercial Grade

### DIMENSIONS



## Decora®

The Decora line - IllumaTech™, IllumaTech Rotary and SureSlide™ - offers innovation and elegance to suit any décor. All of these products deliver the high performance and reliability you've come to expect from the Decora name.



### Features and Benefits

- Provides single pole and two-location control when used with a 3-way switch
- Streamlined, popular Decora® styling complements interiors and is compatible with other Decora devices
- Compatible with Decora Plus screwless wallplates and Decora wallplates
- Quiet 1.5A fan speed controls are ideal for libraries, study rooms and any area where ceiling fan noise could become distracting
- Captured slide bar stays on slide devices
- UL, CSA and NOM listed
- Limited Five-Year Warranty

Decora® is a registered trademark and IllumaTech™ and SureSlide™ are trademarks of Leviton Manufacturing Co., Inc.

## Commercial Grade

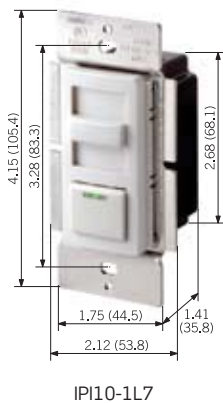
### IllumaTech™ Decora®

#### Specifications and Features

- Fluid slide movement allows fine adjustment of light level with minimum effort
- Captive wraparound slide bar remains securely attached
- Easy to use push button switch with conveniently positioned green LED locator
- Provides single pole and multi-location lighting control when used with a 3-way switch
- Streamlined, popular Decora styling complements interiors and is compatible with other Decora devices
- Compatible with Decora Plus™ screwless wallplates and Decora wallplates
- Power failure recovery ensures retention of last setting before power interruption
- Built-in radio/TV interference filter
- Quiet 1.5 amp fan speed controls are ideal for bedrooms, libraries, study rooms and any area where ceiling fan noise could become distracting. Full range 5 amp fan speed controls also available
- Color change kits are available to allow fast color changeover to simplify stocking inventory and feature a self aligning mechanism that automatically connects it to internal slider
- Limited Five-Year Warranty

#### ILLUMATECH DECORA PRESET SLIDE CONTROLS - SINGLE POLE OR 3-WAY

##### Dimmers



Description	Rating	Cat. No.	Color
Incandescent Dimmer with LED locator	600W-120VAC	IPI06-1L	X, Z
Incandescent Dimmer with LED locator	1000W-120VAC	IPI10-1L	X, Z
Magnetic Low Voltage Dimmer with LED locator	600VA (450W)-120VAC	IPM06-1L	X, Z
Magnetic Low Voltage Dimmer with LED locator	1000VA (800W)-120VAC	IPM10-1L	X, Z
Electronic Low Voltage Dimmer with LED locator, neutral required	400VA (320W)-120VAC	IPE04-1L	X, Z
Fluorescent Dimmer for Mark 10® Powerline Ballast, no LED; neutral required	600VA-120VAC	IPX06-10	X, Z
Fluorescent Dimmer Mark 10® Powerline Ballast, no LED; neutral required	1000VA-120VAC	IPX10-10	X, Z
Fluorescent Dimmer for Mark 10® Powerline Ballast, no LED; neutral required	600VA-277VAC	IPX06-70	X, Z
Fluorescent Dimmer for Mark 10® Powerline Ballast, no LED; neutral required	1200VA-277VAC	IPX12-70	X, Z
Fluorescent Dimmer for Mark 7® 0-10V Ballast with LED locator; neutral required	1200VA @ 120VAC 1500VA @ 277VAC	IP710-DL	X, Z

#### Fan Speed Controls

Description	Rating	Cat. No.	Color
Quiet Fan Speed Control with LED locator; neutral required	1.5A-120VAC	IPF01-1L	X, Z
Fully Variable Fan Speed Control with LED locator, neutral required	5A-120VAC	IPF05-1L	X, Z

#### COLOR CHANGE KITS FOR ILLUMATECH CONTROLS

Description	Cat. No.	Color
Color Change Kit with LED locator	IPKIT-00	W, I, A, T, G, E, B, R
Color Change Kit; no LED	IPKIT-ON	W, I, A, T, G, E, B, R
Color Change Kit for Fan Speed Control with LED locator	IPQFK-00	W, I, A, T, G, E, B, R

### Maximum Load for Multi-Gang Applications

In multi-gang applications derating is required in accordance with the following charts. Many controls have side sections and fin removal is required (consult instruction sheets for further details).

Cat. No.	Single	2-Gang	3-Gang or more
IPI06-1L	600W	500W	400W
IPI10-1L	1000W	800W	700W
IPE04-1L	400VA (320W)	350VA (280W)	250VA (200W)
IPM06-1L	600VA (450W)	500VA (375W)	400VA (300W)
IPM10-1L	1000VA (800W)	800VA (640W)	700VA (560W)
IP710-DL	1200VA @ 120VAC 1500VA @ 277VAC	1200VA @ 120VAC 1500VA @ 277VAC	1200VA @ 120VAC 1500VA @ 277VAC
IPX06-10	600VA	500VA	400VA
IPX10-10	1000VA	800VA	700VA
IPX06-70	600VA	600VA	600VA
IPX12-70	1200VA	1200VA	1200VA
IPF01-1L	1.5A	1.5A	1.5A
IPF05-1L	5A	4.1A	3.3A

#### TESTING AND CODE COMPLIANCE

- UL Listed (File #E-31373)
- CSA Certified (File #LR-3413)

#### MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating  
Operating Temperature: 32°F to 130°F

#### COLOR

IllumaTech Preset Controls come packaged with three colors. Products with suffix (-X) include White, Ivory and Almond; products with suffix (-Z) include White, Ivory and Light Almond. Color Change kits available in the following colors: White (-W), Ivory (-I), Almond (-A), Light Almond (-T), Gray (-G), Black (-E), Brown (-B) and Red (-R)

#### CAUTION ON RETROFITS

When retrofitting Mark 10® *Powerline* dimming ballasts into fixtures that originally had Instant Start ballasts, the sockets MUST be replaced with Rapid Start sockets to allow proper dimmer operation and to prevent damage to the dimming ballast. Refer to the instructions provided with the ballast and the Leviton dimmer.

**NOTE: Sharing a neutral wire may cause flickering. Connect all dimmers to the same phase or run a separate neutral to each phase. Consult Leviton Techline if problems persist.**



#### Related Products

Use Leviton Power Extenders to extend the load capacity of box mounted dimmers. Leviton Power Extenders are available for incandescent, magnetic low voltage, electronic low voltage, Mark 10® *Powerline* fluorescent dimming ballasts or equivalents and 0-10 VDC dimmable fluorescent ballasts such as Mark 7® 0-10V, OSRAM Sylvania Quicktronic® Helios™ or equivalent ballasts.

**See page 227 for more information.**

Mark 10® *Powerline* and Mark 7® are registered trademarks of Advance Transformer Co. Quicktronic® is a registered trademark and Helios™ is a trademark of OSRAM Sylvania.

## Residential Grade

### IllumaTech™ Decora® Rotary

#### Specifications and Features

- Rotary dial with contemporary Decora styling
- Dimmers provide single pole or 3-way control when used with a 3-way switch
- Dimmers available with or without LED locator
- Quiet 1.5 amp fan speed controls are ideal for libraries, study rooms and any area where ceiling fan noise could become distracting
- Dual fan speed control and dimmer is ideal for ceiling fans with built-in light fixtures
- Streamlined, popular Decora styling complements interiors and is compatible with other Decora devices
- Compatible with Decora Plus™ screwless wallplates and Decora wallplates
- Built-in radio/TV interference filter
- Limited Five-Year Warranty

#### ILLUMATECH DECORA ROTARY CONTROLS

##### Dimmers

Description	Rating	Cat. No.	Color
Rotary Incandescent Dimmer, single pole or 3-way, with LED locator	600W-120VAC	RPI06-1L	X, Z
Rotary Incandescent Dimmer, single pole or 3-way, no LED	600W-120VAC	RPI06-10	X, Z

##### Fan Speed Controls

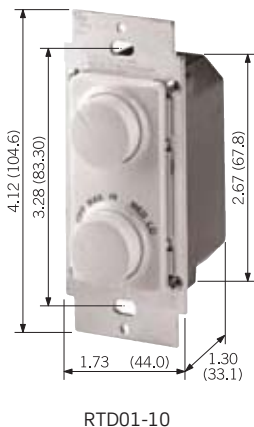
Description	Rating	Cat. No.	Color
Quiet Fan Speed Control, single pole, no LED	1.5A-120VAC	RTF01-10	X, Z
Rotary Dual Quiet Fan Speed Control and Dimmer, single pole, no LED	1.5A Fan Control/ 300W Dimmer	RTD01-10	X, Z



#### Maximum Load for Multi-Gang Applications

In multi-gang applications derating is required in accordance with the following charts. Many controls have side sections and fin removal is required (consult instruction sheets for further details).

Cat. No.	Single	2-Gang	3-Gang or More
RPI06-1L	600W	500W	400W
RPI06-10	600W	500W	400W
RTF01-10	1.5A	1.5A	1.5A
RTD01-10	300W/1.5A	300W/1.5A	300W/1.5A



### TESTING AND CODE COMPLIANCE

- UL Listed (File #E-31373)
- CSA Certified (File #LR-3413)

### MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating  
 Operating Temperature: 32°F to 130°F

### COLOR

Controls come packaged with three colors. Products with suffix (-X) include White, Ivory and Almond; products with suffix (-Z) include White, Ivory and Light Almond

### CAUTION ON RETROFITS

When retrofitting Mark 10® *Powerline* dimming ballasts into fixtures that originally had Instant Start ballasts, the sockets MUST be replaced with Rapid Start sockets to allow proper dimmer operation and to prevent damage to the dimming ballast. Refer to the instructions provided with the ballast and the Leviton dimmer.

**NOTE: Sharing a neutral wire may cause flickering. Connect all dimmers to the same phase or run a separate neutral to each phase. Consult Leviton Techline if problems persist.**



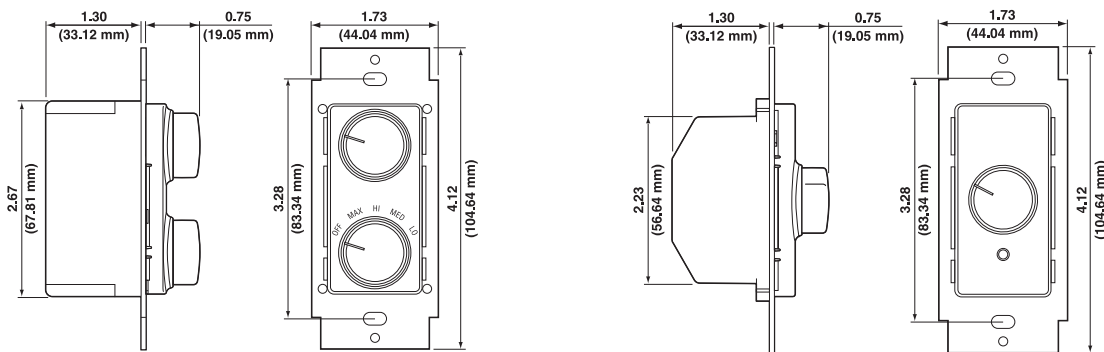
### Related Products

Use Leviton Power Extenders to extend the load capacity of box mounted dimmers. Leviton Power Extenders are available for incandescent, magnetic low voltage, electronic low voltage, Mark 10® *Powerline* fluorescent dimming ballasts or equivalents and 0-10 VDC dimmable fluorescent ballasts such as Mark 7® 0-10V, OSRAM Sylvania Quicktronic® Helios™ or equivalent ballasts.

**See page 227 for more information.**

IlumaTech™ is a trademark of Leviton Manufacturing Co., Inc.  
 Mark 10® *Powerline* and Mark 7® are registered trademarks of Advance Transformer Co.  
 Quicktronic® is a registered trademark and Helios™ is a trademark of OSRAM Sylvania.

## DIMENSIONS



## Residential Grade

### SureSlide™ Decora®

#### Specifications and Features

- All SureSlide devices have a linear slide control for precise operation
- Preset versions provide single pole or 3-way lighting control when used with a 3-way switch
- Illuminated versions feature optional use Neon locator
- Streamlined, popular Decora styling complements interiors and is compatible with other Decora devices
- Compatible with Decora Plus™ screwless wallplates and Decora wallplates
- Built-in radio/TV interference filter
- Quiet 1.5 amp fan speed controls are ideal for libraries, study rooms and any area where ceiling fan noise could become distracting. Full range 5 amp fan speed controls also available
- SureSlide 6668 is specially designed to work with the Philips Dimmable Marathon® Bulbs
- New CFL Dimmer designed specifically for use with Dimmable CFL Bulbs
- Limited Five-Year Warranty

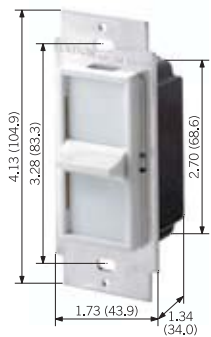
#### SURESLIDE DECORA FULL RANGE SLIDE CONTROLS

##### Dimmers

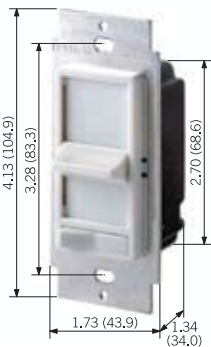
Description	Rating	Cat. No.	Color
Incandescent Dimmer, single pole slide-to-off with optional use LED locator	600W-120VAC	6631-L	W, I, A, T
Incandescent Dimmer, single pole or 3-way with preset ON/OFF switch with optional use LED locator	600W-120VAC	6633-PL	W, I, A, T, G, E
CFL Dimmer, single pole or 3-way with preset ON/OFF Switch	300W-120VAC CFL 600W-120VAC Incandescent	6673-P	W
Incandescent or Magnetic Low Voltage Dual slide-to-OFF Dimmer: two single pole loads	300W or 300VA per circuit; 600W/600VA total	6628	W, I, A
Magnetic Low Voltage Dimmer, single pole or 3-way with preset ON/OFF switch with optional LED	600VA (450W)-120VAC	6613-PL	W, I, A, T
Electronic Low Voltage Dimmer, single pole or 3-way with preset ON/OFF switch	300W-120VAC	6615-P	W, T
Dimmer for Mark 10® Powerline/Philips Marathon ballasts, single pole	500W-120VAC Mark 10 350W-120VAC Philips Dimmable Marathon	6668	W, I

##### Fan Speed Controls

Description	Rating	Cat. No.	Color
Full-Range Fan Speed Control, single pole	5A-120VAC	6627-1	W, I, B
Full-Range Fan Speed Control, single pole or 3-way with preset ON/OFF	5A-120VAC	6637-P	W, I, A, T
Quiet Step Fan Speed Control, single pole or 3-way with preset ON/OFF	1.5A-120VAC	6629-3	W, I, A, T
Dual Quiet Fan Speed Control and Dimmer	1.5A Fan Control/ 300W Dimmer	6630	W, I, A, T



6633-PL



6631-L



6630

### Maximum Load for Multi-Gang Applications

In multi-gang applications derating is required in accordance with the following charts. Many controls have side sections and fin removal is required (consult instruction sheets for further details).

Cat. No.	Single	2-Gang	3-Gang or more
6631-L	600W	500W	400W
6633-PL	600W	500W	400W
6628	600W/VA total	500W/VA total	400W/VA total
6613-PL	600VA 450W)	500VA (375W)	400VA (300W)
6615-P	300W	300W	250W
6668 Mark 10	500W	400W	400W
Philips	350W	300W	300W
6627-1	5A	4.1A	3.3A
6637-P	5A	4.1A	3.3A
6629-3	1.5A	1.5A	1.5A
6630	300W/1.5A	300W/1.5A	300W/1.5A
6673-P CFL	300W	300W	300W
Incandescent	600W	500W	400W

#### TESTING AND CODE COMPLIANCE

- UL Listed (File #E-31373)
- CSA Certified (File #LR-3413)

#### MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating  
Operating Temperature: 32°F to 130°F

#### COLOR

To order colors, add suffix to basic Cat. No. White (-W), Ivory (-I), Almond (-A), Brown (-B), Light Almond (-T), Grey (-E) and Black (-E)

#### CAUTION ON RETROFITS

When retrofitting Mark 10® *Powerline* dimming ballasts into fixtures that originally had Instant Start ballasts, the sockets MUST be replaced with Rapid Start sockets to allow proper dimmer operation and to prevent damage to the dimming ballast. Refer to the instructions provided with the ballast and the Leviton dimmer.

**NOTE: Sharing a neutral wire may cause flickering. Connect all dimmers to the same phase or run a separate neutral to each phase. Consult Leviton Techline if problems persist.**

Philips Marathon® is a trademark of Koninklijke Philips Electronics N.V.



#### Related Products

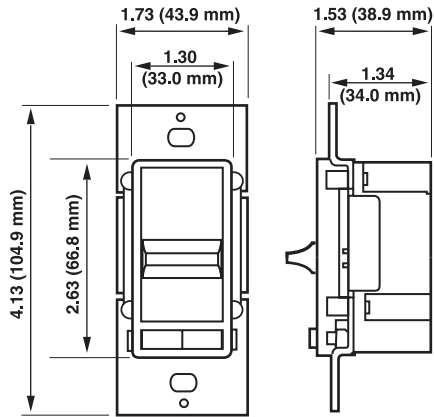
Use Leviton Power Extenders to extend the load capacity of box mounted dimmers. Leviton Power Extenders are available for incandescent, magnetic low voltage, electronic low voltage, Mark 10® *Powerline* fluorescent dimming ballasts or equivalents and 0-10 VDC dimmable fluorescent ballasts such as Mark 7® 0-10V, OSRAM Sylvania Quicktronic® Helios™ or equivalent ballasts.

**See page 227 for more information.**

SureSlide™ is a trademark of Leviton Manufacturing Co., Inc.  
Mark 10® *Powerline* and Mark 7® are registered trademarks of Advance Transformer Co.  
Quicktronic® is a registered trademark and Helios™ is a trademark of OSRAM Sylvania.

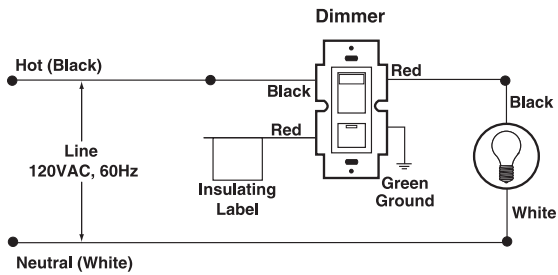
## Residential Grade

### DIMENSIONS

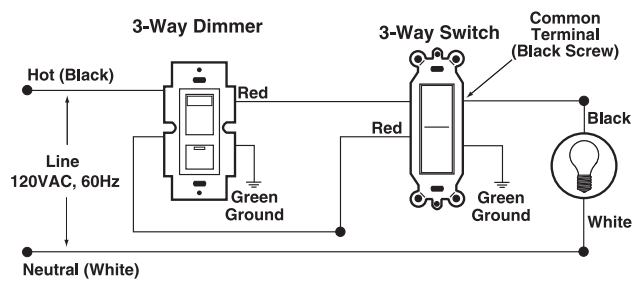


### WIRING DIAGRAMS

Single-Location Control Application (Incandescent)



Two-Location Control Application (Incandescent)



NOTE - wiring diagram applicable to IllumaTech™ and SureSlide™.

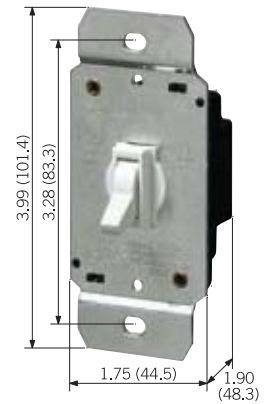
### Toggle

#### Specifications and Features

- Replaces standard toggle switch
- Easy to install shallow design
- Built-in radio/TV interference filter
- Positive ON/OFF action with smooth, full range brightness control
- Limited Five-Year Warranty

#### TOGGLE DIMMERS

Description	Rating	Cat. No.	Color
Incandescent Dimmer, single pole	600W-120VAC	6641	W, I
Incandescent Dimmer, single pole or 3-way	600W-120VAC	6643	W, I
Incandescent Dimmer, single pole, illuminated	600W-120VAC	6691	Clear
Incandescent Dimmer, single pole or 3-way, illuminated	600W-120VAC	6693	Clear



6641

#### TESTING AND CODE COMPLIANCE

- UL Listed (File #E-31373)
- CSA Certified (File #LR-3413)

#### COLOR

To order colors, add suffix to basic Cat. No. White (-W) and Ivory (-I)

#### MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating  
Operating Temperature: 32°F to 130°F



#### Related Products

Use Leviton Power Extenders to extend the load capacity of box mounted dimmers. Leviton Power Extenders are available for incandescent, magnetic low voltage, electronic low voltage, Mark 10<sup>®</sup> *Powerline* fluorescent dimming ballasts or equivalents and 0-10 VDC dimmable fluorescent ballasts such as Mark 7<sup>®</sup> 0-10V, OSRAM Sylvania Quicktronic<sup>®</sup> Helios<sup>™</sup> or equivalent ballasts.

**See page 227 for more information.**

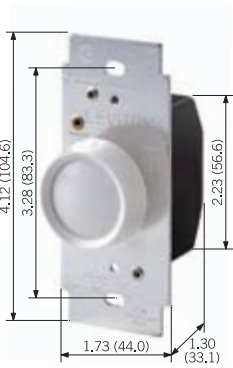
Mark 10<sup>®</sup> *Powerline* and Mark 7<sup>®</sup> are registered trademarks of Advance Transformer Co. Quicktronic<sup>®</sup> is a registered trademark and Helios<sup>™</sup> is a trademark of OSRAM Sylvania.

## Residential Grade

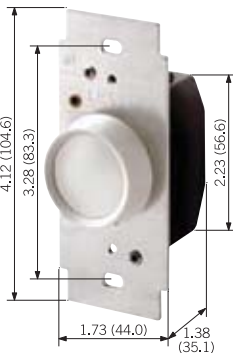
### Trimatron™

#### Specifications and Features

- Select, traditional lighting controls feature an ultra compact design that fits in even the tightest wallboxes
- Built-in radio/TV interference filter
- Quiet 1.5 amp Trimatron Fan Speed Control is ideal for libraries, study rooms and any area where ceiling fan noise could become distracting. Full range 5 amp fan speed controls also available
- Wire leads provided for fast, easy installation
- Limited Five-Year Warranty



6683



6616-X

#### TRIMATRON DELUXE FULL RANGE ROTARY CONTROLS

##### Dimmers

Description	Rating	Cat. No.	Color
Incandescent Dimmer, push ON/push OFF, single pole or 3-way	600W-120VAC	6683	X, Z
Incandescent Dimmer, single pole (Not UL Listed or CSA Certified)	600W-220VAC/ 50 Hz	6602-220	W

##### Accessories

Description	Cat. No.	Color
Decora Adapter for Rotary Dimmers - plastic, standard size; fits over .406" Dimmer shaft	80400	W, I, A, E, B*
Dimmer Knobs with metal insert (packed 25 per box)	26115	W, I, A, T, E, B*

\*80400 and 26115 also available in Brown (no suffix).

##### Fan Speed Controls

Description	Rating	Cat. No.	Color
Full-Range Fan Speed Control	5A-120VAC	6616-X	W, I
Quiet Fan Speed Control	1.5A-120VAC	6639	X, Z

### Maximum Load for Multi-Gang Applications

In multi-gang applications derating is required in accordance with the following charts. Many controls have side sections and fin removal is required (consult instruction sheets for further details).

Cat. No.	Single	2-Gang	3-Gang or more
6683	600W	500W	400W
6616-X	5A	4.1A	3.3A
6639	1.5A	1.5A	1.5A

#### TESTING AND CODE COMPLIANCE

- UL Listed (File #E-31373)
- CSA Certified (File #LR-3413)

#### MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating  
Operating Temperature: 32°F to 130°F

#### COLOR

To order colors, add suffix to basic Cat. No. White (-W), Ivory (-I), Almond (-A), Light Almond (-T) and Black (-E). \*80400 and 26115 also available in Brown (no suffix). Some products come packaged with 3 colors. Products with suffix (-X) include White, Ivory and Almond. Products with suffix (-Z) include White, Ivory and Light Almond.



#### Related Products

Use Leviton Power Extenders to extend the load capacity of box mounted dimmers. Leviton Power Extenders are available for incandescent, magnetic low voltage, electronic low voltage, Mark 10® *Powerline* fluorescent dimming ballasts or equivalents and 0-10 VDC dimmable fluorescent ballasts such as Mark 7® 0-10V, OSRAM Sylvania Quicktronic® Helios™ or equivalent ballasts.

**See page 227 for more information.**

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Mark 10® *Powerline* and Mark 7® are registered trademarks of Advance Transformer Co.  
Quicktronic® is a registered trademark and Helios™ is a trademark of OSRAM Sylvania.

## Residential Grade

### Specialty Controls

Leviton supports every need with a wide range of specialty controls, including four step, lamp cord and table top dimmers. They are robust and easy to install, with features any homeowner will appreciate.

#### Specifications and Features

##### 4-Level Step Dimmer

- Eliminates guesswork: user selects one of four preset lighting levels (25%, 50%, 75%, 100%)
- Easily installs in place of single pole switch
- LED indicates selected level of brightness
- Streamlined, popular Decora® styling complements interiors and is compatible with other Decora devices
- Compatible with Decora Plus™ screwless wallplates and Decora wallplates
- Limited Five-Year Warranty

##### Lamp Cord and Dimmer Sockets

- Compact dimmer socket is interchangeable with standard lamp holder for dimmer conversion (eliminates need for expensive 3-way bulbs)
- Full-Range Feed-Through Lamp Cord Dimmer provides full-range dimming with positive ON/OFF action
- Limited Five-Year Warranty

### SPECIALTY DEVICES



TB103

Description	Cat. No.	Rating	Color
Decora 4-Level Step Dimmer Incandescent only	6161	500W-120VAC	W, I, A
Hi-LO Feed-Through Lamp Cord Dimmer	1420	200W-120VAC	W*
Tabletop Dimmer for plug-in lamps	TB103	300W-120VAC	W, E
Full-Range Feed-Through Lamp Cord Dimmer (Not UL listed or CDA certified)	6250-3	200W-120VAC	I*
Full-Range Compact Dimmer Socket (1/8 I.P.S. thread and set screw)	6151	150W-120VAC	

\* Basic Cat. No. denotes Brown

### Maximum Load for Multi-Gang Applications

In multi-gang applications derating is required in accordance with the following charts. Many controls have side sections and fin removal is required (consult instruction sheets for further details).



6161

Cat. No.	Single	2-Gang	3-Gang or More
6161	500W	400W	300W

#### TESTING AND CODE COMPLIANCE

- UL Listed (File #E-3810: 6151; File #E-7458: 1420; File #E-7442: 6250-3)
- CSA Certified (File #LR-1863: 6151; File #LR-3413: 1420)

#### MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating  
Operating Temperature: 32°F to 130°F

#### COLOR

To order colors, add suffix to basic Cat. No.  
White (-W), Ivory (-I), Almond (-A) and Black (-E)