



Using this paper versus standard paper produced the following environmental benefits.



Based on Environmental Defense Fund Paper Calculation		
	Number of Trees Saved	8
	Total Energy Saved – Million BTU's	5.85
	Greenhouse Gas Reduction – lbs of CO <sub>2</sub>	764
	Gallons of Water Saved	3,508
	Solid Waste Reduction – lbs of Waste	388

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**COOPER** Wiring Devices



**CORE**  
LIGHTING CONTROLS

## Wallbox Lighting Controls

Save Energy.  
Create Ambiance.  
Meet Green Initiatives.  
Comply with Energy Codes.

**COOPER** Wiring Devices



Wireless Systems



Dimmers



Fan Controls



Sensors

## CORE™ Lighting Controls

Experience the ultimate in lighting controls with innovative technology and style from CORE Lighting Controls. Seamlessly create ambiance and reduce energy consumption without compromise.

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## The CORE Advantage

CORE's breadth of line provides distinctive style offerings and colors to compliment any decor and unique installation flexibility that offer lower costs on the job site.



**Control**



**Conserve**



**Coordinate**

**CORE**  
LIGHTING CONTROLS

### CORE Lighting Controls

Bridging state of the art lighting control with contemporary aesthetics, Core Controls line of wallbox dimmers, occupancy sensors and wireless devices can reduce energy usage, improve ambiance and increase the beauty of the rooms they occupy.

Ideal for residential or single room commercial or institutional applications, Core wallbox controls are offered in an extensive array of forms and options that put the power of control in your hands. Whether setting scenes for varying conference room applications or optimizing the environment for a home theater, Core Controls can add flexibility to your setting all while enabling you to reduce energy usage, improve the environment and meet the latest energy codes

### Wireless Systems

Single room and whole home control for increased safety, convenience and energy savings.



### Dimmers & Fan Speed Controls

Control light levels and fan speeds for ambiance, comfort and lower energy bills.



### Sensors

Motion activated control of lights for peace of mind and reduced energy consumption.



CORE Controls provides devices that are an integral part to energy reduction programs; helping to decrease energy consumption while improving productivity without compromising comfort.



9534WS

## Dimmers:

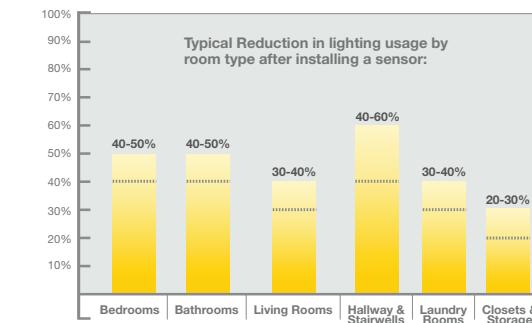
Dimmers let you control the amount of wattage used by light bulbs, saving electricity, reducing energy bills and extending the life of light bulbs.



OS310U-W

## Sensors:

When lights are left on in empty rooms, energy and money is wasted. One of the easiest ways to save energy at home is to replace standard switches with occupancy or vacancy sensors.



RFHDCSG

## Wireless Control:

ASPIRE RF gives you the power to be green by helping you manage lighting and temperature control in your home.

- Dim lights in a room or throughout the house at anytime to reduce energy consumption
- Program a light or lights in and around the house to turn on and off at the appropriate time of day and year in order to reduce waste
- Motion sensors let the system know when to turn lights off in unoccupied rooms

Consumers have real concerns about home energy costs and are taking steps to reduce them. In the past 12 months, 76% of consumers report taking some action to reduce the amount of energy consumed in their home.

– CEA Market Research Report: Home Technologies and Energy Efficiency

## Product Style Overview

Choose Decorator for a contemporary design or Traditional for a timeless device styling. Both provide compatibility with numerous decorator and traditional devices to help complete the look of any space.

## Decorator Devices



ASPIRE RF  
Page 8



ASPIRE SLIDE  
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ACCELL  
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DEVINE  
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SKYE  
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## Occupancy & Vacancy Sensors



SAVANT  
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SAVANT  
Dual Relay  
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SAVANT  
Dimmer  
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Standard Series  
Switch  
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## Traditional Devices



REACT  
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Architectural  
Rotary  
Page 28



TRACE  
Page 30



ASPIRE RF	ASPIRE	ASPIRE SLIDE	ACCELL	DEVINE	SKYE
					

#### Operation

Electro-mechanical Button	●	●		●		
Mechanical Slide Bar			●		●	●
Preset (on/off switch)	●	●	●	●	●	●
Non-Preset						●

#### LED

LED Locator and Light Level Indicators	●	●		●		
LED Locator Only						●

#### Multi-Location Control

Single-Pole and Multi-Location	●	●		●		
Single-Pole and 3-Way			●		●	●
Single-Pole Only						●

#### Wiring

6" Pre-stripped Wireleads	●	●		●		
Side and Back Screw Terminals			●		●	●

#### Wattage/Lamp Type

600W Incandescent						
600W/VA Incandescent & Magnetic Low-Voltage	●	●	●		●	●
Eco-Save* 600W/VA Incandescent & Magnetic Low-Voltage	●					
1000W/VA Incandescent & Magnetic Low-Voltage	●	●	●	●	●	●
Eco-Save* 1000W/VA Incandescent & Magnetic Low-Voltage	●					
600W Electronic Low-Voltage	●	●	●			●
1000W Electronic Low-Voltage	●	●	●			
8A Fluorescent (Mark 10®, AmbiStar®, Tu-Wire®)	●	●	●	●	●	●
8A @ 277V Fluorescent (Mark 10®)			●		●	●

#### Fan Control

Quiet 3-speed			●		●	●
Fully Variable			●			●
Dual Fan/Light						●

#### Colors

Alpine White, Desert Sand, Silver Granite, White Satin	●	●	●			
Almond, Brown, Black, Gray, Ivory, Light Almond, White				●†	●	●

\* Eco-Save dimmers guarantee at least 15% energy savings and extend the life of incandescent bulbs by at least three fold.

† Color change kits offered individually or in tri-color packouts

**Wireless Controls**

ASPIRE RF provides intelligent wireless control of the light in and around your home – at the touch of a button.

**What is ASPIRE RF?**

ASPIRE RF™ is a wireless control system that offers easy-to-install and easy-to-use control of a single room or whole home using Z-Wave® technology.

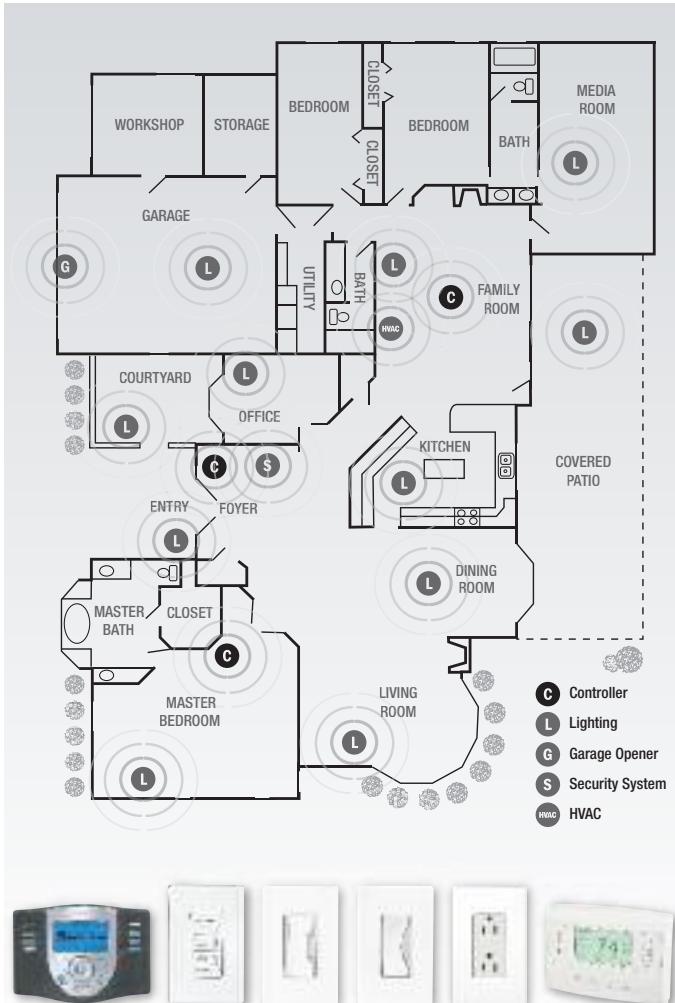
With a full array of controllers and a wide range of devices for light, shade and temperature control, integrating, customizing and growing a system, is easy. Best of all, installation requires no special wiring or rewiring - making it ideal for retrofitting existing properties and for new construction.

**Expandable, Dependable, Adaptable**

Superior reliability with mesh network infrastructure and fully integrated devices featuring built-in repeaters for two-way communication.

Maximum flexibility with an open and interoperable ecosystem with products certified to perform with Z-wave products from numerous manufacturers and 3rd party partners.

With control of over 200 devices, ASPIRE RF provides the scalability to address small to large projects in retrofit or new construction applications.

**Features & Benefits**

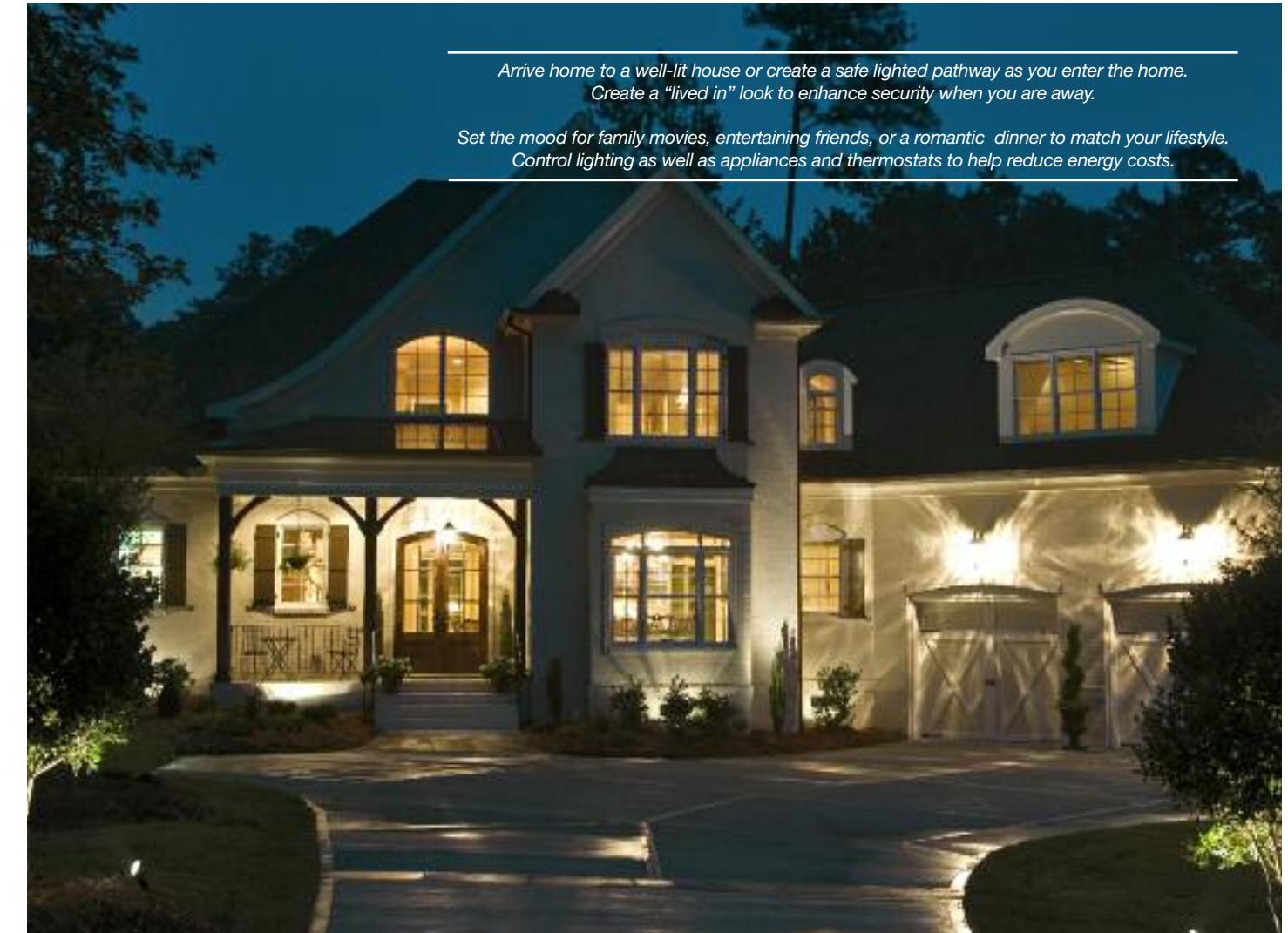
- Easy installation
- Ideal retrofit solution; no new wiring is needed
- Energy savings and comfort
- Added security and convenience inside and outside the home
- Simple and intuitive programming
- Control shades and thermostats
- Expandable and scalable system
- Control over 200 devices locally or remotely via the web
- Interoperability powered by Z-Wave® technology
- Matching ASPIRE™ designer devices and screwless wallplates

**Industry Leading Breadth of Line**

- Handheld and Tabletop Controllers
- Home Controller and USB Sticks
- RS232 Interface
- 5-button Scene Keypads
- Dimmers, Switches and Accessories
- Receptacles and Plug-in Lamp Modules
- Battery Operated Dimmer
- Garage Door Access Controls
- Thermostat
- Motion Sensor
- Shade Control Module

**The ultimate in control with innovative technology and style**

Experience the elegance of sophisticated design combined with a robust, reliable, and scalable wireless technology.

**Personalized Choices**

Five prepackaged kits offer convenience, ease of installation and exceptional value. Control one or multiple rooms, integrate with your home theater or provide safe entry; all can be easily expanded as needs grow or lifestyles change.



Personalized controller screens allow for favorite scenes to be defined by the user on each tabletop controller with a simple press of a button. Customized engraving for scene keypads provides the homeowner a personal touch as to how they use their lights.



Accessorize with designer ASPIRE devices to complete the look throughout the home. Complement your ASPIRE RF system with designer ASPIRE standard and GFCI receptacles, smart and slide dimmers, fan speed controls, communication plates and jacks and screwless wallplates.



## What is Z-wave technology?

Z-Wave is a highly versatile and dependable RF-based control technology that effectively transforms any component into an intelligently networked device that can be controlled and monitored wirelessly. ASPIRE RF products are compatible with any Z-Wave certified device. This interoperability with other manufacturers' devices provides maximum flexibility and expandability.

Each ASPIRE RF unit functions as a repeater ensuring that every command is carried out. Z-Wave's "mesh network" offers extremely high performance and greater reliability than many control systems.



## Industry Partners

Cooper Wiring Devices has partnered with select market leading brands to ensure a reliable experience when integrating our products with a wide variety of A/V remotes and automation systems.

### CONTROLLERS



#### Handheld Controllers

- Install, configure and control lights, shades, thermostats, scenes, events and system settings
- Large backlit screen and buttons with intuitive interface make these ideal for any user
- Battery powered (AA) with additional plug-in power supply for Tabletop version



#### Advance Controllers

- Use it to monitor and control lighting, appliances, climate, security, irrigation, window shades and home entertainment equipment.
- Securely access your property from anywhere in the world with any Internet connection.
- Provides astronomic time clock, voice control, and alerts by text, email or phone



#### RS32 Interface

- RS232 Serial Interface provides integration with Universal A/V and Automation control systems.
- Interface device can setup, commission and modify any ASPIRE RF system
- Public integration protocol (ASCII) provided with product

### KEYPADS



#### Scene Keypads

- 5 button keypad provides ON/OFF/DIM control of lights, zones and scenes
- Features preprogrammed ALL OFF 6th button for convenience and peace of mind
- Offers customized engraving and LEDs on buttons for locator and status indication

### CLIMATE CONTROL



#### Thermostats

- Intelligent programmable thermostat that works with all brands of heating, cooling and heat pump systems.
- Provides local and wireless remote System Off/Auto/Heat/Cool, Fan Auto/On, and other system controls
- Control and monitor thermostat remotely from controller or from anywhere in the world\* (\*Note: requires internet connection and professional software)

### ACCESS CONTROL



#### Garage Door Accessories

- Light up your home or pathway and open garage door from the comfort and safety of your car
- Keychain and wall mount keypad provides outdoor lighting control and garage door access
- Can interface with your vehicle's HomeLink® system providing in-car control of lights and garage

### LIGHTING CONTROL



#### Dimmers and Switches

- Allows ON/OFF/DIM control of popular light loads and provides programmable settings
- Dimmers adjust the light intensity to save energy and create ambience
- Can control up to five devices through association for virtual multi-location or mini scene control
- Versions with no neutral are great for remodeling/retrofit applications



#### Receptacles

- Provides local and remote ON/OFF switching of table lamps, floor lamps, holiday lighting and fans.
- Provides wireless control of one outlet leaving second for standard daily use
- TR version receptacles automatically help keep children safe from electrical injury by preventing the insertion of foreign objects



#### Battery Operated Device

- Battery-operated portable device can be mounted to any flat surface
- Creates virtual 3-Way or multi-location ON/OFF/DIM control without the need for wiring or installing boxes
- Acts as a dimmer, switch or mini scene controller of up to five associated devices



#### Plug-in Modules

- Upgrade any standard receptacle to provide local and remote ON/OFF/DIM control of table lamps, floor lamps, holiday lighting and small appliances
- Allows lamps and appliances to be included in scenes and events
- Both feature load-sensing allowing lamps to be turned on manually without need for controller



#### Motion Sensor

- Provides 3-in-1 sensor functionality with PIR Motion Sensor, Light Sensor (photocell) and Temperature Sensor
- Can be associated with up to four devices for single room or zone ON/OFF control
- Surface mounts to any flat or angled surface and powered by 3 AAA batteries for ease of installation



#### Shade Control Module

- Controls any DC motorized window coverings, projection screens and awnings
- Ultra compact footprint allows for flexibility in choosing mounting location and position
- Provides two-piece screw terminals for convenient motor connections, exclusive auto calibration, custom intermediate stops and supports tilt function

AMX • Control4 • Lagotek • RTI • Savant  
Schlegel • Universal Electronics  
Universal Remote Control



RFTDCSG

### Simple and Intuitive Programming Tools

ASPIRE RF systems offer the choice of basic button-press programming with handheld controllers or advanced PC based programming. The intuitive and simple user interface shown on each portable controllers large backlit screen makes installing and configuring easy with a push of a button. For larger projects our professional grade installer setup tool software saves time and offers a wealth of control and configuration options for true home automation.

#### 4 Simple Steps to Install ASPIRE RF Devices:

	1. Wire device applying 120V/AC (Device LED blinks)	3. Customize device name and select location
	2. Install device in network with button press of controller then device (Device LED stops blinking)	4. Configure device settings and add to scenes or events



RFWC5AW

### Local Control at your Fingertips

ASPIRE RF Keypads provide control of devices, zones, scenes and more sophisticated actions when used with advanced software. Each keypad offers 5 buttons for ON/OFF/Dim control and programming is simple with a press and hold of each button to transfer information from controller. The sixth preprogrammed button provides an ALL OFF, turning all devices associated with keypad off.

They are ideal for entry points, hallways and any location where room, floor or whole home local control is desired. For a personal touch customized engraved buttons are available.

### Controllers

Description	Cat. No.	Color
Handheld Controller (2AA Batteries)	<input type="checkbox"/> RFHDCSG	SG
Tabletop Controller (3AA Batteries or AC)	<input type="checkbox"/> RFTDCSG	SG
USB Wireless Controller (Software Included)	<input type="checkbox"/> RFUSB	SG
USB Installer Controller (Software Included)	<input type="checkbox"/> RFUSB-PRO	SG
Home Controller (Software included)	<input type="checkbox"/> RFBER	—

### Interface Accessories

Description	Cat. No.	Color
Serial Interface Programming Module (RS232-ASCII)	<input type="checkbox"/> RF232	—

### Scene Control Keypads

Description	Cat. No.	Color
Five Button Scene Control Keypad, Engraving Option	<input type="checkbox"/> RFWC5	AW, DS, SG, WS
Five Button Scene Control Keypad	<input type="checkbox"/> RFWDC	AW, DS, SG, WS

### Dimmers

Wattage	Lamp Type	Description	Cat. No.	Color
600W	Incandescent/MLV	Smart Dimmer	<input type="checkbox"/> RF9534-N	AW, DS, SG, WS
600W	Incandescent	Smart Dimmer, (No neutral required)	<input type="checkbox"/> RF9534	AW, DS, SG, WS
600W	ELV	Smart Dimmer	<input type="checkbox"/> RF9535-N	AW, DS, SG, WS
1000W	Incandescent/MLV	Smart Dimmer	<input type="checkbox"/> RF9536-N	AW, DS, SG, WS
1000W	Incandescent	Smart Dimmer, (No neutral required)	<input type="checkbox"/> RF9536	AW, DS, SG, WS
1000W	ELV, Fluorescent	Smart Dimmer	<input type="checkbox"/> RF9537-N	AW, DS, SG, WS
—	—	RF Accessory w/LEDs, compatible only with “-N” RF Dimmers	<input type="checkbox"/> RF9542-Z	AW, DS, SG, WS
—	—	Non-RF Accessory w/LEDs, compatible only with RF9534 and RF9536 (No neutral required)	<input type="checkbox"/> RF9542	AW, DS, SG, WS

### Battery Operated Devices

Description	Cat. No.	Color
Battery Operated Switch/Dimmer w/Single Gang Wallplate	<input type="checkbox"/> RF9500	AW, DS, SG, WS
Inner Wallplate for Multi-Gang Applications	<input type="checkbox"/> RFBS22	—

### Switches

Wattage	Lamp Type	Description	Cat. No.	Color
15A	—	Single-Pole	<input type="checkbox"/> RF9501	AW, DS, SG, WS
8A	—	Single-Pole (No neutral required)	<input type="checkbox"/> RF9518	AW, DS, SG, WS
—	—	RF Accessory Switch, compatible only with RF9501	<input type="checkbox"/> RF9517	AW, DS, SG, WS
—	—	Non-RF Accessory w/LED, compatible only with RF9518	<input type="checkbox"/> RF9520	AW, DS, SG, WS

### Receptacles

Wattage	Lamp Type	Description	Cat. No.	Color
15A	—	Split Control Duplex Receptacle	<input type="checkbox"/> RF9505-T	AW, DS, SG, WS
15A	—	Tamper Resistant Split Control Duplex Receptacle	<input type="checkbox"/> RFTR9505-T	AW, DS, SG, WS

### Lighting Control Accessories

Wattage	Lamp Type	Description	Cat. No.	Color
300W	—	Plug-in Lamp Dimming Module	<input type="checkbox"/> RFLDM	White
600W	—	Plug-in Switch Appliance Module	<input type="checkbox"/> RFAPM	White

### Sensor

Wattage	Lamp Type	Description	Cat. No.	Color
—	—	Wall Mount Motion Sensor w/ Photocell and Temperature Sensor	<input type="checkbox"/> RFOSW03	White

### Thermostat

Description	Cat. No.	Color
Energy Management Thermostat	<input type="checkbox"/> RFTSTAT01	White

### Shade Control Module

Description	Cat. No.	Color
DC Shade Control Module	<input type="checkbox"/> RFSCMDC1	—
24V DC power supply	<input type="checkbox"/> PSDC24V	—

### Garage Door Accessories

Description	Cat. No.	Color
Plug-in Gateway Module	<input type="checkbox"/> RFBGD	White
Garage Door Opener Conversion Module	<input type="checkbox"/> RFUGR	White
Keychain Remote Control (Battery operated)	<input type="checkbox"/> RFKGT	White
Wallmount Keypad (Battery operated)	<input type="checkbox"/> RFWGT	White

To indicate color when ordering, add one of the following suffixes to the Catalog Number: AW (Alpine White), DS (Desert Sand), SG (Silver Granite), WS (White Satin). Note: All ASPIRE RF Dimmers are rated for 120V/AC unless otherwise noted. For more information see specification information on page 51.



9534WS

**Features**

- Electro-mechanical push pad for ON/OFF operation with separate DIM/BRIGHT bar
- Preset feature allows user to return to previous light setting when turning lights on
- LED light level display for presetting illumination levels and master/accessory units for multi-location control
- 10 second delayed-off feature by pressing and holding push pad for 2 seconds when dimmer is ON
- Amber LED at bottom of LED display indicates ON/OFF load status
- Seven step green LED display alongside push pad indicates selected light level – and reduces brightness when OFF (night light feature)
- Pressing and holding push pad for 2 seconds when dimmer is off brings light to full brightness without affecting preset levels



9530WS

- Replaces a standard switch and offers dimmer or fan control capabilities
- Digital circuitry provides aesthetically pleasing soft-on/fade-off that extends bulb life
- Neutral is not required for installation of device (excludes Fluorescent Dimmer models)
- Electrostatic discharge protection
- Installation speed enhancements include virtually unbreakable, ultrasonically welded top and backbody, extra-long, extra-wide mounting straps and easy access ground screws
- Power failure memory
- Square law dimming – perceived dimming level is proportional to the slider position.



9534AW

**ASPIRE Dimmers and Fan Controls**

Single-Pole & Multi-location  
600W/VA, 1000W/VA, 8A, 5A, 1.5A  
Incandescent, Magnetic Low-Voltage,  
Electronic Low-Voltage, Fluorescent, Fan Control

**ASPIRE Smart Dimmer**

Wattage	Lamp Type	Description	Cat. No.	Color
600W	Incandescent/MLV	Smart Dimmer, Single-Pole/Multi-location	<input type="checkbox"/> 9534	AW, DS, SG, WS
600W	ELV	Smart Dimmer, Single-Pole/Multi-location	<input type="checkbox"/> 9535	AW, DS, SG, WS
1000W	Incandescent/MLV	Smart Dimmer, Single-Pole/Multi-location	<input type="checkbox"/> 9536	AW, DS, SG, WS
1000W	ELV	Smart Dimmer, Single-Pole/Multi-location	<input type="checkbox"/> 9537	AW, DS, SG, WS
1000VA	Fluorescent (Mark 10", AmbiStar® & Tu-Wire®)	Smart Dimmer, Single-Pole/Multi-location	<input type="checkbox"/> 9580	AW, DS, SG, WS
—	Accessory Unit	Multi-location	<input type="checkbox"/> 9542	AW, DS, SG, WS

To indicate color when ordering, add one of the following suffixes to the Catalog Number: AW (Alpine White), DS (Desert Sand), SG (Silver Granite), WS (White Satin)  
Note: All ASPIRE Dimmers are rated for 120V/AC unless otherwise noted.  
For more information see specification information on page 51.

**Accessory Products****Available Color Options**

Alpine White	Desert Sand
Silver Granite	White Satin

**Load Types**

	Incandescent
	Fluorescent
	Halogen
	Magnetic Low-Voltage
	Electronic Low-Voltage
	3-Speed and Fully Variable Fan Control

**Wiring Types**

	Single-Pole and Multi-Location
	Single-Pole and 3-Way

## Upgrade to the exceptional



9530SG

### ASPIRE Slide Dimmer and Fan Speed Control

Wattage	Lamp Type	Description	Cat. No.	Color
600W/VA	Incandescent/MLV	Dimmer, Single-Pole/3-Way with Preset	<input type="checkbox"/> 9530	AW, DS, SG, WS
600W/VA	ELV	Dimmer, Single-Pole/3-Way with Preset	<input type="checkbox"/> 9531	AW, DS, SG, WS
1000W/VA	Incandescent/MLV	Dimmer, Single-Pole/3-Way with Preset	<input type="checkbox"/> 9532	AW, DS, SG, WS
1000W/VA	ELV	Dimmer, Single-Pole/3-Way with Preset	<input type="checkbox"/> 9533	AW, DS, SG, WS
600W/VA	Incandescent/MLV	Dimmer, Lighted, Single-Pole/3-Way with Preset	<input type="checkbox"/> 9538	AW, DS, SG, WS
600W/VA	ELV	Dimmer, Lighted, Single-Pole/3-Way with Preset	<input type="checkbox"/> 9539	AW, DS, SG, WS
1000W/VA	Incandescent/MLV	Dimmer, Lighted, Single-Pole/3-Way with Preset	<input type="checkbox"/> 9540	AW, DS, SG, WS
1000W/VA	ELV	Dimmer, Lighted, Single-Pole/3-Way with Preset	<input type="checkbox"/> 9541	AW, DS, SG, WS
8A	Fluorescent (Mark 10®, AmbiStar® & Tu-Wire®)	Dimmer, Single-Pole/3-Way with Preset	<input type="checkbox"/> 9568	AW, DS, SG, WS
8A	Fluorescent (Mark 10®)	<small>AVAILABLE SUMMER 2010</small> Dimmer, Single-Pole/3-Way with Preset, 277V	<input type="checkbox"/> 95687	AW, DS, SG, WS
1.5A	Quiet 3-Speed	Fan Speed Control, Single-Pole/3-Way	<input type="checkbox"/> 9544	AW, DS, SG, WS
5A	Fully Variable	Fan Speed Control, Single-Pole/3-Way	<input type="checkbox"/> 9543	AW, DS, SG, WS

To indicate color when ordering, add one of the following suffixes to the Catalog Number: AW (Alpine White), DS (Desert Sand), SG (Silver Granite), WS (White Satin)

Note: All ASPIRE dimmers and fan speed controls are rated for 120V/AC unless otherwise noted.

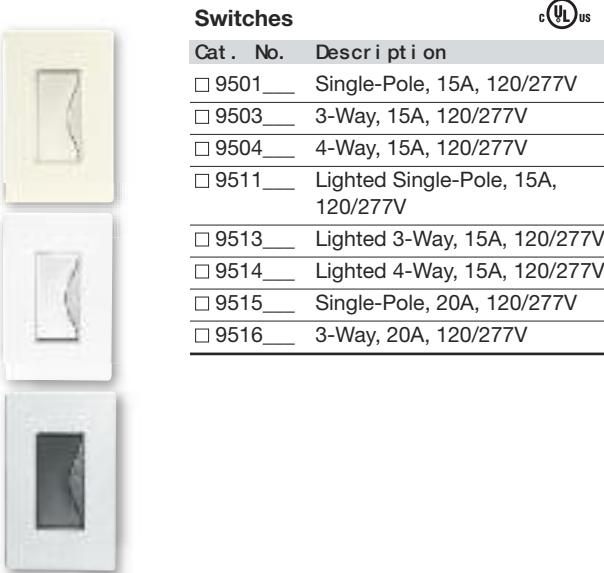
For more information see specification information on page 51.

### Accessory Products

9534SG  
ASPIRE Dimmer9501SG  
ASPIRE Switch9566TRSG  
ASPIRE GFCI9505TRSG  
ASPIRE Receptacle9521SG  
Screwless Wallplate

### Switches

ASPIRE switches are available in a variety of configurations, 15A and 20A models that can be used for either 120 or 277 volts. When you add our performance -improving technical features like backwire clamps on the terminal screws, you have a switch that not only looks great, but is easy to install and delivers high performance.



#### Switches

Cat. No.	Description
<input type="checkbox"/> 9501	Single-Pole, 15A, 120/277V
<input type="checkbox"/> 9503	3-Way, 15A, 120/277V
<input type="checkbox"/> 9504	4-Way, 15A, 120/277V
<input type="checkbox"/> 9511	Lighted Single-Pole, 15A, 120/277V
<input type="checkbox"/> 9513	Lighted 3-Way, 15A, 120/277V
<input type="checkbox"/> 9514	Lighted 4-Way, 15A, 120/277V
<input type="checkbox"/> 9515	Single-Pole, 20A, 120/277V
<input type="checkbox"/> 9516	3-Way, 20A, 120/277V

### GFCI and Receptacles

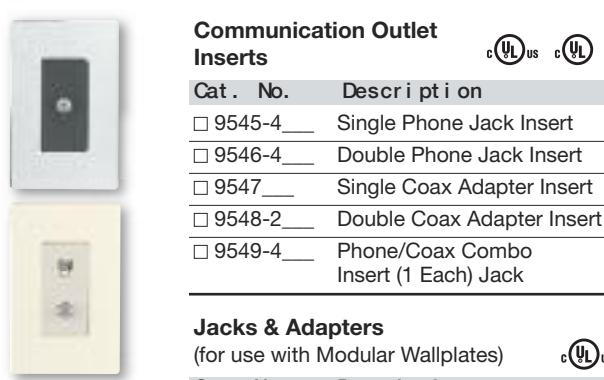
ASPIRE Ground Fault Circuit Interrupters feature our patented correct wiring/trip indicator light technology, making certain that every installation is properly wired to provide optimal protection. ASPIRE receptacles have an oversized strap that provides a solid base for mounting an virtually eliminates "floating" installations. A host of installer-friendly features save labor and ensure firm connections and dependable service.



Tamper Resistant Receptacles & GFCIs	
Cat. No.	Description
<input type="checkbox"/> 9505TR	TR Duplex 15A, 125V
<input type="checkbox"/> 9507TR	TR Single 15A, 125V
<input type="checkbox"/> 9508TR	TR Single 20A, 125V
<input type="checkbox"/> 9510TR	TR Duplex 20A, 125V
<input type="checkbox"/> 9566TR	TR GFCI 15A, 125V
<input type="checkbox"/> 9569TR	TR GFCI 20A, 125V

### Data and Communication Outlets

ASPIRE communication outlets prepare any home or small office for connectivity to phone, video, TV and network/internet services. Combine ASPIRE with Cooper Wiring Devices' MediaSync™ line of Home Networking and Control Products for a well connected home.



#### Communication Outlet Inserts

Cat. No.	Description
<input type="checkbox"/> 9545-4	Single Phone Jack Insert
<input type="checkbox"/> 9546-4	Double Phone Jack Insert
<input type="checkbox"/> 9547	Single Coax Adapter Insert
<input type="checkbox"/> 9548-2	Double Coax Adapter Insert
<input type="checkbox"/> 9549-4	Phone/Coax Combo Insert (1 Each) Jack

#### Jacks & Adapters

Cat. No.	Description
<input type="checkbox"/> 9555	Coax F-Connector
<input type="checkbox"/> 9556	Cat 3 Telephone Jack
<input type="checkbox"/> 9557	Cat 5e Data Jack
<input type="checkbox"/> 9558	Blank Insert

### ASPIRE Screwless Wallplates

ASPIRE screwless wallplates are designed for easy and fast installation – simply screw the mounting plate onto the wiring device and press the wallplate into place. And, the clean, streamlined look of ASPIRE screwless wallplates can be changed in seconds if a new color is desired.



Mid-Size Screwless Wallplates	
Cat. No.	Description
<input type="checkbox"/> 9521	Single Gang
<input type="checkbox"/> 9522	2-Gang
<input type="checkbox"/> 9523	3-Gang
<input type="checkbox"/> 9524	4-Gang
<input type="checkbox"/> 9525	5-Gang
<input type="checkbox"/> 9526	6-Gang
<input type="checkbox"/> 9527	Blank Insert

Modular Wallplates	
<input type="checkbox"/> 9550	1-Port Wallplate
<input type="checkbox"/> 9551	2-Port Wallplate
<input type="checkbox"/> 9552	3-Port Wallplate
<input type="checkbox"/> 9553	4-Port Wallplate
<input type="checkbox"/> 9554	6-Port Wallplate

To indicate color when ordering, add one of the following suffixes to the Catalog Number: AW (Alpine White), DS (Desert Sand), SG (Silver Granite), WS (White Satin)

## ACCELL Dimmers

Single-Pole & Multi-location  
600W/VA, 1000W/VA  
Incandescent, Magnetic Low-Voltage, Fluorescent



AIM10-W

## Features

- Electro-mechanical push pad for ON/OFF operation with separate DIM/BRIGHT bar
- Push pad design provides minimal travel and crisp actuation
- Preset feature allows user to return to previous light setting when turning lights on
- LED light level display for presetting illumination levels and master/accessory units for multi-location control
- Amber LED at bottom of LED display indicates ON/OFF load status
- Seven step green LED display alongside push pad indicates selected light level – and reduces brightness when OFF (night light feature)
- Pressing and holding push pad for 2 seconds when dimmer is off brings light to full brightness without affecting preset levels
- Offers a 10 second delayed-off feature by pressing and holding push pad for 2 seconds when dimmer is on
- Replaces a standard switch and offers dimmer capabilities
- Digital circuitry provides aesthetically pleasing soft-on/fade-off that extends lamp life
- Neutral is not required for installation of device (excluding Fluorescent Dimmer models)
- Incandescent and Magnetic Low-Voltage offered in single unit version
- Installation speed enhancements include virtually unbreakable, ultrasonically welded top and backbody, extra-long, extra-wide mounting straps and easy access ground screws
- Air-gap switch disconnects power from load, forcing an OFF condition
- Radio Frequency Interference (RFI) filtering for radio, audio and video equipment
- Power failure memory
- Electrostatic discharge protection
- Square law dimming – perceived dimming level is proportional to the slider position
- Color change kits are available to allow for quick changes and less inventory
- Tri-color packaged versions offered which provide one unit box with three color faceplates
- Compatible with any decorator wallplate

## Experience ambience and enjoy energy savings

ACCELL offers a contemporary styling with decorator matching aesthetics, accurate digital light control and color change kits for a simple and exceptional finishing touch.



AIM10-LA

cULus NOM 426

## ACCELL Smart Dimmer

Wattage	Lamp Type	Description	Cat. No.	Color
1000W/VA	Incandescent/MLV	Single-Pole/Multi-location Smart Master Dimmer with Preset and LEDs	<input type="checkbox"/> AIM10-__	A, B, BK, C1, C2, GY, LA, V, W
1000VA	Fluorescent (Mark 10 <sup>®</sup> , AmbiStar <sup>®</sup> & Tu-Wire <sup>®</sup> )	Single-Pole/Multi-location Smart Master Dimmer with Preset and LEDs	<input type="checkbox"/> AF10-__	A, B, BK, C1, C2, GY, LA, V, W
—	—	Multi-location Accessory Dimmer with Preset and LEDs	<input type="checkbox"/> ARD-__	A, B, BK, C1, C2, GY, LA, V, W
—	—	Master Dimmer Change Kit	<input type="checkbox"/> AMC-__-BP	A, B, BK, GY, LA, V, W
—	—	Accessory Dimmer Change Kit	<input type="checkbox"/> ARC-__-BP	A, B, BK, GY, LA, V, W

To indicate color when ordering, add one of the following suffixes to the Catalog Number: A (Almond), B (Brown), BK (Black), C1 (Color Change Kit - Almond, White, Ivory), C2 (Color Change Kit - White, Light Almond, Ivory), GY (Gray), LA (Light Almond), V (Ivory), W (White)

Note: All ACCELL dimmers and fan speed controls are rated for 120V/AC unless otherwise noted.

For more information see specification information on page 51.

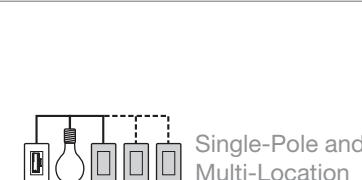
## Available Color Options



## Load Types

- Incandescent
- Fluorescent
- Halogen
- Magnetic Low-Voltage

## Wiring Types



## Accessory Products



## DEVINE Dimmers and Fan Controls

Single-Pole & 3-Way  
600W/VA, 1000W/VA, 8A, 1.5A  
Incandescent, Magnetic Low-Voltage, Electronic Low-Voltage,  
Fluorescent, Fan Control



DI06P-W

### Features

- Preset feature allows user to return to previous light setting when turning lights on
- Integrated linear slide control for easy, precise operation
- All units are available in combined Single-Pole/3-Way versions
- Incandescent and Magnetic Low-Voltage offered in single unit version
- Neutral is not required for installation of device
- Replaces a standard switch and offers dimmer capabilities
- Square law dimming - perceived dimming level is proportional to the slider position
- Power failure memory
- Radio Frequency Interface (RFI) filtering is standard on all models
- Electrostatic discharge protection
- Precise color matching
- Quiet Fan Speed Control version has special circuitry to reduce fan motor noise at low speeds
- Compatible with any decorator wallplate or screwless wallplate

## The finishing touch to your decorator installation

DEVINE dimmers offer the ideal solution with a contemporary design, accurate light level control, combined Single-Pole / 3-Way units, broad color selection and compatibility with popular lamp types.



DI06P-A

UL us NOM 426

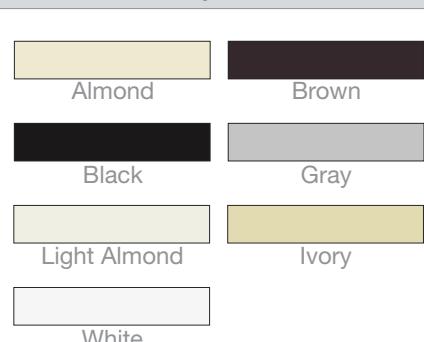
### DEVINE Slide Dimmer and Fan Control

Wattage	Lamp Type	Descriptions	Cat. No.	Color
600W/VA	Incandescent/MLV	Dimmer, Single-Pole & 3-Way with Preset	<input type="checkbox"/> DI06P-__	A, B, BK, GY, LA, V, W
1000W/VA	Incandescent/MLV	Dimmer, Single-Pole & 3-Way with Preset	<input type="checkbox"/> DI10P-__	A, B, BK, GY, LA, V, W
600W	ELV	Dimmer, Single-Pole & 3-Way with Preset	<input type="checkbox"/> DE06P-__	A, B, BK, GY, LA, V, W
8A	Fluorescent (Mark 10 <sup>®</sup> , AmbiStar <sup>®</sup> & Tu-Wire <sup>®</sup> )	Dimmer, Single-Pole & 3-Way with Preset	<input type="checkbox"/> DF8AP-__	A, B, BK, GY, LA, V, W
8A	Fluorescent (Mark 10 <sup>®</sup> ) <small>AVAILABLE SUMMER 2010</small>	Dimmer, Single-Pole & 3-Way with Preset, 277V	<input type="checkbox"/> DF8AP7-__	A, B, BK, GY, LA, V, W
1.5A	Quiet 3-Speed	Fan Speed Control, Single-Pole & 3-Way	<input type="checkbox"/> DFS15P-__	A, B, BK, GY, LA, V, W

To indicate color when ordering, add one of the following suffixes to the Catalog Number:  
A (Almond), B (Brown), BK (Black), GY (Gray), LA (Light Almond), V (Ivory), W (White)

Note: All DEVINE dimmers and fan speed controls are rated for 120V/AC unless otherwise noted.  
For more information see specification information on page 50.

### Available Color Options



### Load Types

	Incandescent
	Fluorescent
	Halogen
	Magnetic Low-Voltage
	Electronic Low-Voltage
	3-Speed Fan Control

### Wiring Types



Single-Pole and 3-Way

### Accessory Products



## SKYE Dimmers and Fan Controls

Single-Pole & 3-Way  
600W/VA, 1000W/VA, 8A, 5A, 1.5A  
Incandescent, Magnetic Low-Voltage, Fluorescent, Fan Control



SI06P-W

### Available Color Options

Almond	Brown
Black	Gray
Light Almond	Ivory
White	

### Load Types

	Incandescent
	Fluorescent
	Halogen
	Magnetic Low-Voltage
	3-Speed and Fully Variable Fan Control

### Wiring Types

	Single-Pole
	Single-Pole and 3-Way

## Sleek, functional and economical

SKYE dimmers coordinate perfectly with decorator devices and offer unprecedented features with precise slide control of light levels for numerous lamp types with a wide-range of color choices and easy to wire Single-Pole / 3-Way combo units.



SI06P-V

cULus

NOM

426

### SKYE Slide Dimmer and Fan Control

Wattage	Lamp Type	Description	Cat. No.	Color
600W	Incandescent	Dimmer, Single-Pole Non-Preset	<input type="checkbox"/> SI061-	A, B, BK, GY, LA, V, W
600W/VA	Incandescent/MLV	Dimmer, Single-Pole & 3-Way, LED with Preset	<input type="checkbox"/> SI06P-	A, B, BK, GY, LA, V, W
1000W/VA	Incandescent/MLV	Dimmer, Single-Pole & 3-Way, LED with Preset	<input type="checkbox"/> SI10P-	A, B, BK, GY, LA, V, W
8A	Fluorescent (Mark 10 <sup>®</sup> , AmbiStar <sup>®</sup> & Tu-Wire <sup>®</sup> )	Dimmer, Single-Pole & 3-Way, LED with Preset	<input type="checkbox"/> SF8AP-	A, B, BK, GY, LA, V, W
8A	Fluorescent (Mark 10 <sup>®</sup> )	Dimmer, Single-Pole & 3-Way, LED with Preset, 277V <small>AVAILABLE SUMMER 2010!</small>	<input type="checkbox"/> SF8AP7-	A, B, BK, GY, LA, V, W
1.5A/300W	Quiet 3-speed	Dual Dimmer, Single-Pole, Fan Speed Control	<input type="checkbox"/> SDC15-	A, B, BK, GY, LA, V, W
1.5A	Quiet 3-speed	Fan Speed Control, Single-Pole & 3-Way with Preset	<input type="checkbox"/> SFS15P-	A, B, BK, GY, LA, V, W
5A	Fully Variable	Fan Speed Control, Single-Pole	<input type="checkbox"/> SFS5-	A, B, BK, GY, LA, V, W
5A	Fully Variable	Fan Speed Control, Single-Pole & 3-Way with Preset	<input type="checkbox"/> SFS5P-	A, B, BK, GY, LA, V, W

To indicate color when ordering, add one of the following suffixes to the Catalog Number:

A (Almond), B (Brown), BK (Black), GY (Gray), LA (Light Almond), V (Ivory), W (White)

Note: All SKYE dimmers and fan speed controls are rated for 120V/AC unless otherwise noted.

For more information see specification information on page 50.

### Accessory Products





# CORE

LIGHTING CONTROLS



pg. 26



pg. 28



pg. 30

## Operation

Preset (ON/OFF switch)	●			
Non-Preset	●	●		●

## Locator Light

Lighted Models	●			●
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## Multi-Location Control

Single-Pole and 3-Way	●			●
Single-Pole Only		●		●

## Wiring

6" Pre-stripped Wireleads	●	●		●
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## Wattage / Lamp Type

600W Incandescent	●			●
1000W Incandescent	●	●		●
1500W Incandescent		●		●
2000W Incandescent		●		

## Fan Control

Quiet 3-speed	●			
Fully Variable	●			●
Dual Fan/Light	●			

## Colors

Almond, Black, Brown, Gray, Ivory, Light Almond, White	●*			●
Ivory, White		●†		

\* Brown, Black and Gray offered in color change kits only for REACT dimmers.

† Color change kits offered individually

## REACT Dimmers and Fan Controls

Single-Pole & 3-Way  
600W, 1000W, 5A, 1.5A  
Incandescent, Fan Control



RI06P-W

### Features

- Integrated rotary dial for ON/OFF and DIM/BRIGHT operation
- Preset versions offer Single-Pole and 3-Way wiring in a single unit
- Preset feature allows user to return to previous light setting when turning lights on
- Replaces a standard switch and offers dimmer capabilities
- Fully variable fan control allows for precise fan speed setting
- Quiet 3-speed fan control allows for Low, Medium and High fan speed settings
- Power failure memory
- Radio Frequency Interference (RFI) filtering for radio, audio and video equipment
- Electrostatic discharge protection
- Square law dimming – perceived dimming level is proportional to the rotary position
- Precise color matching
- Compatible with any traditional switch, wallplate or screwless wallplate

## Reliable & effortless control

REACT dimmers are built to perform and deliver precise control of light levels for traditional lamp types with the ability to work as a Single-Pole or 3-Way unit.



RI06P-W



REACT Rotary Dimmer and Fan Speed Control

Wattage	Lamp Type	Description	Cat. No.	Color
600W	Incandescent	Dimmer, Single-Pole Non-Preset	<input type="checkbox"/> RI061-__	A, LA, V, W
1000W	Incandescent	Dimmer, Single-Pole Non-Preset	<input type="checkbox"/> RI101-__	A, LA, V, W
600W	Incandescent	Dimmer, Single-Pole/3-Way Preset	<input type="checkbox"/> RI106P-__	A, LA, V, W
600W	Incandescent	Dimmer Lighted, Single-Pole/3-Way Preset	<input type="checkbox"/> RI106PL-__	A, LA, V, W
1.5A	Quiet 3-speed	Fan Speed Control, Single-Pole Non-Preset	<input type="checkbox"/> RFS15-__	A, LA, V, W
5A	Fully Variable	Fan Speed Control, Single-Pole Non-Preset	<input type="checkbox"/> RFS5-__	A, LA, V, W
—	—	Replacement Knobs for Lighted Rotary Dimmer (RI06PL)	<input type="checkbox"/> RKRL-__-BP	A, B, BK, GY, LA, V, W
—	—	Replacement Knobs for Rotary Dimmers (RI061, RI101, RI06P)	<input type="checkbox"/> RKRD-__-BP	A, B, BK, GY, LA, V, W
—	—	Replacement Knobs for Rotary Fan Control (RFS15, RFS5)	<input type="checkbox"/> RKRC-__-BP	A, B, BK, GY, LA, V, W

To indicate color when ordering, add one of the following suffixes to the Catalog Number:

A (Almond), B (Brown), BK (Black), GY (Gray), LA (Light Almond), V (Ivory), W (White)

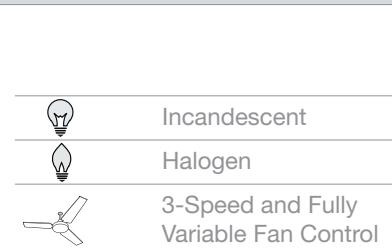
Note: All rotary dimmers and fan speed controls are rated for 120V/AC unless otherwise noted.

For more information see specification information on page 50.

### Available Color Options



### Load Types



### Wiring Types



### Accessory Products



## Architectural Rotary Dimmers

Single-Pole  
1000W, 1500W, 2000W  
Incandescent



RAI10-W

### Features

- No neutral required for installation
- Snap-on Decorator screwless wallplate cover hides heat fins
- Color-matched dimmer control knob with silver or gold insert for an attractive appearance in any installation
- Snap-off fins permit easy ganging with other devices
- Classic rotary architectural-style dimmer
- Available in Rotary ON/OFF (Non-Preset)
- Slim, compact housing easily fits in standard wall box
- Large radio/TV interference filter
- Includes screwless wallplate

### Heavy-duty design and construction ideal for commercial applications

Architectural Rotary dimmers are designed for high power loads, with digital state-of-the art technology and feature classic architectural fin design with sleek screwless snap-on covers.



RAI10-W



### Architectural Rotary Dimmer

Wattage	Lamp Type	Description	Cat. No.	Color
1000W	Incandescent	Dimmer, Single-Pole Non-Preset	<input type="checkbox"/> RAI10-__	W
1500W	Incandescent	Dimmer, Single-Pole Non-Preset	<input type="checkbox"/> RAI15-__	W
2000W	Incandescent	Dimmer, Single-Pole Non-Preset	<input type="checkbox"/> RAI20-__	W
—	—	Color Change Kit, 1K Watt Version Ivory Cover/Knob with Gold Insert, White Cover/Knob with Silver Insert	<input type="checkbox"/> RAC1-__	V, W
—	—	Color Change Kit, 1.5/2K Watt Version Ivory Cover/Knob with Gold Insert, White Cover/Knob with Silver Insert	<input type="checkbox"/> RAC2-__	V, W

To indicate color when ordering, add one of the following suffixes to the Catalog Number: V (Ivory), W (White)

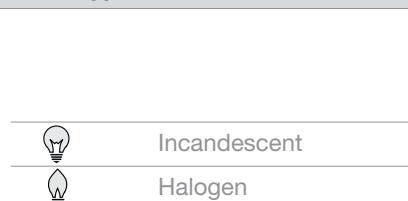
Note: All Architectural Rotary dimmers are rated for 120V/AC unless otherwise noted.

For more information see specification information on page 50.

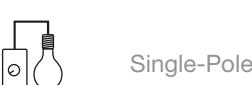
### Available Color Options



### Load Types



### Wiring Types



### Accessory Products



**TRACE Dimmers and Fan Controls**

Single-Pole & 3-Way  
600W, 1000W, 5A  
Incandescent, Fan Control

**Features**

- Integrated toggle switch for ON/OFF and DIM/BRIGHT operation
- Single-Pole and 3-Way wiring offered in a single unit
- Matches existing wall switches
- Replaces a standard switch and offers dimmer capabilities
- Fully variable fan control allows for precise fan speed setting
- Radio Frequency Interference (RFI) filtering for radio, audio and video equipment
- Power failure memory
- Electrostatic discharge protection
- Square law dimming – perceived dimming level is proportional to the slider position
- Precise color matching
- Compatible with any traditional switch, wallplate or screwless wallplate



TI061-W

**Simple and intuitive**

TRACE dimmers provide user-friendly light control with combination single-pole / 3-Way units enclosed in a clean, traditional aesthetic that blends with any décor.



TI061-W

UL NOM 426

**TRACE Toggle and Fan Speed Control**

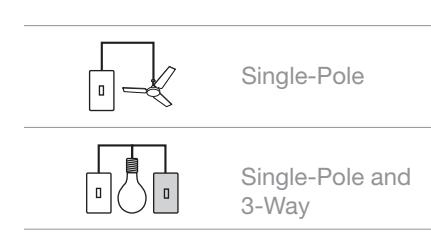
Wattage	Lamp Type	Description	Cat. No.	Color
600W	Incandescent	Dimmer, Single-Pole/3-Way Non-Preset	<input type="checkbox"/> TI061	A, B, BK, LA, V, W
1000W	Incandescent	Dimmer, Single-Pole/3-Way Non-Preset	<input type="checkbox"/> TI3101	A, B, BK, LA, V, W
600W	Incandescent	Dimmer Lighted, Single-Pole/3-Way Non-Preset	<input type="checkbox"/> TI061L	A, B, BK, LA, V, W
1000W	Incandescent	Dimmer Lighted, Single-Pole/3-Way Non-Preset	<input type="checkbox"/> TI3101L	A, B, BK, LA, V, W
5A	Fully Variable	Fan Speed Control, Single-Pole Non-Preset	<input type="checkbox"/> TFS5	A, B, BK, LA, V, W

To indicate color when ordering, add one of the following suffixes to the Catalog Number: A (Almond), B (Brown), BK (Black), LA (Light Almond), V (Ivory), W (White). Note: All TRACE dimmers and fan speed controls are rated for 120V/AC unless otherwise noted.

For more information see specification information on page 50.

**Available Color Options****Load Types**

	Incandescent
	Halogen
	Fully Variable Fan Control

**Wiring Types****Accessory Products**



# CORE

LIGHTING CONTROLS

SAVANT  
Switch



pg. 34

SAVANT  
Dual Relay



pg. 36

SAVANT  
Dimmer



pg. 38

Standard Series  
Switch



pg. 40

## Mechanical

Dimmer			●	
Two Push Button Switches (Dual Relay)		●		
Single Push Button Switch	●		●	
Single Slider or Push Button Switch				●

## Operation

Auto-on/Auto-off & Manual On/Auto-off	●	●	●	●
Manual On/Auto-off Only (Vacancy Sensor - Title 24)	●	●	●	●

## LED

LED Locator with Motion Indication and Light Level Indicators			●	
LED Locator with Motion Indication	●	●		
Selectable Nightlight with Dimming	●	●		

## Multi-Location Control

Single-Pole and 3-Way	●	●		●
Single-Pole Only			●	●

## Wiring

6" Pre-striped Wireleads	●	●	●	●
Neutral Required	●	●	●	●

## Wattage / Lamp Type

500W Incandescent & Rapid Start Fluorescent				●
600W/VA Incandescent & MLV			●	
1000W/VA Incandescent, MLV, ELV, Magnetic & Electronic Ballast, CFL, LED	●	●		

## Horsepower

1/2 HP	●	●		
1/6 HP			●	
1/8 HP				●

## Coverage Area

180 Degrees / 1000 sq.ft. (Major)	●	●	●	
150 Degrees / 900 sq.ft. (Major)				●

## Features

Adjustable Time Delay	●	●	●	●
Adjustable Ambient Light Level	●	●	●	●
Walk Through Delay	●	●	●	●
Reverse Mode	●	●	●	●
Override Mode	●	●	●	●
Color Matched PIR Lens	●	●	●	

## Colors

Almond, Black, Gray, Ivory, Light Almond, White	●*	●*	●*	
Almond, Ivory, Light Almond, White				●†

\* Color change kits offered individually.

† Vacancy version offered in all four colors.

**SAVANT Sensor Switch**

Single-Pole & 3-Way  
1000W/VA  
Incandescent, Magnetic Low-Voltage, Electronic Low-Voltage,  
Fluorescent, Compact Fluorescent, LED

**Features**

- Can be wired as a Single-Pole or 3-Way device
- Selectable ON/OFF LED nightlight with press and hold dimming function
- Works with all popular load types: Incandescent, Magnetic Low-Voltage, Electronic Low-Voltage, Fluorescent, CFL and LED
- Green LED indicates load status, provides locator light in dark and blinks to indicate motion detection
- Push pad design provides minimal travel and crisp actuation
- Selectable time delay of 5 seconds (test), 5 minutes, 15 minutes and 30 minutes for lights to remain on after room is vacated
- Occupancy Sensors time delay default set to 5 minutes; Vacancy Sensors time delay default set to 30 minutes
- Occupancy Sensor provides a selectable ambient light override preventing lights from switching ON when there is acceptable natural light
- Occupancy Sensor Version allows to toggle between Auto-on/Auto-off or Manual ON/Auto-off mode with a simple press and hold of switch
- Uniform color matched PIR lens to device housing
- Replaces a standard light or fan switch
- Provides 180 degree field of view and 1000 sq. ft. of major motion coverage
- Provides true 3-Way operation when used with a 3-Way switch or sensor
- Occupancy Sensor provides for a bypass feature to allow the sensor to perform as a traditional switch (Manual ON/Manual OFF)
- Vacancy Sensor meets California 2008 Title 24
- Walk-in-Delay feature allows sensor to turn lights off without time delay when motion is detected briefly in room
- Reverse Mode allows light to stay off in a room when motion is detected
- Electrostatic discharge protection
- Zero crossing relay control
- No leakage to load in off mode
- Color change faceplate kits provide for a simple in field change
- Mid-Size Decorator wallplate included with product
- Neutral required for installation of device



OS310U-W

**Reduce energy use and cut utility costs**

SAVANT sensors are ideal for any application with universal load and wiring compatibility, selectable and dimmable nightlight and unparalleled mode features.



OS310U-LA

**SAVANT Occupancy/Vacancy Sensor Switch**

Wattage	Lamp Type	Description	Cat. No.	Color
1000W/VA	Incandescent, MLV, ELV Fluorescent, CFL, LED	Occupancy Sensor Switch with Nightlight and LED, Single-Pole/3-Way	<input type="checkbox"/> OS310U-____	A, BK, GY, LA, V, W
1000W/VA	Incandescent, MLV, ELV Fluorescent, CFL, LED	Vacancy Sensor Switch with Nightlight and LED, Single-Pole/3-Way	<input type="checkbox"/> VS310U-____	A, BK, GY, LA, V, W
—	—	Color Change Kit	<input type="checkbox"/> SCK1-____-BP	A, BK, GY, LA, V, W

To indicate color when ordering, add one of the following suffixes to the Catalog Number: A (Almond), BK (Black), GY (Gray), LA (Light Almond), V (Ivory), W (White). Note: All SAVANT sensors are rated for 120V/AC unless otherwise noted. Each device includes decorator mid-size wallplate. For more information see specification information on page 51.

**Available Color Options****Load Types**

	Incandescent
	Fluorescent
	CFL
	Halogen
	Magnetic Low-Voltage
	Electronic Low-Voltage
	LED

**Wiring Types****Accessory Products**

**SAVANT Sensor Dual Switch**

Single-Pole & 3-Way  
1000W/VA  
Incandescent, Magnetic Low-Voltage, Electronic Low-Voltage, Fluorescent, Compact Fluorescent, LED

**Features**

- Can be wired as a Single-Pole or 3-Way device
- Selectable ON/OFF LED nightlight with press and hold dimming function
- Works with all popular load types: Incandescent, Magnetic Low-Voltage, Electronic Low-Voltage, Fluorescent, CFL and LED
- Contains two switches to control two independent lighting loads or circuits (light and/or fan)
- Green LED indicates load status, provides locator light in dark and blinks to indicate motion detection
- Push pad design provides minimal travel and crisp actuation
- Selectable time delay of 5 seconds (test), 5 minutes, 15 minutes and 30 minutes for lights to remain on after room is vacated
- Occupancy Sensors time delay default set to 5 minutes; Vacancy Sensors time delay default set to 30 minutes
- Occupancy Sensor provides a selectable ambient light override preventing lights from switching ON when there is acceptable natural light
- Occupancy Sensor Version allows to toggle between Auto-on/Auto-off or Manual ON/Auto-off mode with a simple press and hold of switch
- Uniform color matched PIR lens to device housing
- Replaces a standard light or fan switch
- Provides 180 degree field of view and 1000 sq. ft. of major motion coverage
- Provides true 3-Way operation when used with a 3-Way switch or sensor
- Occupancy Sensor provides for a bypass feature to allow the sensor to perform as a traditional switch (Manual ON/Manual OFF)
- Walk-in-Delay feature allows sensor to turn lights off without time delay when motion is detected briefly in room
- Reverse Mode allows light to stay off in a room when motion is detected
- Electrostatic discharge protection.
- Zero crossing relay control
- No leakage to load in off mode
- Vacancy Sensor meets California 2008 Title 24
- Color change faceplate kits provide for a simple in field change
- Mid-Size Decorator wallplate included with product
- Neutral required for installation of device



OS310R-W

**Provides peace of mind and savings**

SAVANT dual relay sensors are the perfect solution for single point control of two loads from one location and offer unmatched flexibility with nightlight, universal load and wiring compatibility and numerous mode features.



OS310R-V

**SAVANT Occupancy/Vacancy Sensor Dual Switch**

Wattage	Lamp Type	Description	Cat. No.	Color
1000W/VA	Incandescent, MLV, ELV, Fluorescent, CFL, LED	Occupancy Sensor Dual Switch with Nightlight and LED, Single-Pole/3-Way	<input type="checkbox"/> OS310R-____	A, BK, GY, LA, V, W
1000W/VA	Incandescent, MLV, ELV, Fluorescent, CFL, LED	Vacancy Sensor Dual Switch with Nightlight and LED, Single-Pole/3-Way	<input type="checkbox"/> VS310R-____	A, BK, GY, LA, V, W
—	—	Color Change Kit	<input type="checkbox"/> SCKR-____-BP	A, BK, GY, LA, V, W

To indicate color when ordering, add one of the following suffixes to the Catalog Number: A (Almond), BK (Black), GY (Gray), LA (Light Almond), V (Ivory), W (White)  
Note: All sensors are rated for 120V/AC unless otherwise noted. Each device includes decorator mid-size wallplate.  
For more information see specification information on page 51.

**Available Color Options**

Almond	Gray
Black	Light Almond
Ivory	White

**Load Types**

	Incandescent
	Fluorescent
	CFL
	Halogen
	Magnetic Low-Voltage
	Electronic Low-Voltage
	LED

**Wiring Types**


Single-Pole and 3-Way

**Accessory Products**


**SAVANT Sensor Dimmer**

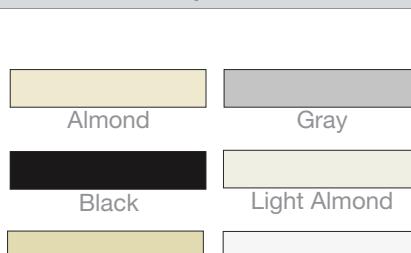
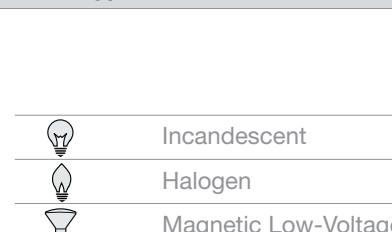
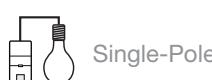
Single-Pole  
1000W/VA  
Incandescent, Magnetic Low-Voltage

**Features**

- Full-range Preset dimming control provided with horizontal dim/bright bar
- Digital circuitry provides aesthetically pleasing soft-on/fade off that extends bulb life
- Preset and light level change is easily shown with horizontal row of green LEDs
- Works with popular load types: Halogen, Incandescent and Magnetic Low-Voltage
- Single green LED indicates load status, provides locator light in dark and blinks to indicate motion detection
- LED serves as Air-gap switch disconnecting power from load, forcing an OFF condition
- Push pad design provides minimal travel and crisp actuation
- Selectable time delay of 5 seconds (test), 5 minutes, 15 minutes and 30 minutes for lights to remain on after room is vacated
- Occupancy Sensors time delay default set to 5 minutes; Vacancy Sensors time delay default set to 30 minutes
- Occupancy Sensor provides a selectable ambient light override preventing lights from switching ON when there is acceptable natural light
- Uniform color matched PIR lens to device housing
- Occupancy Sensor Version allows to toggle between Auto-on/Auto-off or Manual ON/Auto-off mode with a simple press and hold of switch
- Replaces a standard light or fan switch
- Provides 180 degree field of view and 1000 sq. ft. of major motion coverage
- Occupancy Sensor provides for a bypass feature to allow the sensor to perform as a traditional switch (Manual ON/Manual OFF)
- Walk-in-Delay feature allows sensor to turn lights off without time delay when motion is detected briefly in room
- Reverse Mode allows light to stay off in a room when motion is detected
- Electrostatic discharge protection
- Zero crossing relay control
- No leakage to load in off mode
- Vacancy Sensor meets California 2008 Title 24
- Color change faceplate kits provide for a simple in field change
- Mid-Size Decorator wallplate included with product
- Neutral required for installation of device



OS106D1-W

**Available Color Options****Load Types****Wiring Types****The ultimate energy saving solution**

SAVANT dimmers offer exceptional value with the perfect marriage of motion activation convenience and adjustable light level control all elegantly packaged in a single device.



OS10GD1-GY

**SAVANT Occupancy/Vacancy Sensor Dimmer**

Wattage	Lamp Type	Description	Cat. No.	Color
600W/VA	Incandescent, MLV	Occupancy Sensor & Dimmer with LEDs, Single-Pole	<input type="checkbox"/> OS106D1-__	A, BK, GY, LA, V, W
600W/VA	Incandescent, MLV	Vacancy Sensor & Dimmer with LEDs, Single-Pole	<input type="checkbox"/> VS3106D1-__	A, BK, GY, LA, V, W
—	—	Color Change Kit	<input type="checkbox"/> SCKD-__-BP	A, BK, GY, LA, V, W

To indicate color when ordering, add one of the following suffixes to the Catalog Number: A (Almond), BK (Black), GY (Gray), LA (Light Almond), V (Ivory), W (White)  
Note: All SAVANT sensors are rated for 120V/AC unless otherwise noted. Each device includes decorator mid-size wallplate.  
For more information see specification information on page 51.

**Accessory Products**

## Standard Series Sensor Switch

Single-Pole & 3-Way  
500W/400W  
Incandescent, Fluorescent (Rapid Start Ballast)



6105W

### Features

- Replaces a standard light or fan switch
- Occupancy Sensors provide up to 150 degree field of view and 900 sq. ft. of major motion coverage
- Vacancy Sensors provide up to 180 degree field of view and 450 sq. ft. of major motion coverage
- No neutral required for installation of device provides ideal retrofit solution
- Can be wired as a single-pole or 3-Way device
- Works with Incandescent loads and fluorescent magnetic ballasts only
- Selectable time delay of 5 seconds to 20 minutes for lights to remain on after room is vacated
- Occupancy Sensor provides a selectable ambient light override preventing lights from switching ON when there is acceptable natural light.
- Occupancy Sensor Version allows to toggle between Auto-on/Auto-off or Manual ON/Auto-off mode
- Occupancy Sensor provides for a bypass feature to allow the sensor to perform as a traditional switch (Manual ON/Manual OFF)
- Walk-in-Delay feature allows sensor to turn lights off without time delay when motion is detected briefly in room
- Electrostatic discharge protection.
- No leakage to load in off mode
- Compact housing fits easily into a standard wallbox and is suitable for multi-gang installations.
- Compatible with decorator-style wallplates and designer screwless wallplates
- High-gloss finish complements any decor.
- Decorator wallplate included with product

### Simple and affordable solution to save energy

Standard Series sensors work with traditional loads with simple control features and configurable settings.



6105W

### Standard Series Occupancy / Vacancy Sensor Switch

Rating	Lamp Type	Description	Cat. No.	Color
500W/400W	Incandescent, Fluorescent Rapid Start Ballast	Occupancy Sensor Switch, Single-Pole	<input type="checkbox"/> 6105	V, W
500W/400W	Incandescent, Fluorescent Rapid Start Ballast	Occupancy Sensor Switch, 3-Way	<input type="checkbox"/> 6107	V, W
500W/400W	Incandescent, Fluorescent Rapid Start Ballast	Vacancy Sensor Switch, Single-Pole/3-Way	<input type="checkbox"/> VSIR04	A, LA, V, W

To indicate color when ordering, add one of the following suffixes to the Catalog Number: A (Almond), LA (Light Almond), V (Ivory), W (White)  
Note: All Standard Series sensors are rated for 120VAC unless otherwise noted. Each device includes decorator wallplate.  
For more information see specification information on page 51.

#### Available Color Options

#### Load Types

#### Wiring Types

Available Color Options	Load Types	Wiring Types
Almond	Incandescent	Single-Pole
Light Almond	Halogen	Single-Pole and 3-Way
White	Fluorescent	
Ivory		

#### Accessory Products

OS310R-W SAVANT Sensor	OS310U-W SAVANT Sensor	OS106D1-W SAVANT Sensor	VSIR04 Vacancy Sensor	PJS26W Screwless Wallplate

## Power Extenders

1920W/VA  
Incandescent, Magnetic Low-Voltage, Fluorescent

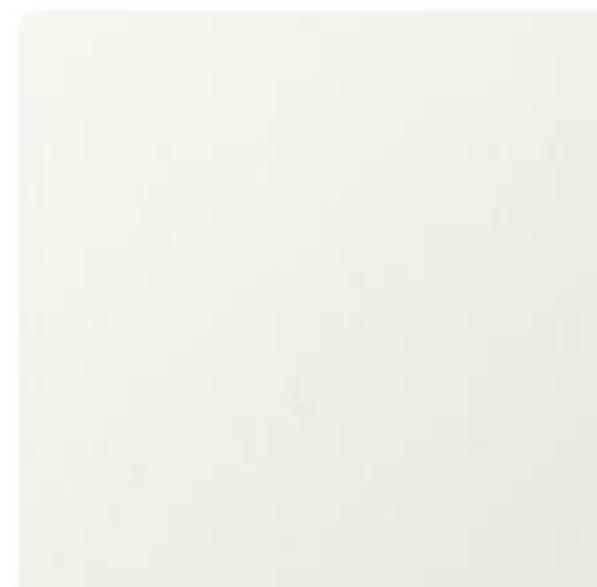
### Features

- Aluminum heat sink with snap-on cover (P19-W and PF19-W)
- P19-W and PF19-W can be surface – or flush-mounted using 1900 Box and 2-gang raised cover
- Extends the capacity of dimmers and emulates connected dimmers in dimming range and resolution
- Low-end trim setting for minimum brightness level

### Power Extender Dimmer Compatibility

		P19-W	PF19-W
Smart Dimmers INC/MLV/ELV (With Neutral)	ASPIRE RF	●	●
Smart Dimmers INC/MLV/ELV (No Neutral)	ASPIRE ACCELL		
Smart Dimmers Fluorescent (With Neutral)	ASPIRE ACCELL		●
Slide Dimmers INC/MLV/ELV (No Neutral)	ASPIRE DEVINE SKYE	●	
Slide Dimmers Fluorescent (With Neutral)	ASPIRE DEVINE SKYE		
Toggle Dimmers Incandescent (No Neutral)	TRACE	●	
Rotary Dimmers Incandescent (No Neutral)	REACT	●	

P19-W



### Drive more wattage on a variety of loads

Power Extenders extend the load capacity and versatility of wallbox mounted dimmers and architectural systems.



### Power Extenders

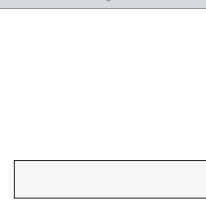
Wattage	Lamp Type	Description	Cat. No.	Color
1920W	Halogen, Incandescent, MLV and Neon/Cold Cathode	Power Extenders	<input type="checkbox"/> P19-W	W
1920W	Dimmable Fluorescent Ballast (Advance Mark 10® and Lutron Tu-Wire®)	Power Extenders	<input type="checkbox"/> PF19-W	W

To indicate color when ordering, add one of the following suffixes to the Catalog Number: W (White)  
Note: All Power Extenders are rated for 120V, 60Hz unless otherwise indicated.

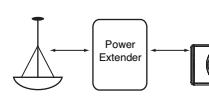
### Available Color Options

### Load Types

### Wiring Types



- Incandescent
- Halogen
- Neon/Cold Cathode
- Magnetic Low-Voltage



### Accessory Products



9530AW  
ASPIRE Dimmer



AF10-W  
ACCELL Dimmer



DI06P-W  
DEVINE Dimmer



SI06P-W  
SKYE Dimmer



PJS26W  
Screwless Wallplate

## Decorator Screwless, Mid-Size and Standard

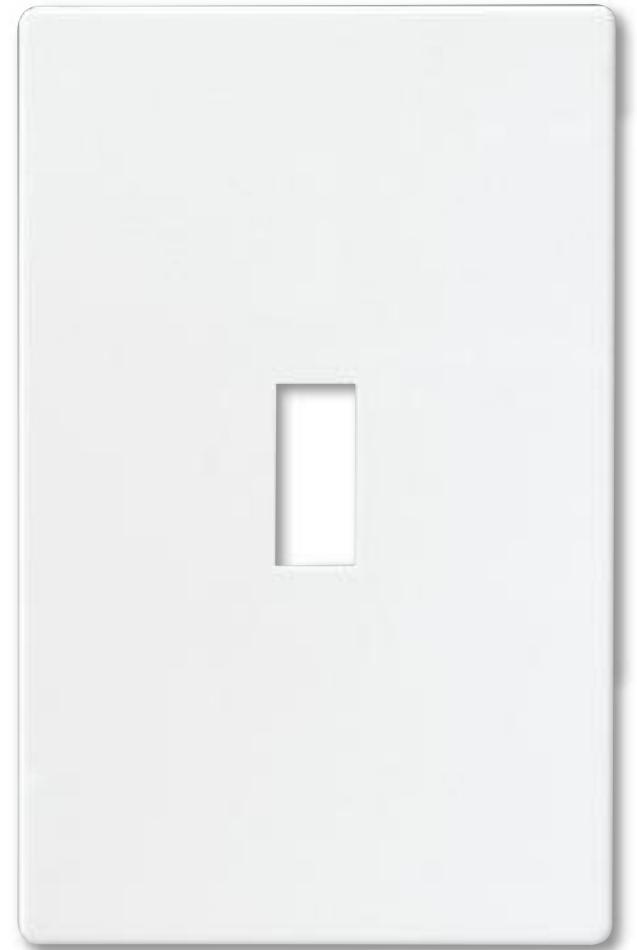
Contemporary design, sleek elegant lines, and a multitude of material, size and color choices make the Decorator Style an easy choice.

Gang	Description	Cat. No.	Color
<b>Mid-Size</b>			
1 gang	Screwless Wallplate	<input type="checkbox"/> PJS26	A, B, BK, GY, LA, V, W
2 gang	Screwless Wallplate	<input type="checkbox"/> PJS262	A, B, BK, GY, LA, V, W
3 gang	Screwless Wallplate	<input type="checkbox"/> PJS263	A, BK, LA, V, W
4 gang	Screwless Wallplate	<input type="checkbox"/> PJS264	A, BK, LA, V, W
5 gang	Screwless Wallplate	<input type="checkbox"/> PJS265	A, BK, LA, V, W
6 gang	Screwless Wallplate	<input type="checkbox"/> PJS266	A, BK, LA, V, W
1 gang	Polycarbonate Wallplate	<input type="checkbox"/> PJ26	A, B, BK, BL, GY, LA, RD, V, W
2 gang	Polycarbonate Wallplate	<input type="checkbox"/> PJ262	A, B, BK, BL, GY, LA, RN, RD, V, W
3 gang	Polycarbonate Wallplate	<input type="checkbox"/> PJ263	A, B, BK, GY, LA, V, W
4 gang	Polycarbonate Wallplate	<input type="checkbox"/> PJ264	A, B, BK, GY, LA, V, W
5 gang	Polycarbonate Wallplate	<input type="checkbox"/> PJ265	A, B, BK, GY, LA, V, W
6 gang	Polycarbonate Wallplate	<input type="checkbox"/> PJ266	A, B, BK, GY, LA, V, W
1 gang	Thermoset Wallplate	<input type="checkbox"/> 2051	A, B, LA, V, W
2 gang	Thermoset Wallplate	<input type="checkbox"/> 2052	A, LA, V, W
3 gang	Thermoset Wallplate	<input type="checkbox"/> 2063	A, LA, V, W
4 gang	Thermoset Wallplate	<input type="checkbox"/> 2064	A, LA, V, W
1 gang	Stainless Steel Wallplate	<input type="checkbox"/> 93934	SS
2 gang	Stainless Steel Wallplate	<input type="checkbox"/> 93935	SS
3 gang	Stainless Steel Wallplate	<input type="checkbox"/> 93936	SS
<b>Standard-Size</b>			
1 gang	Nylon Wallplate	<input type="checkbox"/> 5151	A, B, BK, BL, GY, LA, RD, V, W
2 gang	Nylon Wallplate	<input type="checkbox"/> 5152	A, B, BK, GY, LA, V, W
1 gang	Thermoset Wallplate	<input type="checkbox"/> 2151	A, B, BK, GY, LA, V, W
2 gang	Thermoset Wallplate	<input type="checkbox"/> 2152	A, B, BK, GY, LA, V, W
3 gang	Thermoset Wallplate	<input type="checkbox"/> 2163	A, B, GY, LA, V, W
4 gang	Thermoset Wallplate	<input type="checkbox"/> 2164	A, B, LA, V, W
5 gang	Thermoset Wallplate	<input type="checkbox"/> 2165	A, B, LA, V, W
6 gang	Thermoset Wallplate	<input type="checkbox"/> 2166	A, B, LA, V, W
1 gang	Stainless Steel Wallplate	<input type="checkbox"/> 93401	SS
2 gang	Stainless Steel Wallplate	<input type="checkbox"/> 93402	SS
3 gang	Stainless Steel Wallplate	<input type="checkbox"/> 93403	SS
4 gang	Stainless Steel Wallplate	<input type="checkbox"/> 93404	SS
5 gang	Stainless Steel Wallplate	<input type="checkbox"/> 93405	SS
6 gang	Stainless Steel Wallplate	<input type="checkbox"/> 93406	SS
1 gang	Brass Wallplate	<input type="checkbox"/> 94401	Brass
2 gang	Brass Wallplate	<input type="checkbox"/> 94401	Brass

PJS26W

## Traditional Screwless, Mid-Size and Standard

The Traditional Style offers timeless styling for traditional décor and a wide selection of choices to meet a range of applications.



PJS1W

Gang	Description	Cat. No.	Color
<b>Mid-Size</b>			
1 gang	Screwless Wallplate	<input type="checkbox"/> PJS1	A, LA, V, W
2 gang	Screwless Wallplate	<input type="checkbox"/> PJS2	A, LA, V, W
3 gang	Screwless Wallplate	<input type="checkbox"/> PJS3	A, LA, V, W
4 gang	Screwless Wallplate	<input type="checkbox"/> PJS4	A, LA, V, W
1 gang	Polycarbonate Wallplate	<input type="checkbox"/> PJ1	A, B, BK, BL, GY, LA, RD, V, W
2 gang	Polycarbonate Wallplate	<input type="checkbox"/> PJ2	A, B, BK, BL, GY, LA, RD, V, W
3 gang	Polycarbonate Wallplate	<input type="checkbox"/> PJ3	A, B, BK, BL, GY, LA, RD, V, W
4 gang	Polycarbonate Wallplate	<input type="checkbox"/> PJ4	A, B, BK, GY, LA, V, W
5 gang	Polycarbonate Wallplate	<input type="checkbox"/> PJ5	A, B, BK, GY, LA, V, W
6 gang	Polycarbonate Wallplate	<input type="checkbox"/> PJ6	A, B, BK, GY, LA, V, W
1 gang	Thermoset Wallplate	<input type="checkbox"/> 2034	A, B, LA, V, W
2 gang	Thermoset Wallplate	<input type="checkbox"/> 2039	A, B, LA, V, W
3 gang	Thermoset Wallplate	<input type="checkbox"/> 2041	A, B, LA, V, W
4 gang	Thermoset Wallplate	<input type="checkbox"/> 2054	A, LA, V, W
1 gang	Stainless Steel Wallplate	<input type="checkbox"/> 93971	SS
2 gang	Stainless Steel Wallplate	<input type="checkbox"/> 93972	SS
3 gang	Stainless Steel Wallplate	<input type="checkbox"/> 93973	SS
<b>Standard-Size</b>			
1 gang	Nylon Wallplate	<input type="checkbox"/> 5134	A, B, BK, GY, LA, RD, V, W
2 gang	Nylon Wallplate	<input type="checkbox"/> 5139	A, B, BK, GY, LA, RD, V, W
3 gang	Nylon Wallplate	<input type="checkbox"/> 5141	A, B, BK, GY, LA, V, W
4 gang	Nylon Wallplate	<input type="checkbox"/> 5154	A, B, BK, GY, LA, V, W
1 gang	Thermoset Wallplate	<input type="checkbox"/> 2134	A, B, BK, GY, LA, V, W
2 gang	Thermoset Wallplate	<input type="checkbox"/> 2139	A, B, BK, GY, LA, V, W
3 gang	Thermoset Wallplate	<input type="checkbox"/> 2141	A, B, GY, LA, V, W
4 gang	Thermoset Wallplate	<input type="checkbox"/> 2154	A, B, LA, V, W
5 gang	Thermoset Wallplate	<input type="checkbox"/> 2155	A, B, LA, V, W
6 gang	Thermoset Wallplate	<input type="checkbox"/> 2156	A, B, LA, V, W
1 gang	Stainless Steel Wallplate	<input type="checkbox"/> 93071	SS
2 gang	Stainless Steel Wallplate	<input type="checkbox"/> 93072	SS
3 gang	Stainless Steel Wallplate	<input type="checkbox"/> 93073	SS
4 gang	Stainless Steel Wallplate	<input type="checkbox"/> 93074	SS
5 gang	Stainless Steel Wallplate	<input type="checkbox"/> 93075	SS
6 gang	Stainless Steel Wallplate	<input type="checkbox"/> 93076	SS
1 gang	Brass Wallplate	<input type="checkbox"/> 94071	Brass
2 gang	Brass Wallplate	<input type="checkbox"/> 94072	Brass
3 gang	Brass Wallplate	<input type="checkbox"/> 94073	Brass

### Regulatory

- UL 514D and cUL Listed, UL file #E33216.
- Meets Federal Specification WP-455. Meets all CSA requirements, C22.2 no. 42.1.
- Meets flammability requirements per UL 94, V2 rated.

### Screwless

- Screwless wallplates appear to float freely on the surface of the wall
- Mounting plate attaches to the wiring device and the wallplate is simply pressed into place for an easy and fast installation.
- Mid-sized to cover wall imperfections and large wallboard openings
- Virtually unbreakable polycarbonate construction

### Thermoplastic

- Exclusive timesaving Screw-Catch™ feature holds mounting screws captive and simplifies installation
- Nylon wallplates have a flush-fitting, warp-resistant design
- Polycarbonate wallplates are virtually unbreakable, with high structural rigidity, long-term form retention, and superior impact resistance
- Temperature rating: -40°C to 70°C

### Thermoset

- Extensive line of non-flammable thermoset plates provides flush-fitting, warp-resistant performance
- Temperature rating: -40°C to 65°C

### Stainless Steel

- Superior non-corrosive and nonmagnetic properties for applications needing protection from those elements
- Horizontally satin-brushed surface finish resists finger prints

### Solid Brass

- Strong, corrosion-resistant and coated with transparent lacquer to resist premature oxidation
- Horizontally satin-brushed surface finish resists finger prints

## Matching the Dimmer to the Load

A large selection of lighting sources are available in today's lighting environment. These sources have specific individual characteristics which require mating a particular dimmer for each load type (source). For proper use it is important to pick a dimmer that is designed and UL tested for that specific lighting load type.

### Incandescent/Halogen

Line-voltage tungsten filament lamps, including line-voltage (120V) halogen lamps  
Electrical Characteristic: Resistive  
Special Requirements: Rated for cold filament inrush.

### Magnetic Low-Voltage (MLV)

Magnetic transformer-supplied low-voltage lighting (6 volt, 12 volt, or 24 volt)  
Electrical Characteristic: Inductive  
Special Requirements: Symmetric cycles ( $VDC \leq 2$ ), smooth turn off. Include transformer losses when calculating the load.

### Electronic Low-Voltage (ELV)

Electronic (solid-state) transformer-supplied low-voltage lighting  
Electrical Characteristic: Capacitive  
Special Characteristic: Very smooth turn on. Neutral wire connection required.

### Fluorescent (FLR)

Electronic fluorescent dimming ballast  
Special dimmers are designed and UL listed to send power and control signals to each type of electronic fluorescent dimming ballast.

### Light Emitting Diode (LED)

Electronic LED Driver  
Special dimmers are designed to send power and control signals to each type of electronic LED Drive.  
Special Requirements: LED light source must be properly matched to LED Driver, and LED driver must meet control spec for control type.

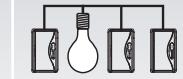
Consult with Cooper Wiring Devices for driver compatibility.  
[www.cooperwiringdevices.com](http://www.cooperwiringdevices.com)

### Single-Pole



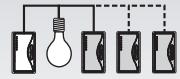
Single-Pole dimmers provide control from one location.

### 3-Way/4-Way



3-Way dimmers adjust the light level from one location. When used with 3-Way and 4-Way switches, the lights can be turned on to the dimmer level or off from many locations.

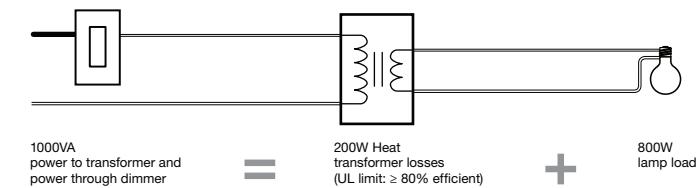
### Multi-location



Multi-location dimmers can be used with dimmers for full dimming control of the lights from two or more locations.

## Magnetic Low-Voltage dimmer ratings

The stated VA (volt-ampere) rating is the rated capacity of the dimmer which includes the magnetic transformer heat losses and the lamp load. A CORE dimmer UL listed for 1000VA can be loaded with a full 1000VA of lamp load. A transformer dissipates up to 20% of the connected load as heat. Better transformers dissipate less than 10% as heat. Added together, the lamp load and the transformer loss determine the dimmer capacity required. See the example below.



## Electronic Low-Voltage dimmer ratings

Electronic low-voltage transformers do dissipate some heat. These inefficiencies are small enough to be accounted for in the dimmer rating. A CORE dimmer UL listed for 600W can be loaded with a full 600W of lamp load. If ganged with other dimmers, standard derating rules apply.

## Heat Dissipation

During normal operation, dimmers will get warm to the touch. Wallbox dimmer efficiency is typically around 99%. The other 1% is dissipated in the dimmer as heat. So a 600W load on a 600W dimmer would produce around 6 watts of heat. Operating on its rated load, CORE dimmers will stay below the UL limits of 140° F (60° C). Use screwless wallplates to avoid contact with metal screws that may feel warm to the touch.

## Fan controls

There are two styles of fan control, select the one that is right for your application:

### Fully variable

- fully variable fan speed
- used for controlling one or more ceiling fan(s) or exhaust fan(s)

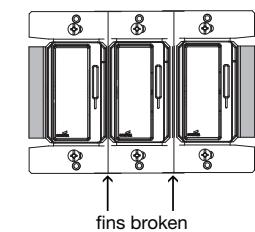
### Quiet 3-speed

- three speeds plus off
- will not cause fan motor hum
- used for controlling one ceiling fan only

## Ganging and Derating Dimmers

A typical dimmer is wider than a switch. This increased size helps the dimmer dissipate internal heat which is normal to operation.

Dimmers can be ganged together such that the space is the same as for switches. A portion of the fins (heat sink) must be removed. The fins are grooved to make the removal of fins easy with a pair of pliers. The removal of these fins reduces the wattage capacity (load) the dimmer can control. Derating information is provided in the "CORE Derating Chart". The dimmer can be loaded with the full derated capacity indicated.



## CORE Derating Chart

	Single-gang	Double-gang	Triple-gang or more
<b>TRACE</b>			
Incandescent	600W	600W	600W
Incandescent	1000W	900W	800W
Fully Variable Fan	5A	5A	5A
<b>REACT</b>			
Incandescent	600W	600W	600W
Incandescent	1000W	900W	800W
Dual 4-speed/Dimmer	2.5A / 300W	2.5A / 300W	2.5A / 300W
Dual 4-speed/Dimmer	1.5A / 300W	1.5A / 300W	1.5A / 300W
3-speed Fan	1.5A	1.5A	1.5A
Fully Variable Fan	5A	5A	5A
<b>Architectural Rotary</b>			
Incandescent	1000W	800W	700W
Incandescent	1500W	1300W	1000W
Incandescent	2000W	1800W	1500W
<b>SKYE</b>			
Incandescent	600W	500W	500W
Incandescent	1000W	850W	650W
Magnetic Low-Voltage	600VA	500VA	500VA
Magnetic Low-Voltage	1000VA	850VA	650VA
Fluorescent	8.3A	6.6A	5.4A
Dual 3-speed/Dimmer	1.5A / 300W	1.5A / 300W	1.5A / 300W
3-speed Fan	1.5A	1.5A	1.5A
Fully Variable Fan	5A	5A	5A
<b>DEVINE</b>			
Incandescent	600W	500W	500W
Incandescent	1000W	800W	650W
Magnetic Low-Voltage	600VA	500VA	500VA
Magnetic Low-Voltage	1000VA	800VA	650VA
Electronic Low-Voltage	600VA	600VA	600VA
Fluorescent	8.3A	6.6A	5.4A
3-speed Fan	1.5A	1.5A	1.5A
<b>ACCELL</b>			
Incandescent	1000W	800W	800W
Magnetic Low-Voltage	1000VA	800VA	650VA
Fluorescent	8.3A	6.6A	5.4A
<b>ASPIRE Slide</b>			
Incandescent	600W	600W	600W
Incandescent	1000W	900W	800W
Magnetic Low-Voltage	600VA	600VA	600VA
Magnetic Low-Voltage	1000VA	900VA	800VA
Electronic Low-Voltage	600VA	600VA	600VA
Electronic Low-Voltage	1000VA	900VA	800VA
Fluorescent	8.3A	6.6A	5.4A
3-speed Fan	1.5A	1.5A	1.5A
Fully Variable Fan	5A	5A	5A
<b>ASPIRE</b>			
Incandescent	600W	600W	500W
Incandescent	1000W	800W	700W
Magnetic Low-Voltage	600VA	600VA	500VA
Magnetic Low-Voltage	1000VA	800VA	700VA
Electronic Low-Voltage	600VA	600VA	500VA
Electronic Low-Voltage	1000VA	800VA	700VA
Fluorescent	8.3A	6.6A	5.4A
<b>ASPIRE RF</b>			
Incandescent	600W	600W	600W
Incandescent	1000W	800W	800W
Incandescent (No Neutral)	600W	600W	600W
Incandescent (No Neutral)	1000W	800W	800W
Magnetic Low-Voltage	600VA	600VA	600VA
Magnetic Low-Voltage	1000VA	800VA	800VA
Electronic Low-Voltage	600VA	600VA	600VA
Electronic Low-Voltage	1000VA	800VA	700VA
Fluorescent	8.3A	6.6A	6.6A
<b>SAVANT</b> (Dimmer version only)			
Incandescent	600W	600W	600W
Magnetic Low-Voltage	600VA	600VA	600VA

## SOLID STATE DIMMING

Semiconductor device (triac or FET) turns the lights on and off 120 times per second – saving electricity and extending bulb life while providing a steady, flicker-free illumination.

### The benefits:

- save energy as you dim, reduce your utility costs
- extend lamp life by running the lamps cooler; reduce the number of lamps you buy, install and discard
- dimmer handles full rated wattage capacity

**Recommended submittal specification:**  
Controls shall be solid state, UL listed specifically for each required load, and capable of dimming full rated wattage capacity.



## VOLTAGE COMPENSATION

Special circuitry that maintains the power delivered to the lamp in the event of line-voltage variations.

### The benefits:

- flicker free dimming through voltage variations caused by elevators, chiller pumps, building load changes or power grid fluctuations

**Recommended submittal specification:**  
Dimmer shall include voltage compensation to stabilize light output from variations in the AC line-voltage. Dimmers in which the light output is not held constant with varying AC line-voltage shall not be acceptable.



## LIGHTNING STRIKE SURGE PROTECTION

Special circuitry protects the electronics from surges up to 6000 volts and 200 amps.

### The benefits:

- protect your dimmer from power surges during a storm or from power surges generated within the building

**Recommended submittal specification:**  
Controls shall meet ANSI/IEEE Std. C62.41-1980, tested to withstand voltage surges of up to 6000 V and current surges of up to 200A without damage.



## AIR-GAP SWITCH

Visible and front accessible mechanism activates a positive air-gap switch to completely disconnect power from the load for service.

### The benefits:

- creates a safe condition for changing lamps with no leakage current to the fixture

**Recommended submittal specification:**  
All wall-mounted controls shall have a visible and accessible mechanical air-gap switch to totally disconnect power from the load so that no leakage current shall be present at the fixture(s), from all locations.



## POWER-FAILURE MEMORY

Lights always return to the previous state when power is restored.

### The benefits:

- minimizes the inconvenience of power service interruptions
- keep building lights as you left them when you go away
- safety feature – will not default to "off"

**Recommended submittal specification:**  
Controls shall incorporate power-failure memory. Should power be interrupted (for up to 10 years) and subsequently returned, the lights will come back on to the same levels set prior to the power interruption. Restoration to "off" or to some other default level is not acceptable.



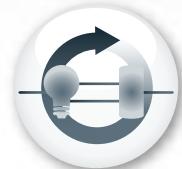
## LOAD-SIDE OR LINE-SIDE

Wire the dimmer into either 3-Way switch location.

### The benefits:

- select dimmer location independent of the wiring
- swap dimmer/switch location at any time
- simple to retrofit a switch with a dimmer

**Recommended submittal specification:**  
Dimmer shall be capable of operating in either 3-Way switch location.



## ELECTROSTATIC DISCHARGE PROTECTION

Designed to withstand the static discharges (static shocks) common in a dry climate.

### The benefits:

- protect the electronics within your dimmer from static discharge

**Recommended submittal specification:**  
Control shall not be susceptible to damage or loss of memory due to 16kVolt static discharges.



## SQUARE LAW DIMMING

Dimmer output (lighting level) follows the square law power curve.

### The benefits:

- slider position matches the user's perceived light level
- no "dead spots" at top or bottom of the slider travel

**Recommended submittal specification:**  
Dimmer slider position shall indicate perceived light level, using the square law power curve in the IESNA Lighting Handbook.



## SMOOTH AND CONTINUOUS DIMMING

Smooth and continuous lighting control across the dimming range.

### The benefits:

- flicker-free continuous lighting control

**Recommended submittal specification:**  
Dimmers shall provide smooth and continuously variable control of light intensity.



## PRECISE COLOR CONSISTENCY

Color variations are monitored to ensure that all visible plastic parts have a consistent color.

### The benefits:

- all CORE dimmers, switches, receptacles, and wallplates match across the family
- new dimmers can be added to an existing location with precise color matching

**Recommended submittal specification:**  
To ensure a precise color match between all plastic parts, color variation of any control shall not exceed a  $\Delta E$  of 1.0, as defined in ASTM E 308-99.



## UV STABLE COLOR

Visible plastic parts do not fade or yellow with prolonged exposure to sunlight.

### The benefits:

- durable plastic maintains quality color throughout the product life
- new dimmers can be added to an existing location with precise color matching

**Recommended submittal specification:**  
To ensure colors do not fade or yellow, visible parts of controls or wallplates shall exhibit ultraviolet stability as defined in ASTM D4674-89.



# Specification Information

**COOPER** Wiring Devices

## Rotary, Toggle and Slide Dimmers

General Product Information	Product Family	TRACE Toggle Dimmer	REACT Rotary Dimmer	SKYE Full-Slide Dimmer	DEVINE Designer Slide Dimmer	ASPIRE Contemporary Slide Dimmer
	Catalog Numbers	TI061, TI061L, TI3101, TI3101L	RIO61, RIO6P, RIO6PL, RI101, RFS15, RFS5, RDC15, RDC25	SI061, SI06P, SI10P, SF8AP, SFS15P, SFS5, SFS5P, SDC15	DI06P, DI10P, DE06P, DF8AP, DFS15P	9530, 9531, 9532, 9533, 9538, 9539, 9540, 9541, 9543, 9544, 9568
Testing & Code Compliance	Regulatory Listings	cULus 6B28 UL1472 NOM ANSI				
Specification: Environmental	Flammability	Flammability meets UL 94 requirements V2 rated				
Specification: Environmental	Temperature Rating	Temperature rating: 32 to 104 deg. F (0 to 40C)	Temperature rating: 32 to 104 deg. F (0 to 40C)	Temperature rating: 32 to 104 deg. F (0 to 40C)	Temperature rating: 32 to 104 deg. F (0 to 40C)	Temperature rating: 32 to 104 deg. F (0 to 40C)
Specification: Electrical	Rating	120V/AC 60Hz				
	Light Intensity Control	Full-range, continuously variable dimming				
	Dimming Performance	Smooth and continuous Square Law Dimming Curve				
	Surge Protection	Meets ANSI/IEEE Std. C62.41-1980, tested to withstand voltage surges up to 6000V and current surges of up to 200A without damage	Meets ANSI/IEEE Std. C62.41-1980, tested to withstand voltage surges up to 6000V and current surges of up to 200A without damage	Meets ANSI/IEEE Std. C62.41-1980, tested to withstand voltage surges up to 6000V and current surges of up to 200A without damage	Meets ANSI/IEEE Std. C62.41-1980, tested to withstand voltage surges up to 6000V and current surges of up to 200A without damage	Meets ANSI/IEEE Std. C62.41-1980, tested to withstand voltage surges up to 6000V and current surges of up to 200A without damage
	Radio Frequency Interference	Designed to reduce interference with radio, audio and video equipment	Designed to reduce interference with radio, audio and video equipment	Designed to reduce interference with radio, audio and video equipment	Designed to reduce interference with radio, audio and video equipment	Designed to reduce interference with radio, audio and video equipment
	Power-failure Memory	Light or fan returns to same level prior to power interruption	Light or fan returns to same level prior to power interruption	Light or fan returns to same level prior to power interruption	Light or fan returns to same level prior to power interruption	Light or fan returns to same level prior to power interruption
	Lamp Ratings	Incandescent	Incandescent	Incandescent, Magnetic Low-Voltage, Fluorescent	Incandescent, Magnetic Low-Voltage, Electronic Low-Voltage, Fluorescent	Incandescent, Magnetic Low-Voltage, Electronic Low-Voltage, Fluorescent
	Termination	Wireleads 16 AWG	Wireleads 16 AWG	Side wire / Push Wire	Side wire / Push Wire	Side wire / Push Wire
Specification: Mechanical	Wiring Types	Single-Pole & 3-Way				
	LED Indicators	—	—	Load Status Indicator	—	—
	Air-gap Switch	N/A	N/A	N/A	N/A	N/A
	Top Housing	Poly Carbonate				
Material Specification	Bottom Housing	Poly Carbonate				
	Strap	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
	Form Factor	Traditional	Traditional	Decorator	Decorator	Decorator
	Finish	Gloss	Gloss	Gloss	Two-tone: Gloss and Matte	Gloss

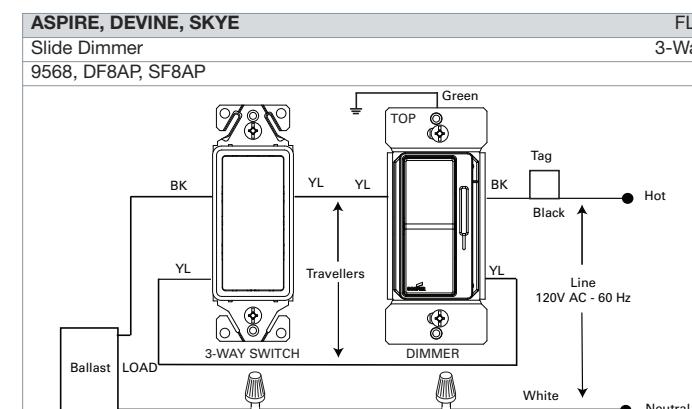
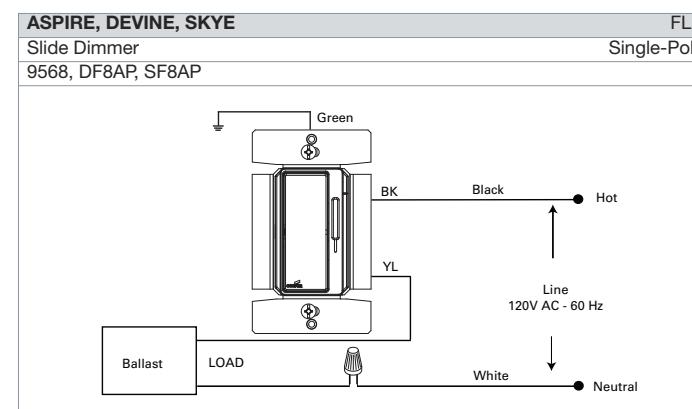
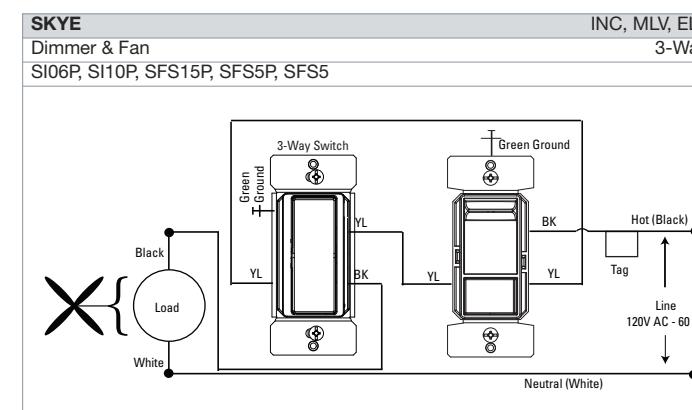
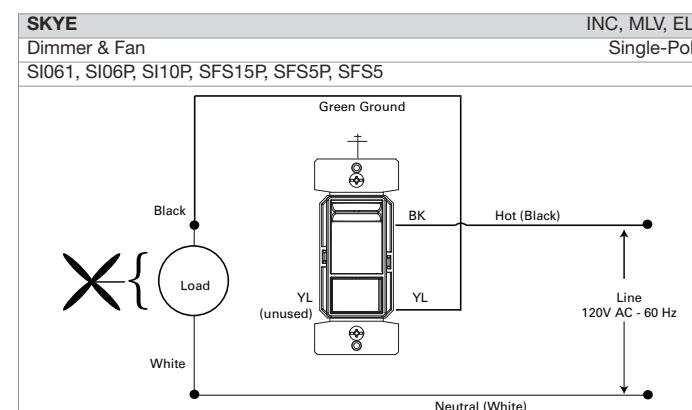
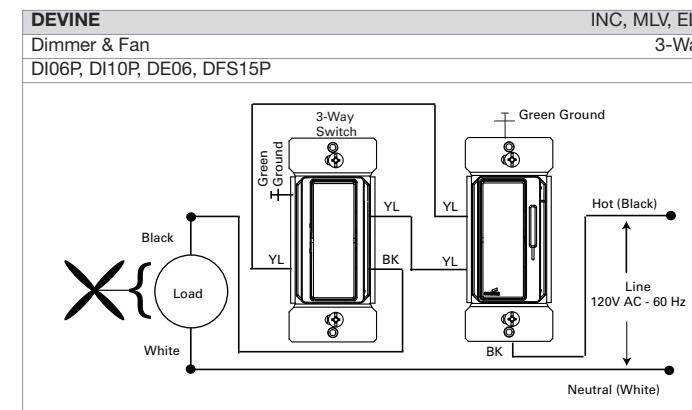
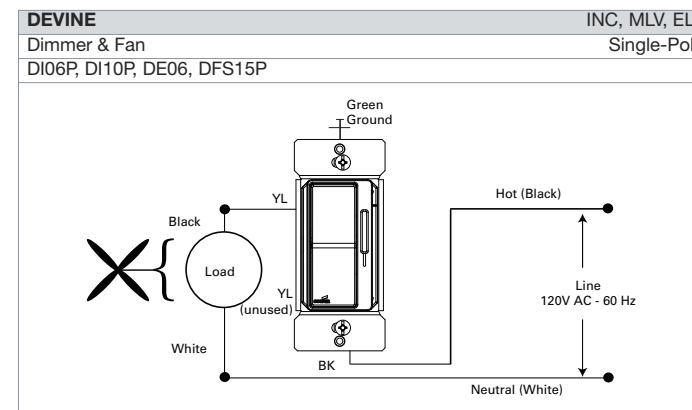
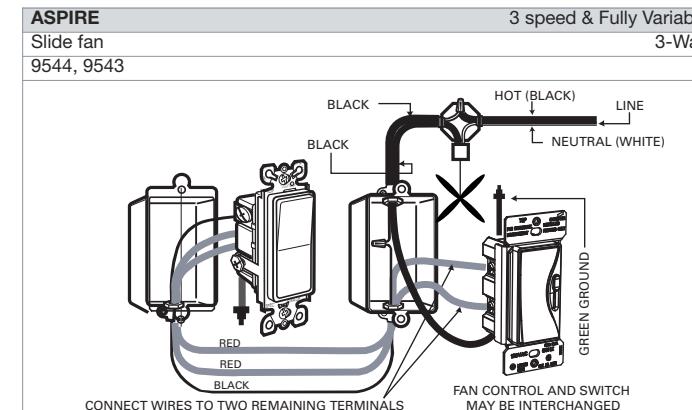
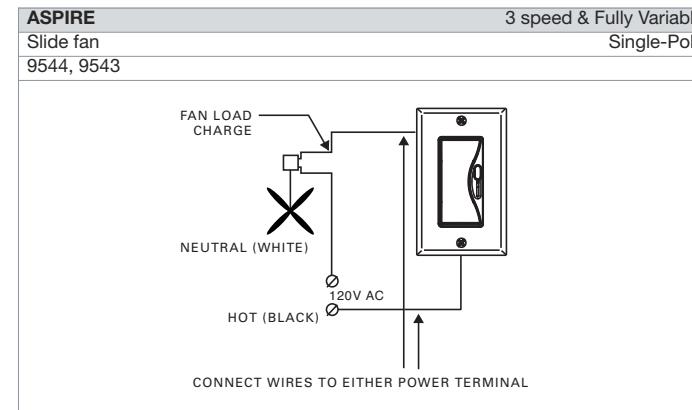
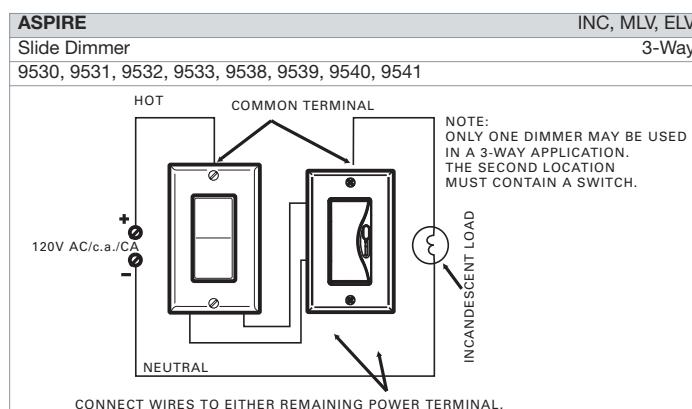
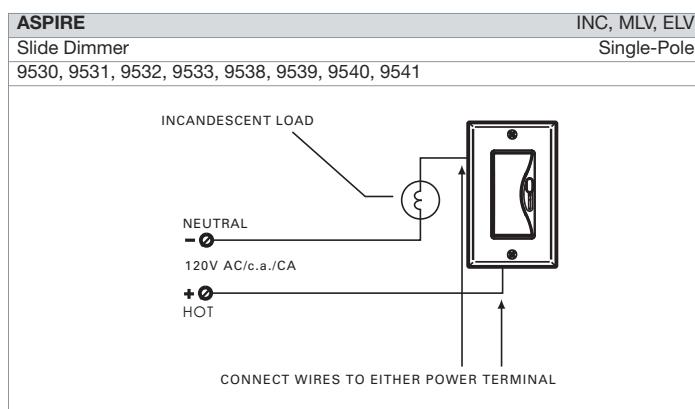
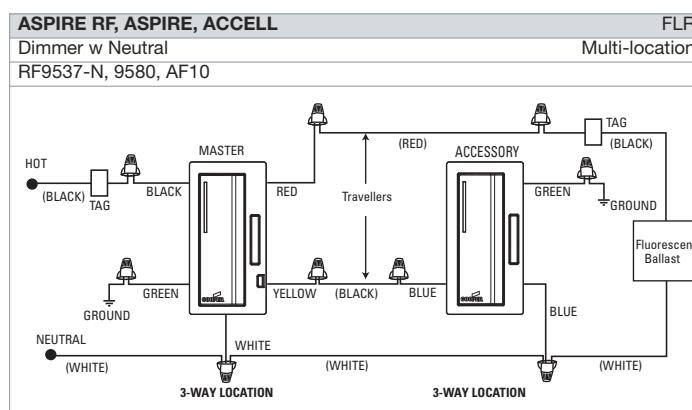
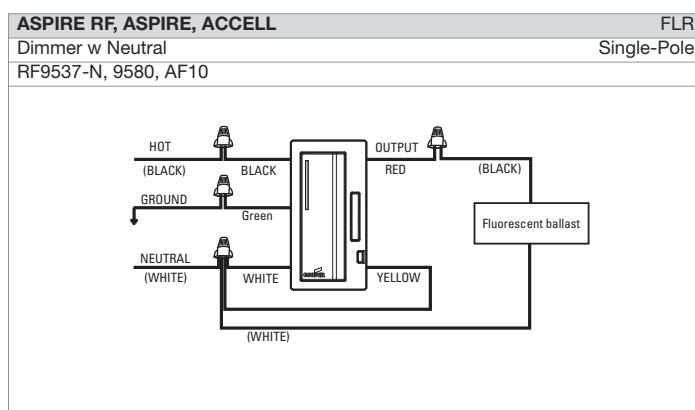
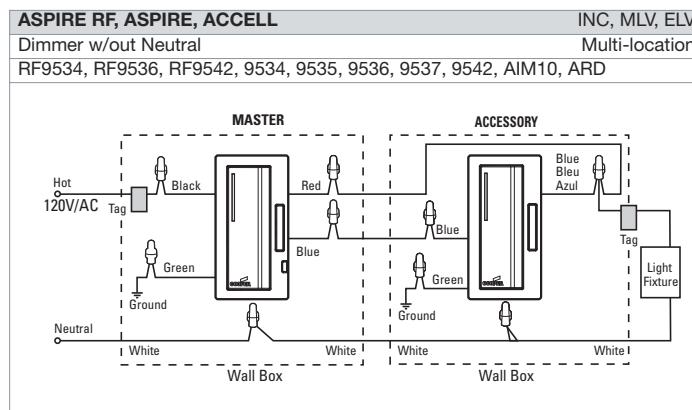
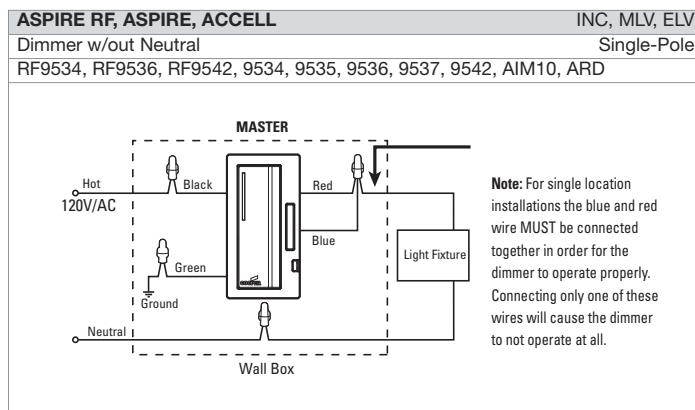
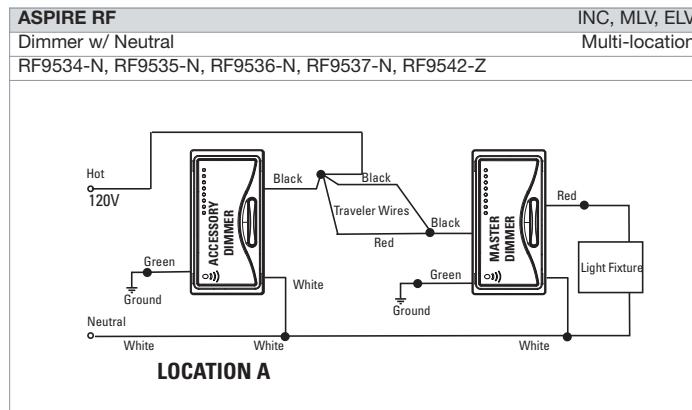
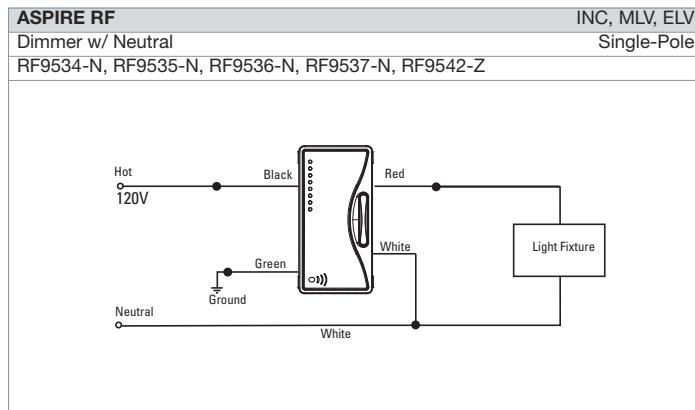
## Smart Dimmers and Sensors

General Product Information	Product Family	ACCELL Smart Dimmer	ASPIRE Contemporary Smart Dimmer	ASPIRE RF Contemporary Wireless Smart Dimmer	Standard Series Occupancy / Vacancy Sensors	SAVANT Occupancy / Vacancy Sensors
	Catalog Numbers	AIM10, AF10, ARD	9534, 9535, 9536, 9537, 9542, 9568	RF9534, RF9534-N, RF9535-N, RF9536, RF9536-N, RF9537-N, RF9542, RF9542-Z	6105, 6107, VSIR04	OS310U, OS310R, VS310U, VS310R, OS106D1*, VS106D1*
Testing & Code Compliance	Regulatory Listings	cULus 6B28 UL1472 NOM ANSI	cULus 6B28 UL1472 NOM ANSI	cULus 6B28 UL1472 NOM ANSI	cULus 773A NOM ANSI	cULus 38DS UL 244A / UL 1472 NOM ANSI
Specification: Environmental	Flammability	Flammability meets UL 94 requirements V2 rated				
Specification: Environmental	Temperature Rating	Temperature rating: 32 to 104 deg. F (0 to 40C)	Temperature rating: 32 to 104 deg. F (0 to 40C)	Temperature rating: 32 to 104 deg. F (0 to 40C)	Temperature rating: 32 to 104 deg. F (0 to 40C)	Temperature rating: 32 to 104 deg. F (0 to 40C)
Specification: Electrical	Rating	120V/AC 60Hz	120V/AC 60Hz	120V/AC 60Hz	120V/AC 60Hz, 1/2 HP	120V/AC 60Hz, 1/2 HP
	Light Intensity Control	Full-range, continuously variable dimming	Full-range, continuously variable dimming	Full-range, continuously variable dimming	N/A	Full-range, continuously variable dimming
	Dimming Performance	Smooth and continuous Square Law Dimming Curve	Smooth and continuous Square Law Dimming Curve	Smooth and continuous Square Law Dimming Curve	N/A	Smooth and continuous Square Law Dimming Curve
	Surge Protection	Meets ANSI/IEEE Std. C62.41-1980, tested to withstand voltage surges up to 6000V and current surges of up to 200A without damage	Meets ANSI/IEEE Std. C62.41-1980, tested to withstand voltage surges up to 6000V and current surges of up to 200A without damage	Meets ANSI/IEEE Std. C62.41-1980, tested to withstand voltage surges up to 6000V and current surges of up to 200A without damage	Meets ANSI/IEEE Std. C62.41-1980, tested to withstand voltage surges up to 6000V and current surges of up to 200A without damage	Meets ANSI/IEEE Std. C62.41-1980, tested to withstand voltage surges up to 6000V and current surges of up to 200A without damage
	Radio Frequency Interference	Designed to reduce interference with radio, audio and video equipment	Designed to reduce interference with radio, audio and video equipment	Designed to reduce interference with radio, audio and video equipment	—	Designed to reduce interference with radio, audio and video equipment
	Power-failure Memory	Light returns to same level prior to power interruption	Light returns to same level prior to power interruption	Light returns to same level prior to power interruption	Light returns to same level prior to power interruption	Light returns to same level prior to power interruption
	Lamp Ratings	Incandescent	Incandescent, Magnetic Low-Voltage, Electronic Low-Voltage, Fluorescent	Incandescent, Magnetic Low-Voltage, Electronic Low-Voltage, Fluorescent	Incandescent, Magnetic Fluorescent Ballast	SWITCH: Incandescent, Magnetic Low-Voltage, Electronic Low-Voltage, Fluorescent, Compact Fluorescent, LED
	Termination	6" Pre-stripped wireleads 600W - 16 AWG 1000W - 14 AWG	6" Pre-stripped wireleads 600W - 16 AWG 1000W - 14 AWG	6" Pre-stripped wireleads 600W - 16 AWG 1000W - 14 AWG	Wireleads	6" Pre-stripped wireleads 600W - 16 AWG 1000W - 14 AWG
Specification: Mechanical	Wiring Types	Single-Pole and Multi-location	Single-Pole and Multi-location	Single-Pole and Multi-location	Single-Pole & 3-Way	Single-Pole & 3-Way
	LED Indicators	Load Status Indicator, Light Level & Locator	Load Status Indicator, Light Level & Locator	Load Status Indicator, Light Level & Locator	Status	Load Status Indicator, Light Level & Locator
	Air-gap Switch	Meets UL 20 and UL1472 for inclusion of visible, accessible air-gap off switch	Meets UL 20 and UL1472 for inclusion of visible, accessible air-gap off switch	Meets UL 20 and UL1472 for inclusion of visible, accessible air-gap off switch	N/A	Meets UL 20 and UL1472 for inclusion of visible, accessible air-gap off switch
	Top Housing	Poly Carbonate				
Material Specification	Bottom Housing	Poly Carbonate				
	Strap	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
	Form Factor	Decorator	Decorator	Decorator	Decorator	Decorator
	Finish	Gloss	Gloss	Gloss	Gloss	Gloss

\*Note: Dimming specification pertain to OS106D1 and VS106D1 sensors only.

# Wiring Diagrams

**COOPER** Wiring Devices



# Wiring Diagrams

**COOPER** Wiring Devices

