Dimmers & Fan Speed Controls



Today's home and business owners want optimum control of their electrical systems. P&S Dimmers & Fan Speed Controls provide that control — along with aesthetics, durability, trouble-free installation, and innovative technologies.

TITLE

Benefits of Using Legrand/Pass & Seymour Dimming

Save Energy – Dimming reduces the amount of energy consumed by the lamps which reduces energy costs.

Add ambience – Change the lighting to set the mood or highlight the décor.

Add comfort - Use only the light you need for the task.

Add flexibility – Change the look of the room and then change it back. Quickly and easily.

Add convenience – Presets and scene controls make it easy to set up your home the way you like with accuracy and repeatability.

Increase safety and security - Never drive up to a dark house again.

Lower maintenance costs – Dimming increases the life of incandescent lamps.

Add value - A home with lighting controls is worth more.



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Dimmers & Fan Speed Controls Product Selection Guide





Energy concerns have created directives in some states for lighting controls in new residential construction and major renovations. In an effort to reduce electrical power consumption, California has mandated one of the most stringent energy codes in the country. California Title 24 requires high efficacy luminaires, vacancy sensors (Section L), or dimmers to be placed in certain areas of the home. The standard became effective on October 1, 2005. Other states are considering adopting similar mandates to answer their own energy concerns. Legrand/Pass & Seymour has an extensive selection of vacancy sensor and dimmer solutions to address this growing industry trend.



RF Lighting Control System

- Whole house and room scene controls allow homeowners to change their environment at the push of a
- Frequency-agile Radio Frequency (RF) wireless communications technology.
- Simple, intuitive programming without the use of a computer or controller.

PAGES M-4 - M-7



Scene Director Control

- Select any lighting scene at the touch of a button.
- Optional infrared remote enables control from anywhere in the room.
- Master can control up to 30 dimmers.
- Easy to program and won't lose programming during power outage.

PAGES M-8, M-9



Leandro® Decorator Dimmers

- Multi-location dimming.
- Light levels fade elegantly up/down.
- Green LEDs indicate preset level; red LED makes dimmers easy to find in the dark.

PAGE M-10



Harmony™ Decorator Dimmers

- Matches P&S Decorator devices.
- Combines ON/OFF Decorator switch with separate slider for dimming control.
- No lost settings during power outages.

PAGE M-11, M-12



LS Series Decorator Slide Dimmers

- Smooth, ergonomic operation.
- Snap-in LED light modules make dimmers easy to find at night.
- Available in both preset and non-preset models.

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DR Series Decorator Rotary Dimmers

- Illuminated knob shows light level.
- Snap-in LED light modules make dimmers easy to find at night.
- Available for incandescent and low-voltage lighting.

PAGE M-16



Toggle Dimmers

- Convenient preset dimming control.
- Combines ON/OFF toggle with separate preset for dimming control.
- Matches appearance of toggle switches.

PAGE M-18, M-19



Rotary Dimmers

- Models for incandescent and low-voltage lights; preset and illuminated features available.
- Simple to operate.
- Available in both preset and non-preset models.

PAGE M-21



- Match appearance of toggle switches.
- No loss of settings during power outages.
- Illuminated versions available.

PAGE M-20

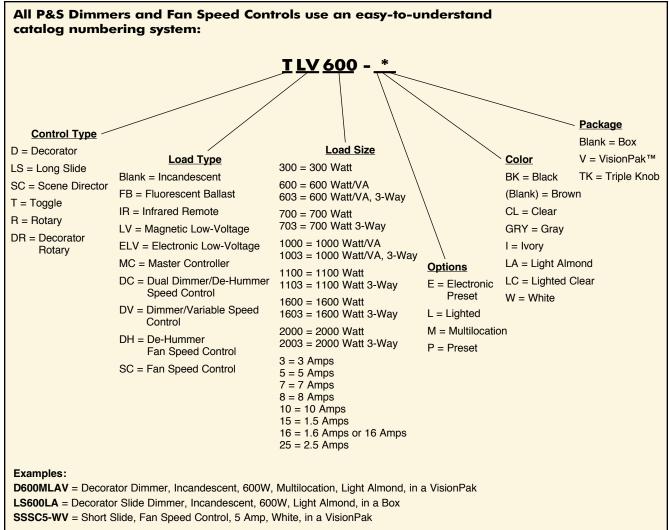


Dimmers & Fan Speed Controls Catalog Numbering System

Pass & Seymour

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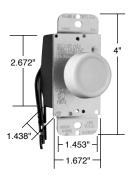
Many P&S Dimmers & Fan Speed Controls are available boxed or VisionPak™ clam-shell packaging for high-impact merchandising. Please see the Catalog Numbering System above or specific charts for ordering information.

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Pass & Seymour



90621



95600

Commercial Dimmers & Fan Speed Controls **Rotary Dimmers**



Features

- Full range rotary dimming.
- Low-voltage and fluorescent models have field adjustable trims that may be set to control minimum light level.
- Ground lead provided on all models.
- New attractive knob design.

- Voltage compensation circuitry in fluorescent and magnetic low-voltage model reduces lighting fluctuations.
- All models fit standard toggle wall plate.
- All dimmers on this page may be ganged without de-rating.
- RFI protected.

Catalog Number	Description	Ratings	Color	
Incandescent Specification Grade Rotary Dimmers — Single Pole				
90621IV 90621WV	Low Profile, Dial ON/OFF	120V, 600W max.	lvory White	
Magnetic Low-Voltage Specification Grade Rotary Dimmers — Single Pole*				
95600I 95600W	Preset, Push ON/OFF	120V, 600W max.	lvory White	

^{*}For use with magnetic transformer incandescent low-voltage lighting.

Catalog N	umber				
Single Pole	Three-Way	Description	Ratings	Color	
1000W Max	1000W Max. Incandescent Rotary Dimmers with Architectural Heat Sink				
91000I 91000W	91003I 91003W	Preset, Push ON/OFF	120V 1000W max.	lvory White	
91001I 91001W		Dial, ON/OFF	120V 1000W max.	lvory White	
1500W Max	1500W Max. Incandescent Rotary Dimmers with Architectural Heat Sink				
915001	91503I 91503W	Preset, Push ON/OFF	120V 1500W max.	lvory White	
91501I 91501W		Dial, ON/OFF	120V 1500W max.	lvory White	
2000W Max. Incandescent Rotary Dimmers with Architectural Heat Sink					
92001I 92001W		Dial, ON/OFF	120V 2000W max.	lvory White	

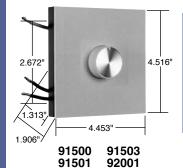
^{*}Fits in standard toggle wall plate opening.

Catalog Number	Description	Ratings	Color
1000VA Max. Magnetic Low-Voltage Specification Grade Single Pole Rotary Dimmer* with Architectural Heat Sink			
951001	Dial, ON/OFF	120V, 1000VA max.	lvory

^{*} For use with magnetic transformer incandescent low-voltage lighting.

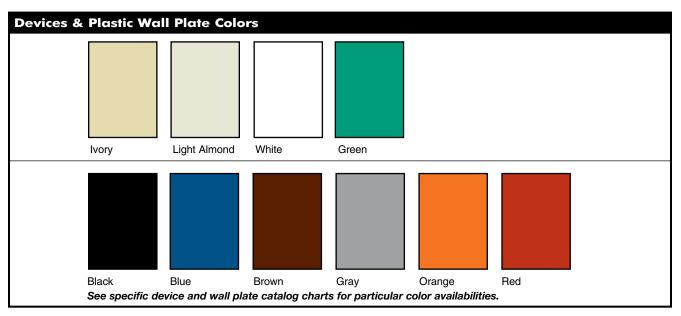
Catalog Number	Description	Color
Accessories for Rotary Heat Sink Dimmers & Fan Speed Controls		
DAPK1I DAPK1W DAPK1	1-Gang Wall Plate – Plate and Knob Kit	lvory White Brown
DAPK2I DAPK2W DAPK2	2-Gang Wall Plate – Plate and Knob Kit	lvory White Brown

For wiring diagrams, see Page S-20. For de-rating chart, see Page M-22.



Devices & Wall Plates Color Selection Chart









To order custom metal wall plates, see Pages Q-43 - Q-45.

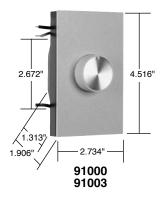
For additional colors consult factory.



Technical Specifications High Wattage Rotary Dimmers

Preset Push On/Off Incandescent 120VAC, 60 Hz

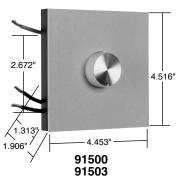




Typical Specifications

Incandescent dimmer shall be UL Listed/CSA Certified Legrand/Pass & Seymour Specification Grade, with full range solid-state circuitry giving even control by means of rotary action and positive ON/OFF switching. All dimmers shall fit standard single gang wall boxes. Conforms to NEMA WD-1 and WD-6.

Catalog Number	Color	Description	Rated Load
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□ 91003I	lvory	Three-Way – Preset Push ON/OFF	1000W
□ 91003W	White	Three-Way – Preset Push ON/OFF	1000W
□ 91500I	Ivory	Single Pole – Preset Push ON/OFF	1500W
□ 91503I	lvory	Three-Way – Preset Push ON/OFF	1500W
□ 91503W	White	Three-Way – Preset Push ON/OFF	1500W



Features

Location/Type

- Maximum ratings are for continuous full load.
- Superior state-of-the-art solid-state electronic circuitry design increases energy savings and extends bulb life as lighting level is reduced.
- Field-adjustable trim control permits user to set minimum light level as desired.
- Includes line voltage compensation circuitry, to reduce changes in light level caused by line voltage fluctuation.
- 600V, UL/CSA hook-up wire, multi-stranded, fray-resistant, pre-tinned, insulation rated at 105°C.
- Anodized extruded aluminum fins provide heat sink for electronic components.
- Installs in NEMA standard single-gang wall boxes.
- De-rating required when fins are removed.

Performance		
Electrical		
Voltage	120VAC 60 Hz	
Rated Load	(See Above) Incar	ndescent Only
Filtering	Radio Frequency	Interference Filtering
Construction	Printed Circuit Boa	ard for Reliability
3rd Party Compliance	UL Listed CSA Certified	
Controls		
Output	Safety Power Off	Switch
Physical		
Size	Gangable	
Heat Sink	Finned Aluminum	
Wiring	6" Color-Coded Le	eads Pre-Stripped
Environmental		
Application	Indoor Use Only	
Materials		
Knob	Flame Retardant I	JL94 V0, UV Stable Polycarbonate
Back Body	Unbreakable ABS	
Accessories		
Snap-On Cover Plate		Provided
Twist Wire Connectors		Provided
Installation and Operating Inst	ructions	Provided
1000 Watt White Cover Plate and Knob Kit		Available: DAPK1W
1500/2000 Watt White Cover Plate and Knob Kit		Available: DAPK2W
1000 Watt Brown Cover Plate and Knob Kit		Available: DAPK1
1500/2000 Watt Brown Cover Plate and Knob Kit		Available: DAPK2
Matching Rotary Switch		Available: 90200
Project		

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PAGES M-4 - M-7



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PAGES M-8, M-9



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PAGE M-10



Harmony™ Decorator Dimmers

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PAGE M-11, M-12



LS Series Decorator Slide Dimmers

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PAGES M-13 - M-15



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PAGE M-16



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PAGE M-18, M-19



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PAGE M-21



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PAGE M-20

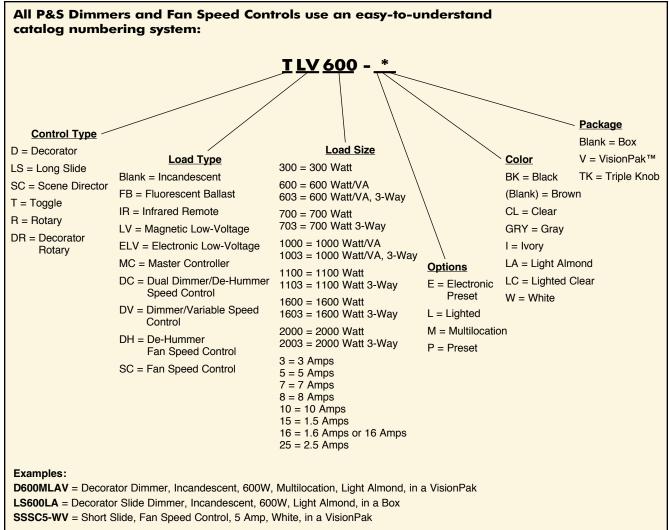


Dimmers & Fan Speed Controls Catalog Numbering System

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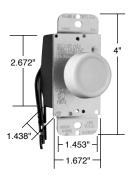
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90621



95600

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91001I 91001W		Dial, ON/OFF	120V 1000W max.	lvory White	
1500W Max	1500W Max. Incandescent Rotary Dimmers with Architectural Heat Sink				
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91501I 91501W		Dial, ON/OFF	120V 1500W max.	lvory White	
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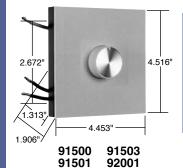
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Catalog Number	Description	Ratings	Color
1000VA Max. Magnetic Low-Voltage Specification Grade Single Pole Rotary Dimmer* with Architectural Heat Sink			
951001	Dial, ON/OFF	120V, 1000VA max.	lvory

^{*} For use with magnetic transformer incandescent low-voltage lighting.

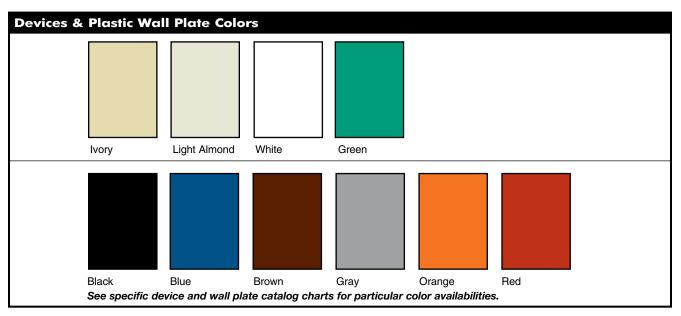
Catalog Number	Description	Color
Accessories for Rotary Heat Sink Dimmers & Fan Speed Controls		
DAPK1I DAPK1W DAPK1	1-Gang Wall Plate – Plate and Knob Kit	lvory White Brown
DAPK2I DAPK2W DAPK2	2-Gang Wall Plate – Plate and Knob Kit	lvory White Brown

For wiring diagrams, see Page S-20. For de-rating chart, see Page M-22.



Devices & Wall Plates Color Selection Chart









To order custom metal wall plates, see Pages Q-43 - Q-45.

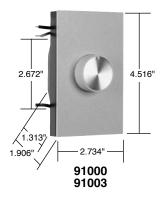
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Technical Specifications High Wattage Rotary Dimmers

Preset Push On/Off Incandescent 120VAC, 60 Hz

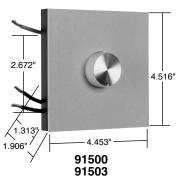




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□ 91500I	Ivory	Single Pole – Preset Push ON/OFF	1500W
□ 91503I	lvory	Three-Way – Preset Push ON/OFF	1500W
□ 91503W	White	Three-Way – Preset Push ON/OFF	1500W



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- Maximum ratings are for continuous full load.
- Superior state-of-the-art solid-state electronic circuitry design increases energy savings and extends bulb life as lighting level is reduced.
- Field-adjustable trim control permits user to set minimum light level as desired.
- Includes line voltage compensation circuitry, to reduce changes in light level caused by line voltage fluctuation.
- 600V, UL/CSA hook-up wire, multi-stranded, fray-resistant, pre-tinned, insulation rated at 105°C.
- Anodized extruded aluminum fins provide heat sink for electronic components.
- Installs in NEMA standard single-gang wall boxes.
- De-rating required when fins are removed.

Performance				
Electrical				
Voltage	120VAC 60 Hz			
Rated Load	(See Above) Incar	ndescent Only		
Filtering	Radio Frequency Interference Filtering			
Construction	Printed Circuit Board for Reliability			
3rd Party Compliance	UL Listed CSA Certified			
Controls				
Output	Safety Power Off	Switch		
Physical				
Size	Gangable			
Heat Sink	Finned Aluminum	Finned Aluminum		
Wiring	6" Color-Coded Le	6" Color-Coded Leads Pre-Stripped		
Environmental				
Application	Indoor Use Only			
Materials				
Knob	Flame Retardant I	JL94 V0, UV Stable Polycarbonate		
Back Body	Unbreakable ABS	Unbreakable ABS		
Accessories				
Snap-On Cover Plate		Provided		
Twist Wire Connectors		Provided		
Installation and Operating Inst	tructions	Provided		
1000 Watt White Cover Plate	and Knob Kit	Available: DAPK1W		
1500/2000 Watt White Cover	Plate and Knob Kit	Available: DAPK2W		
1000 Watt Brown Cover Plate	and Knob Kit	Available: DAPK1		
1500/2000 Watt Brown Cover	Plate and Knob Kit	Available: DAPK2		
Matching Rotary Switch		Available: 90200		
Project				

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