Wallbox Lighting Controls

Project Name:	Prepared By:
Project Number:	Date:
Catalog Number:	Type:

CORE
LIGHTING CONTROLS

ASPIRE LED, CFL & Incandescent Dimmer

Single-Pole & 3-Way
300W Dimmable LED, Compact Fluorescent (CFL)
600W Incandescent/Halogen

ASPIRE Dimmers

FEATURES

- Preset feature allows user to return to previous light when turning lights on.
- Integrated full-slide control for easy, precise operation.
- Preset versions can be wired as Single-Pole or 3-Way.
- Device can be wired into either 3-Way location (load side or line side).
- Neutral is not required for installation of device.
- Replaces a standard switch and offers dimming capabilities.
- Power failure memory.
- Radio Frequency Interface filtering is standard on all models.
- Electrostatic discharge protection.
- Precise color matching.
- Compatible with any decorator wallplate or screwless wallplate.
- Compatible with many dimmable CFL and LED lamps.

ASPIRE Dimmers, Back & Side Wire

LED/CFL Rating	INC/Halogen Rating	Description	Catalog No. Color Suffix
300W 120V/AC	600W 120V/AC	Slide Dimmer, Single-Pole & 3-Way LED with Preset	☐ **9573-___** AW, DS, SG, WS

Color Ordering Information

For ordering, include Cat. No. followed by the color code: AW (Alpine White), DS (Desert Sand), SG (Silver Granite), WS (White Satin)

TESTING & CODE COMPLIANCE

- cULus Listed to UL1472, file no. E47967
- NOM Certified

MATERIAL CHARACTERISTICS

- Environmental: Flammability meets UL 94 requirements; V2 rated
- Temperature Rating: 0°C to 40°C (32°F to 104°F)

Wallbox Lighting Controls Specification & Performance Data

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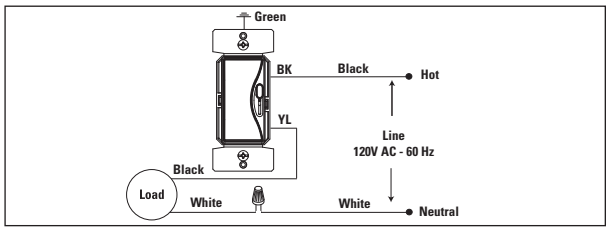
Single-Pole & 3-Way
300W Dimmable LED, Compact Fluorescent (CFL)
600W Incandescent/Halogen

Application

Cooper Wiring Devices' ASPIRE LED & CFL Dimmers provide full range classic linear-slide dimming for 300W dimmable CFL, and LED as well as 600W incandescent & halogen light sources. These units are ideal for residential and light commercial applications and are compatible with Cooper Wiring Devices Decorator style devices and wallplates. Preset units feature a preset "ON/OFF" switch that automatically returns controlled light(s) to a preset level without disturbing the brightness level. The device is designed for both Single-Pole (one location) and 3-Way (multi-location) applications.

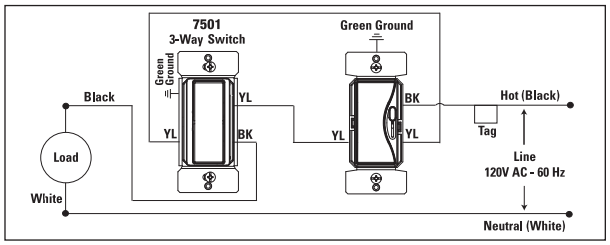
	Device Type	**ASPIRE Slide Dimmers, 9573 Series**
	Wiring Type	Back & side wire
	Testing & Code Compliance	• cULus Listed to UL1472, file no. E47967
		• NOM Certified
Specifications: Environmental	Flammability	Meets UL 94 requirements; V2 rated
	Temperature Rating	0ºC to 40ºC (32°F to 104°F)
Specifications: Electrical	Rating	120V/AC 60 Hz
	Light Intensity Control	Full-range, continuously variable dimming
	Dimming Performance	Solid State Dimming
	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
	Radio Frequency Interference	Designed to reduce interference with radio, audio and video equipment
	Power-failure Memory	Light returns to same level prior to power interruption
	Lamp Ratings	600W Incandescent, Halogen 300W Dimmable CFL, LED
Specifications: Mechanical	Wiring Types	Single-Pole & 3-Way
	LED Indicators	Load status indicator
	Voltage Ratings	Permanently marked on device
Materials:	Top Housing	Polycarbonate
	Bottom Housing	Polycarbonate
	Strap	Aluminum
	Form Factor	Decorator
	Finish	Gloss

Single-Pole Wiring Diagram, Incandescent, Halogen, LED & CFL



NOTE: Location of terminal screws are color-coded with "BK" or "YL".

3-Way Wiring Diagram, Incandescent, Halogen, LED & CFL



NOTE: 3-way switch must be used at the other location.

De-Rating Chart	600W Models		
	1-Gang	2-Gang	3-Gang
Incandescent	600W max.	500W max.	500W max.
Magnetic Low-Voltage	600VA max.	500VA max.	500VA max.
CFL and LED	300 W max.	300 W max.	300 W max.

Specifications subject to change without notice.

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CORE LIGHTING CONTROLS

ASPIRE LED, CFL & Incandescent Dimmer

Single-Pole & 3-Way
300W Dimmable LED, Compact Fluorescent (CFL)
600W Incandescent/Halogen

Compatible CFL Sources

Sylvania	CF5EL/B10/C/DIM/827 CF5EL/A15/DIM/827 CF5EL/DECO/DIM CF24EL/TWIST/827/DIM CF19EL/BR40/827/DIM CF15EL/BR30/DIM/827 CF14EL/TWIST/827/DIM CF14EL/R20/827/DIM
TCP	40114 40123 2R2014DIM 2R3016DIM 2R4019DIM 10123 8T03CL 8T05CL 8T08CL 8TC05F 8A08WH 8TF05F 2G2514DIM
Globe	CCFL R20 CCFL VANITY CCFL A-TYPE CCFL PAR20
Phillips	EL/ES Dim 20 Alto EL/A R30 DIM 16W EL/A R40 DIM 20W EL/A PAR38 DIM 20W EL/A R40 Dim 20W(150725) EL/mDT DIM 20W EL/Dt dim 32W EL/mdT Dim 15W EL/A R30 DIM 16W(150417)
Ecosmart	ES5M814DIM ES5M10123 ES5R214DIM50K ES5CCDF052 ES5R315DIM
Feit	BPESL15T/DM LBP13TC/DM BPESL23T/DIM ESL15R30/DM BPESL15R30/DM
GE	FLE15/2/DV/R30 FLE15HT3/2/DV/ FLE26/2/DV/R40 FLE26HT3/2/DV/
Neptune	24514-ADIM 32016-ADIM

Compatible LED Sources

Cooper Lighting	AP706830WBST24 (formerly ALED3T24) H455ICAT120D H456ICAT120D H455RICAT120D ML706827 ML706830 ML706835 ML706840 ML709827ICAT120D ML709830ICAT120D ML709835ICAT120D ML709840ICAT120D RL706830E26WBS RL706830WBS
Cree	LR6 LR6-DR650 LR6-DR1000 LE6 CR6 LR4E-15 LR4E-30
Philips	EnduraLED 7A 2700 A19 Dimm (407956) EnduraLED 11W 2700K PAR30S Dimmable (408096) EnduraLED 11W 3000K PAR30S Dimmable (408104) EnduraLED 11W 4200K PAR30S Dimmable (408112) EnduraLED 11W 2700K PAR30L Dimmable (408120) EnduraLED 11W 3000K PAR30L Dimmable (408138) EnduraLED 11W 4200K PAR30S Dimmable (408146) EnduraLED 11W 4200K PAR30S Dimmable (410134) EnduraLED 11W 2700K PAR30L Dimmable (410142) EnduraLED 16W 2700K 120V PAR38 Dimmable (408153) EnduraLED 16W 3000K 120V PAR38 Dimmable (408161) EnduraLED 16W 4200K 120V PAR38 Dimmable (408179) EnduraLED 6W 3000K R20 Dimm (408203)
Sylvania	LED15PAR30LN/DIM/830/FL40 LED15PAR30LN/DIM/830/NFL25 LED15PAR30LN/DIM/827/NFL25 LED15PAR30LN/DIM/827/FL40 LED18PAR38/DIM/830/NFL25 LED18PAR38/DIM/830/FL40 LED18PAR38/DIM/827/NFL25 LED18PAR38/DIM/827/FL40 LED8A/DIM/F/830 LED8A/DIM/F/827 LED8G25/DIM/F/830 LED8G25/DIM/827 LED8PAR20/DIM/830/NFL25 LED8PAR20/DIM/830/FL36 LEDPAR20/DIM/827/NFL25 LEDPAR20/DIM/827/FL36
Ecosmart	ECO-575L ECS19WW120 ECS20WWFL120 ECS30WWFL120 ECS38WWFL120 ECS25WW120
Lighting Science	DFN20NWFL120 DFN38NWFL120 DFN30NWFL120 DFN19NW120 DFN25NWFL120
Satco	S873X (PAR20) S874X, S877X (PAR30) S875X (PAR 38)
Solaris	LR30/10/30/750 LR30/25/30/750 LR30LN/10/30/850 LR30LN/25/30/850 LR38/10/30/1000 LR38/25/30/1000

Specifications subject to change without notice.
Updated June 2011

Contact Tech Support for specific compatibility inquiries:
Monday - Friday, 8:00 am to 6:00 pm EST
866-853-4293, option 3
techsupport@cooperwiringdevices.com

COOPER Wiring Devices

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TESTING & CODE COMPLIANCE

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MATERIAL CHARACTERISTICS

- Environmental: Flammability meets UL 94 requirements; V2 rated
- Temperature Rating: 0°C to 40°C (32°F to 104°F)

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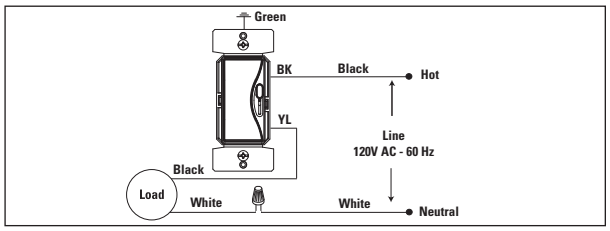
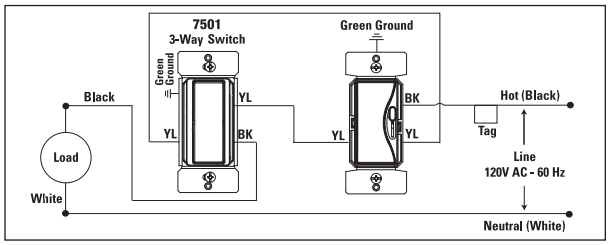
Specifications: Environmental	Flammability	Meets UL 94 requirements; V2 rated
	Temperature Rating	0ºC to 40ºC (32°F to 104°F)
Specifications: Electrical	Rating	120V/AC 60 Hz
	Light Intensity Control	Full-range, continuously variable dimming
	Dimming Performance	Solid State Dimming
	Surge Protection	Meets ANSI/IEEE Std. C62.41-1980, tested to withstand voltage surges up to 6000V and current surges of up to 200A without damage
	Radio Frequency Interference	Designed to reduce interference with radio, audio and video equipment
	Power-failure Memory	Light returns to same level prior to power interruption
	Lamp Ratings	600W Incandescent, Halogen 300W Dimmable CFL, LED
Specifications: Mechanical	Wiring Types	Single-Pole & 3-Way
	LED Indicators	Load status indicator
	Voltage Ratings	Permanently marked on device
Materials:	Top Housing	Polycarbonate
	Bottom Housing	Polycarbonate
	Strap	Aluminum
	Form Factor	Decorator
	Finish	Gloss

Single-Pole Wiring Diagram, Incandescent, Halogen, LED & CFL



NOTE: Location of terminal screws are color-coded with "BK" or "YL".

3-Way Wiring Diagram, Incandescent, Halogen, LED & CFL



NOTE: 3-way switch must be used at the other location.

De-Rating Chart	600W Models		
	1-Gang	2-Gang	3-Gang
Incandescent	600W max.	500W max.	500W max.
Magnetic Low-Voltage	600VA max.	500VA max.	500VA max.
CFL and LED	300 W max.	300 W max.	300 W max.

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Ecosmart	ECO-575L ECS19WW120 ECS20WWFL120 ECS30WWFL120 ECS38WWFL120 ECS25WW120
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