

## Cooper Lighting SDC15

# SDC15-W Skye Fan/Light Control

Model: SDC15 | Brand: Cooper Lighting

## INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Cooper Lighting SDC15-W Skye Fan/Light Control. Please read all instructions carefully before beginning installation or use to ensure proper function and safety.

## SAFETY INFORMATION

**WARNING:** To avoid fire, shock, or death; turn off power at circuit breaker or fuse box and test that the power is off before wiring. This device is intended for installation in accordance with the National Electric Code and local regulations. It is recommended that a qualified electrician perform this installation.

**CAUTION:** For indoor use only. Do not exceed the maximum wattage or amperage ratings. This device is designed for incandescent light fixtures up to 300W and ceiling fans up to 1.5A. Not for use with fluorescent lights, LED lights, or exhaust fans.

## SETUP AND INSTALLATION

Before installation, ensure the power to the circuit is turned off at the circuit breaker. This control is designed for single-gang wall box installation and supports 3-way circuit configurations.

### Wiring Instructions

1. Identify the Line (hot), Load (to fan/light), and Ground wires from your wall box.
2. Connect the green ground wire from the SDC15 to the bare copper or green ground wire in the wall box.
3. Connect the black wire labeled 'BK' (Common/Line) from the SDC15 to the incoming Line (hot) wire.
4. Connect the yellow wire labeled 'YL Light' from the SDC15 to the wire leading to your light fixture.
5. Connect the yellow wire labeled 'YL Fan' from the SDC15 to the wire leading to your ceiling fan.
6. Secure all wire connections with appropriate wire nuts.



**YL**  
Light

**BK**

**YL**  
Fan

**COOPER**

**Cat.No. SDC15**

**120VAC 60Hz**

**Fan - 1.5A**

**Dimmer - 300W**

Strip Gage

**Indoor Use Only**

(Cu) (AL)

GND

MADE IN  
CHINA



Image: Rear view of the SDC15-W control, illustrating the screw terminals for wiring connections. Labels for 'YL Light', 'BK', 'YL Fan', and 'GND' are visible, indicating connections for light, common/line, fan, and ground respectively. This view is crucial for correct electrical installation.





Image: Side profile of the SDC15-W control, showing its depth and mounting bracket. This view helps in understanding the physical dimensions for fitting into a standard wall box.

## Mounting

1. Carefully push the wired control into the wall box.
2. Secure the control to the wall box using the provided mounting screws.
3. Attach the wall plate (not included) over the control.
4. Restore power at the circuit breaker.

## OPERATING INSTRUCTIONS

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The SDC15-W features two independent slider controls: one for the ceiling fan speed and one for the light dimmer.



Image: Front view of the SDC15-W Fan/Light Control, showcasing the two vertical slider controls. The left slider has a fan icon, and the right slider has a light bulb icon, with an 'OFF' position clearly marked between them. This is the primary user interface for controlling fan speed and light intensity.

## Fan Speed Control

- To turn the fan ON, slide the left control lever upwards from the 'OFF' position.
- Slide the lever further upwards to increase fan speed.
- Slide the lever downwards to decrease fan speed.
- To turn the fan OFF, slide the lever all the way down to the 'OFF' position.

## Light Dimmer Control

- To turn the light ON, slide the right control lever upwards from the 'OFF' position.
- Slide the lever further upwards to increase light brightness.
- Slide the lever downwards to decrease light brightness.
- To turn the light OFF, slide the lever all the way down to the 'OFF' position.

## MAINTENANCE

The SDC15-W Fan/Light Control requires minimal maintenance. Ensure the power is off before cleaning.

- Clean the surface of the control with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- Periodically check the mounting screws for tightness.
- No user-serviceable parts inside. Do not attempt to disassemble the unit.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Fan/Light does not turn ON.	No power to the control; Incorrect wiring; Blown fuse/tripped breaker.	Check circuit breaker/fuse. Verify wiring connections. Ensure power is restored.
Fan speed or light brightness does not change.	Incorrect wiring; Incompatible fan/light type; Control is faulty.	Verify wiring. Ensure fan/light is compatible (incandescent for light, standard ceiling fan for fan). Replace control if necessary.
Fan hums or wobbles.	Fan motor incompatibility; Fan balance issue.	Ensure fan is compatible with solid-state speed controls. Check fan blade balance.
Light flickers or buzzes.	Incompatible bulb type; Loose bulb; Overloaded circuit.	Ensure incandescent bulbs are used. Tighten bulb. Reduce total wattage if exceeding 300W.

## SPECIFICATIONS

Feature	Detail
Model Number	SDC15
Operation Mode	Manual
Current Rating (Fan)	1.5 Amps

Feature	Detail
Wattage (Light)	300 Watts (Incandescent Max)
Operating Voltage	120 Volts
Frequency	60 Hz
Circuit Type	3-way
Contact Type	Normally Open
Connector Type	Screw
Actuator Type	Push Button (Slider)
Control Method	Touch (Slider)
Color	White
Dimensions (L x W x H)	4.25 x 1.75 x 2 inches
Item Weight	4.8 ounces
International Protection Rating	IP44
Manufacturer	Cooper Industries

## WARRANTY INFORMATION

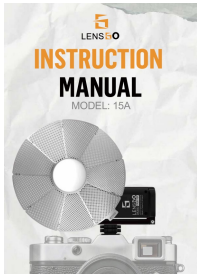
Warranty information for the Cooper Lighting SDC15-W Fan/Light Control is typically provided with your purchase or can be obtained directly from the manufacturer. Please retain your proof of purchase for warranty claims.

## CUSTOMER SUPPORT

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact Cooper Lighting customer support. Refer to the packaging or the official Cooper Lighting website for the most current contact information.

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### Related Documents - SDC15



[LENSGO 15A COB LED Light: Instruction Manual & Specifications](#)

Comprehensive instruction manual for the LENSGO 15A COB LED light. Learn about setup, operation, features, specifications, and safety precautions for this portable photography lighting solution.



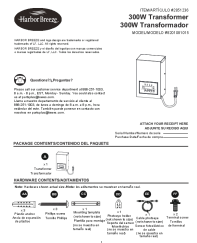
[GL LED US Lighting OMP-300W-12V LED Driver - 300W, 12V DC, IP68](#)

Detailed specifications for the GL LED US Lighting OMP-300W-12V LED Driver. Features 300W max output, 12V DC, 90-277VAC input, IP68 rating, 5-year warranty, and constant voltage operation for various lighting applications.



[PROLIGHTS EclExpo Flood300VW User Manual: 300W Asymmetric LED Floodlight](#)

Comprehensive user manual for the PROLIGHTS EclExpo Flood300VW, a 300W asymmetric LED floodlight with variable white CCT (2,700K - 6,500K). Covers safety, installation, DMX control, RDM functions, maintenance, and troubleshooting.



[Harbor Breeze 300W Landscape Lighting Transformer Installation and Operation Manual](#)

Comprehensive guide for installing and operating the Harbor Breeze 300W Landscape Lighting Transformer, including safety instructions, assembly steps, wiring guidance, operating modes, troubleshooting, and warranty information.



[MiBOXER WL5 WiFi 5-in-1 LED Strip Controller: Features, Setup, and Specifications](#)

Detailed guide for the MiBOXER WL5 WiFi 5-in-1 LED Strip Controller. Covers features, parameters, connection diagrams, linking/unlinking instructions, compatible remotes, and important usage precautions.





Bay LED light, including electrical characteristics, dimensions, and performance data.