

ONSET TWO-WIRE, LOW-VOLTAGE DIMMER

LIGHTOLIER CONTROLS

Lightolier Controls is a Philips brand

A DESIGNER-STYLE,
MICRO-TOUCH, DIGITAL DIMMER
LOW-WATTAGE: 600VA-1000VA

(NEUTRAL CONNECTION NOT REQUIRED)

Project:

Location/Type:

Description

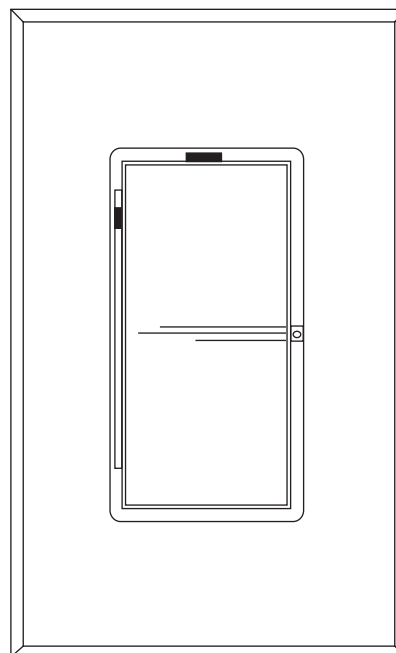
The Onset Two-Wire, Low-Voltage Dimmer is a digital, micro-touch preset dimmer, designed for use with low-voltage (600VA-1000VA) incandescent, magnetic low-voltage, neon, and cold cathode. The unit is equipped with an automatic fade and LED readout, providing full-function, three-way and multi-location dimming control when used with Onset Remotes. Onset Masters and Master Remotes have the ability to control up to four Onset dimmers simultaneously, offering an economical way to create preset lighting scenes.

Features

- Installation requires only two wires. A neutral connection is not required.
- LED readouts, including:
 - A soft green LED which indicates the current preset
 - A bright green LED which indicates the current level
 - A blinking red LED which indicates a fading off process
 - A glowing red LED which indicates that the dimmer is off
- As an individual device, the Onset Two-Wire, Low-Voltage Dimmer has the capability to recall two presets—a user-selected “on” level and full brightness.
- Manual override—allows the lights to be adjusted to any level without affecting the preset level(s), including full brightness.
- Automatic fade—gently turns the lights on and off, thereby preserving the unit's lamp life.
- Power failure memory—a feature that returns the dimmer to the level of lighting the unit held before the power failure occurred.
- Full-Function, Onset Remotes allow total dimming control from multiple locations.

Onset Operation

- Set a preset from the off position:
 - Press and hold down the rocker top located on the device.
 - Release the rocker top at the desired level.
 - Press the button labeled “Set” which is located on the right side of the device's frame.
- Turn a group of lights on to the preset:
 - Tap the rocker top once.
- Turn a group of lights on to full power:
 - Tap the rocker top twice.
- Adjust the lighting level:
 - Hold down the top or bottom of the rocker.
 - When the desired lighting level is reached, release.
- Turn the lights off:
 - Tap the rocker bottom once or twice until the lights fade off.



OS600LV / OS1000LV

Compli faceplate sold separately.
Custom engraved faceplates available.

Description	Model Number	Color Suffix
Onset 600LV Dimmer	OS-600LV	W I AL GR BL BR
Onset 1000LV Dimmer	OS-1000LV	W I AL GR BL BR

W=White, I=Ivory, AL=Almond, GR=Grey, BL=Black, BR=Brown

Made in U.S.A.

For technical/sales assistance, call: 1-800-526-2731

www.philipslightingcontrols.com P/N 87-0098B

ONSET TWO-WIRE, LOW-VOLTAGE DIMMER

Product
Specifications

Specifications

The Onset Two-Wire, Low-Voltage Dimmer is UL Listed to U.S. and Canadian safety standards for 120VAC, 60Hz, 600VA/1000VA operations to control magnetic low-voltage, neon, cold cathode, quartz halogen and incandescent lighting loads. Only two wires are required for installation. (Neutral connection not required.) Device operations include:

- Fade to preset
- Fade to full brightness
- Fade to off

The unit has the capability of storing two presets in its memory—a user-selected preset and full brightness. Through the use of an Onset Master controller, it is possible to control up to four devices simultaneously, and to recall two preset scenes. This dimmer also allows manual override of any preset level, without affecting the level set into memory.

The Onset Two-Wire, Low-Voltage Dimmer has LEDs that indicate the preset lighting level, the user preset and the off status. Following a power interruption, the Onset Two-Wire, Low-Voltage Dimmer returns to the lighting level it maintained before the interruption. It also accepts full-function commands from an unlimited number of multi-location Onset Remotes.

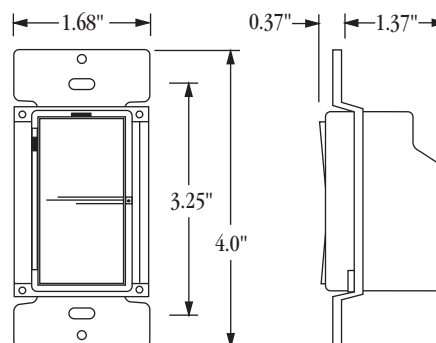
The unit's toroidal filters are used to suppress RFI and EMI. Its air gap is used to open the circuit completely. However, the air gap is unobtrusive and is not required for normal operations.

This device mounts in a single-gang wall box and can be combined with a designer-style faceplate, as well as Compli Screwless Faceplates which come in the colors of white, ivory, grey, almond or black. (sold separately)

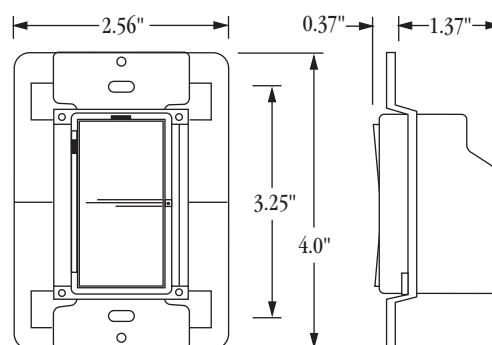
1000VA De-Rating Chart	
# Sides Removed	Maximum Load
1	800VA
2	600VA

When ganging the 1000W dimmer with other devices, de-rating is required.

Dimensions



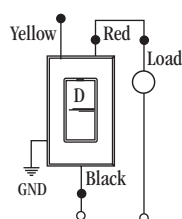
OS600LV



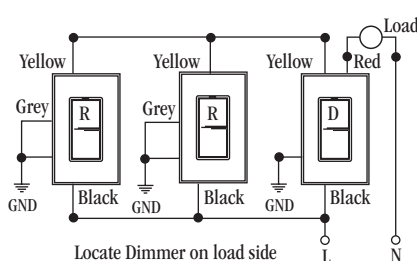
OS1000LV

Wiring Diagram

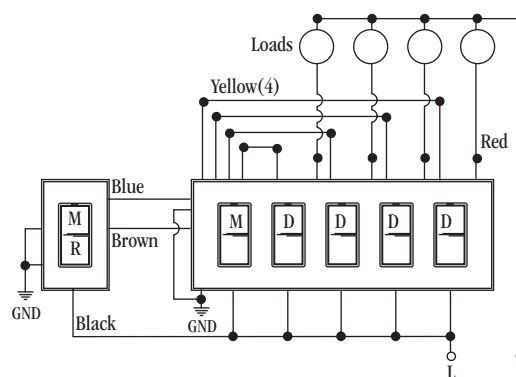
Single Pole



3-Way/Multi-Location



Master/Master Remote



Key : D=Dimmer, R=Remote, M=Master , MR=Master Remote



We reserve the right to change details of design, materials and finish in any way that will not alter the installed appearance or reduce function performance.

Philips Lighting Controls
2828 Trade Center Dr., Suite 130B
Carrollton, TX 75007

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