



Lightolier Controls is a Philips brand

A DESIGNER-STYLE, MICRO-TOUCH, DIGITAL DIMMER

FOR USE WITH LIGHTOLIER® CONTROLS POWERSPEC® HDF BALLAST

LOW-WATTAGE: 600VA

Project: _____

Location/Type: _____

Description

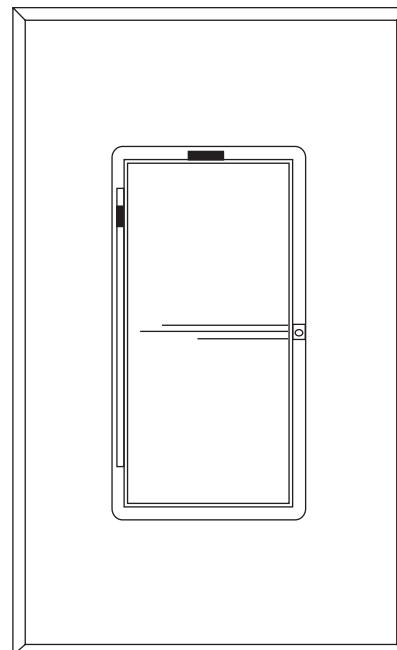
The Onset® Low-Wattage Fluorescent Electronic Dimmer is a digital, micro-touch preset dimmer, designed for use with Lightolier® Controls PowerSpec® HDF Dimming Ballast and Lightolier Controls dimming amplifiers. The unit is equipped with an automatic fade and LED readout, providing full-function, three-way 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

- 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 Low-Wattage Fluorescent Electronic 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 location.

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.



OS600HDF120

Compli® faceplate sold separately.
Custom engraved faceplates available.

Desc ription	Model Numbe r	Colo r Suffix
Onset 600VA Dimmer	OS600HDF120	W I

W=White, I=Ivory

ONSET® LOW-WATTAGE HDF FLUORESCENT ELECTRONIC DIMMER

Product
Specifications

Specifications

The Onset® Low-Wattage Fluorescent Electronic Dimmer is UL Listed to U.S. and Canadian safety standards for 120VAC, 60Hz, 600VA operations to control fluorescent lighting loads with approved Lightolier® Controls PowerSpec® HDF Electronic Ballast and Lightolier Controls dimming amplifiers. Device operations include:

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

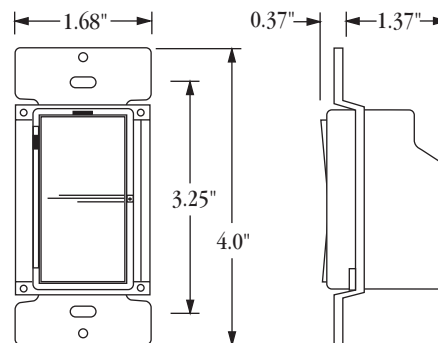
The unit has the capability of storing two presets in its memory—a user-selected preset and full brightness. Through the use of an Onset Master controller, it is possible to control up to four devices simultaneously, and to recall two preset scenes. This dimmer also allows manual override of any preset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

The Onset Low-Wattage Fluorescent Electronic Dimmer has LEDs that indicate the preset lighting level, the user preset and the off status. Following a power interruption, the Onset Low-Wattage Fluorescent Electronic 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 filter is 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, almond, light almond, grey, black, or brown (sold separately).

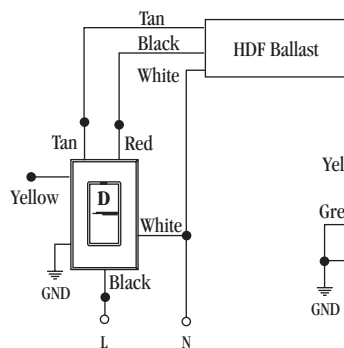
Dimensions



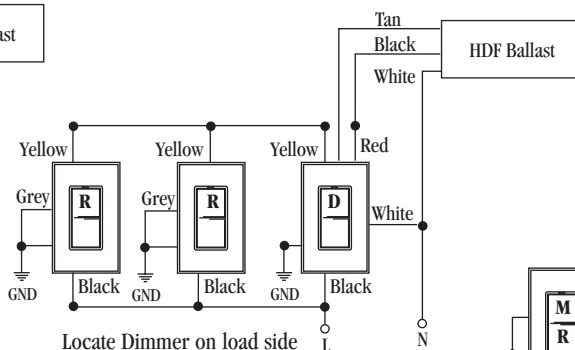
OS600HDF120

Wiring Diagram

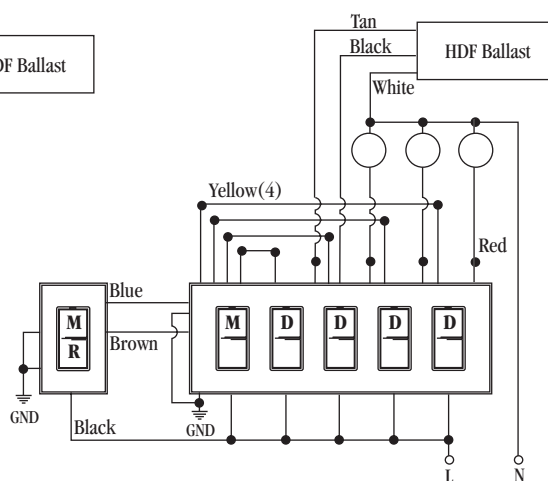
Single Pole



3-Way/Multi-Location



Master/Master Remote



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

Note: When using the OSM 4 Onset Master, all dimmers must be on the same phase.



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Made in U.S.A. Lightolier Controls 2006
www.philipslightingcontrols.com P/N 87-0149B