

# PHILIPS

DESIGNER-STYLE, MICRO-TOUCH,  
MULTI-SCENE HDF DIGITAL DIMMER  
Heatsink: 600 VA-1500 VA

(FOR 600VA LOW-WATTAGE, SEE MULTiset PRO MSP600HDF120)

Project:

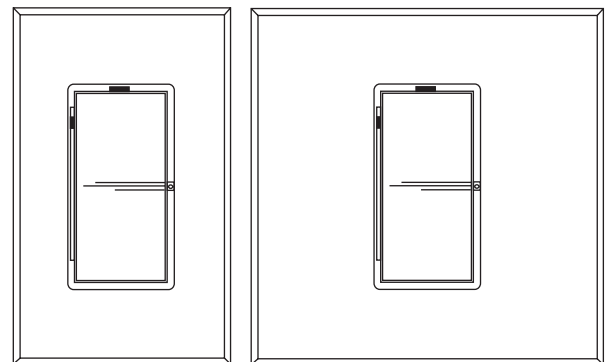
Location /Type:

## Description

The MultiSet Pro High-Wattage HDF Fluorescent Electronic Dimmer is a digital, micro-touch preset dimmer. The unit is equipped with an automatic fade and LED readout, providing full-function, three-way and multi-location dimming control when used with Philips Controls MultiSet Pro Channel Remotes. MultiSet Pro Masters provide up to thirteen preset scenes within a network of up to 30 dimmers and masters.

## Features

- Streamlined appearance, and operations.
- 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 MultiSet Pro High-Wattage Fluorescent Electronic Dimmer has the capability to recall two presets — a user-selected “on” level and full brightness. However, with a MultiSet Pro Master, the dimmer can recall up to thirteen preset scenes.
- Programmable fade rate — The device shall have a total of twelve fade rates, programmable by scene, ranging from one second to one hour.
- 2-Way communication — The device shall be capable of 2-way communication between the master and the dimmer so that the system On/Off status is always known.
- 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, MultiSet Pro Channel Masters take control of up to four devices from multiple locations and permit full-function dimming capabilities.
- Full-Function MultiSet Pro Channel Masters take control of up to four devices from multiple locations and permit full-function dimming capabilities.
- Full-Function MultiSet Pro permit total dimming control of up to 30 dimmers and masters on the network. In addition, they allow up to thirteen preset scenes. Please note that MultiSet Pro Masters and devices are not phase-sensitive.



MHP600HDF120

MHP1500HDF120

Faceplates included  
Custom engraved faceplate available

Description	Model Number	Color Suffix
MultiSet Pro 600VA Dimmer	MSP600HDF120	W I BL
MultiSet Pro 1500VA Dimmer	MSP1500HDF120	W I BL

W=White I=Ivory BL=Black

## MultiSet Operation

- Set a preset from the off position (individual):
  - 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 device frame.
- Set a preset (MultiSet Pro Master):
  - Press the desired scene on any MultiSet Pro Master.
  - Press down on the top or bottom of the dimmer rocker and hold.
  - Release the dimmer rocker at the desired level.
  - Press button labeled “Set” which is located on the device frame.
- Turn a group of lights on to the preset (individual):
  - Touch the rocker top once.
- Turn a group of lights on to the preset (MultiSet Pro Master):
  - Press the desired scene on the network master control, or activate the individual dimmer's “on” preset by touching the rocker top once.
- Turn a group of lights on to full power:
  - Tap the rocker top twice or, in MultiSet Pro Master applications, look on any MultiSet Pro Master and touch the preset labeled “On” twice.
- Adjust the lighting level of an individual dimmer:
  - Hold down the top or bottom of the rocker top.
  - When the desired lighting level is reached, release.
- Adjust the lighting level of a group of dimmers:
  - Hold down the top or bottom of any MultiSet Pro Master Control.
  - When the desired lighting level is reached, release.
- Turn the individual dimmer off:
  - Tap the rocker bottom once for fade to Off, or twice for rapid Off.
- Turn a group of dimmers off:
  - Tap the bottom of the MultiSet Pro Master.

Made in U.S.A.

For technical/sales assistance, call: 1-800-526-2731  
www.philips.com/lightingcontrolsna P/N 87-0168C

# MULTISET PRO HIGH-WATTAGE HDF FLUORESCENT ELECTRONIC DIMMER

Product  
Specifications

## Specifications

The MultiSet Pro High-Wattage HDF Fluorescent Electronic Dimmer is available in white, ivory, and black. Each device is UL Listed to U.S. and Canadian safety standards for 120VAC, 60Hz, 600VA and 1.5kVA operations to control fluorescent lighting loads with approved Philips Controls PowerSpec HDF Electronic Dimming Ballasts only. 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. Twelve additional, hidden scenes may be accessed using a MultiSet Pro Master. The dimmer allows manual override of any preset level, without affecting the level set into memory.

The MultiSet Pro System also permits simultaneous control up to 30 dimmers, switches and masters. It recalls either five or thirteen scenes, in addition to the “off” position and is not phase-sensitive.

**Programmable fade rate**—The device shall have a total of twelve fade rates, programmable by scene, ranging from one second to one hour.

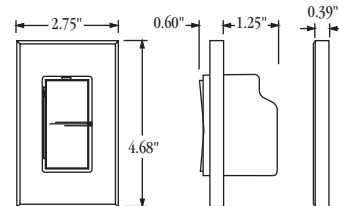
**2-Way communication**—The device shall be capable of 2-way communication between the master and the dimmer so that the system On/Off status is always known.

Following a power interruption, the MultiSet Pro High-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 MultiSet Pro Channel Remotes.

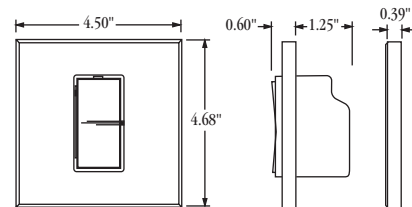
The unit's air gap is used to open the circuit completely. However, the air gap is unobtrusive and is not required for normal operations.

The device mounts in a single-gang wall box. A minimum of one inch horizontal spacing and six inches of vertical spacing must be left between each device. A standard four-inch wiring channel may be used to facilitate installation.

## Dimensions



MHP600HDF120

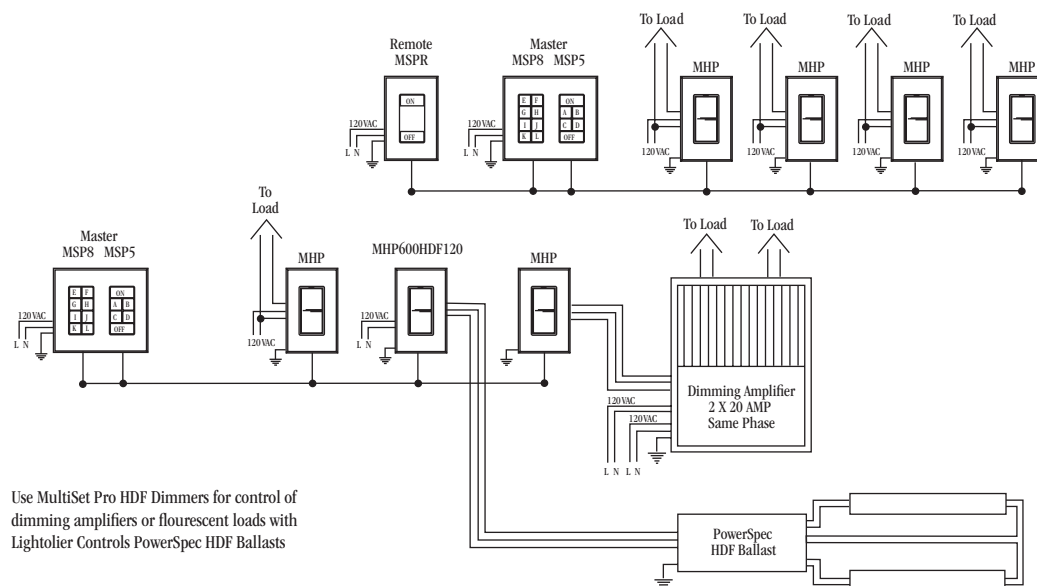


MHP1500HDF120

## Fins Broken De-Rating Chart

Dimmer Rating	600VA	1500VA
1 Side Removed	600VA	1300VA
2 Sides Removed	600VA	1100VA

## Wiring Diagram



**NOTICE:** MultiSet Pro devices are not intended for use with Arc Fault Circuit Interrupter Breakers (AFCI).

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**  
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P/N 87-0168C