

**|||||HUNT** Dimming

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## **Electronic Fluorescent Dimming Controls**

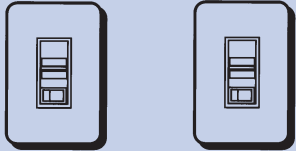
for use with compatible 0-10 VDC and  
Phase-Control dimming ballasts



## Electronic Fluorescent Dimming 0-10 VDC and Phase-Control Technologies

**HUNT Dimming** manufactures a

complete line of 0 to 10 Volt D.C. controls and Phase-Control dimmers for use with controllable electronic fluorescent ballasts.

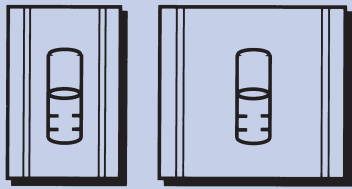


**Eclipsis Series**

These dimmers provide linear lighting control from 100% to 5% of rated lumen output and are available in single-pole or 3-way designs for both 120V and 277V applications.

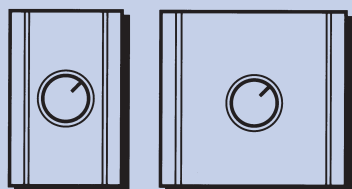


HUNT's Eclipsis Series "PS" models are specification-grade, preset slide wallbox dimmers for use in low amperage applications controlling T8, T5 or CFL lamps.



**Omega Series**

High-amperage applications are easily controlled with our "FD" modular systems which incorporate a unique wall mounted, Eclipsis Series, single-point-of-control preset slide unit, with a remote mounted FD power module for controlling up to several hundred T8 or CFL lamps.



**Accent Series**

### Typical Uses and Applications

Dimming electronic fluorescent ballasts can be accomplished through either 0-10 VDC or Phase-Control technologies. Either can be used in most dimming situations, but each has its own unique benefits.

Typically, if the application is energy-management in nature, 0-10 VDC is more likely to be used. This scenario allows the user to tie the lighting together with occupancy or daylight sensors, building management systems, or manual dimming controls.

If the application is part of an architectural lighting scheme, such as dimming a conference room or an individual office, Phase-Control technology may be most appropriate. Here, the stand-alone dimming ballast with only a two wire connection allows for simple, cost-effective retrofits and excellent single location lighting control.

If you have any questions about which ballast technology might be best for your particular application, please contact the factory for engineering assistance.

## Common Dimmer Features

- ◆ Continuous, flicker-free dimming from 100% to 5%
- ◆ Operates 1, 2 & 3 lamp compatible electronic ballasts for T8's and CFL's
- ◆ Single point-of-control for use in low or high power applications
- ◆ Specification-grade, preset designs or easy to operate, smooth slide or rotary controls
- ◆ UL & cUL Listed
- ◆ Available in single-pole or 3-way, 120V or 277V in white, ivory, brown, black, or gray
- ◆ Fits in standard 2" deep single-gang switch box
- ◆ Limited one year warranty
- ◆ EPA affiliated ENERGY STAR Buildings Ally
- ◆ Custom configurations and colors available

## For Use With

- ◆ F32, F25 or F17 T8's & T5's
- ◆ 26W quad 4-pin CFL's
- ◆ 26W, 32W and 42W triple CFL's
- ◆ FT40W long twin tubes

Note: Additional lamps are being continually added by ballast manufacturers. Please contact the factory for updated information.

## Critical Differences

It is important to understand that not all ballasts are approved to work with HUNT's 0-10 VDC and Phase-Control dimmers.

### Compatible ballasts include:

#### 0-10 VDC

Advance *Mark VII* ballasts  
Osram Sylvania dimming ballasts  
Prescolite *Intelectplus* ballasts  
MagneTek *Ballastar* ballasts  
ESI *SuperDim* ballasts  
Motorola *Helios* ballasts  
GE Dimming ballasts

#### Phase-Control

Advance *Mark X* ballasts  
Philips *EcoTron* ballasts  
Lutron *Tu-Wire* ballasts

Note: As they become approved, additional ballasts from different manufacturers are being added to this list. Please contact the factory for updated information.

## Caution

**The two ballast technologies used in electronic fluorescent dimming (0-10 VDC and Phase-Control) ARE NOT COMPATIBLE!**

**0-10 VDC** ballasts utilize a total of four (4) wires...two low-voltage leads are for ballast control and two line voltage wires are for ON/OFF power control.

**Phase-Control** ballasts use the same two (2) wires to power the ballast and to control the light level.

**It is critical that the dimmer and ballast be properly matched to each other...or the dimmer and ballast will not function properly...and component damage may result.**

**If you have any application questions or concerns, please contact the factory for assistance before purchasing your electronic fluorescent dimming system components.**

## HUNT Warranties:

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HUNT devices are protected by a limited one-year warranty.

**HUNT also manufactures**

## Custom 277 Volt and 50 Hz Controls

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HUNT Dimming specializes in semi-custom and custom lighting dimmers, fan speed and motor controls in large and small-lot quantities.

HUNT Dimming offers custom controls for:

- Incandescent, Fluorescent, Low-Voltage, Neon and Fan & Motor Control applications.
- 105/110/120/130 Volt or 208/220/240/277 Volt inputs.
- 50Hz or 60Hz frequency.
- Single-pole or 3-Way installation.
- Comprehensive array of wattage ratings.

*HUNT Dimming can customize our products to meet your specific needs.*

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