

Shown actual size: Nova dimmer and 1-gang Architectural wallplate in White (WH).

## Product family features

- Slide adjusts light to suit any activity
- Full family of controls plus matching fan controls, switches and wiring devices
- Does not mount with Nova T로®® under common wallplate
- Voltage compensation maintains stable light levels, despite line voltage variations
- Mechanical air-gap to disconnect load power
- $100 \%$ factory tested
- Original thick profile does not fit flush against the wall, for thinner profile, see Nova T걔 on pg. 26
- Coordinating wallplate included
- Custom engraving and custom coloring available for wallplates, see pg. 155


## Control types

.65 in ( 16.5 mm ) Single-pole (one location) profile

Direct load type compatibility
( Incandescent/halogen lighting
P Magnetic low-voltage lighting
$\because$ Electronic low-voltage lighting
@ Neon/cold cathode lighting
TE Fluorescent lighting
(28) LED lighting

Ceiling fans

## Load types requiring load interface

Lighting load interfaces may be applicable for some load type, voltage and capacity combinations.
For additional information, see pg. 174.

## Available finishes

Use BOLD color code in model number (Example: N -600-BE)
Architectural matte finishes*


White


TP Taupe


LA
Light Almond


GR
Gray


AL
Almond


SI
Sienna


BE
Beige


BR Brown


IV
Ivory


BL
Black

## Dimmers

Slide-to-off dimmers/single-pole


- Slide up to brighten; down to dim
- Standard size dimmer shown
- Higher capacity loads require large controls, see below

Preset dimmers/3-way


- Slider button turns lights on/off
- Slide up to brighten; down to dim
- Standard size dimmer shown
- Higher capacity loads require large controls, see below


## Switches and fan controls

Linear-slide switches


- Slide up to on; down to off

Slide-to-off fan controls


- Slide up to on/increase speed; down to decrease speed/off
- Fully variable control for use with multiple ceiling paddle fans or exhaust fans
- Standard size fan control shown
- Higher capacity loads require large controls, see below


## Large control

- Higher capacity dimmers require larger heat sink behind wallplate
- Large controls available as preset dimmer, slide-to-off dimmer or fan control
- Large control measures 4.56 in $\times 4.56$ in
- Requires large wallplate
- Most can fit in a 1-gang electrical backbox


## Connections overview

## Load connections*



## Control types (for 2 or more locations)

Dim from one location, switch from the others


Light 3-way 3-way
Source Dimmer Switch


For more information on ballasts, visit www.lutron.com/ballasts.
For more information on LED drivers, visit www.lutron.com/LED.
${ }^{*}$ For illustration purposes only. Consult model number pages for specific voltage and capacity information.

## Dimmer model numbers

| Incandescent/halogen dimmers (small and large controls) |  |
| :---: | :---: |
| Slide-to-off dimmers |  |
| Single-pole (small) | N-600-AA ${ }^{2}$ |
| 120V 600W |  |
| Single-pole (small) | N-1000- $\mathbf{A A}^{\mathbf{2}}$ |
| 120V 1000W |  |
| Single-pole (large) | N-1500- $\mathbf{A A}^{\mathbf{2}}$ |
| 120V 1500W |  |
| Single-pole (large) | N-2000- A $^{\mathbf{2}}$ |
| 120V 2000W |  |
| Preset dimmers |  |
| 3-way/single-pole (small) | N-603P- AA $^{2}$ |
| 120V 600W |  |
| 3-way/single-pole (small) | N-1003P-AA ${ }^{2}$ |
| 120V 1000W |  |
| 3-way/single-pole (large) | N-1503P- AA $^{\mathbf{2}}$ |
| 120V 1500W |  |
| 3-way/single-pole (large) | N-2003P- AA $^{\mathbf{2}}$ |
| 120V 2000W |  |

For 3-way and 4-way switching, use N-3PS-, N -4PS- or other mechanical switches.

Magnetic low-voltage and/or
@ Neon/cold cathode dimmers*
(small and large controls)
Slide-to-off dimmers
Single-pole (small) NLV-600-AA ${ }^{2}$
120V 600VA (450W)
Single-pole (large) NLV-1000- $\mathbf{A A}^{\mathbf{2}}$
120V 1000VA (800W)
Single-pole (large) NLV-1500- $\mathbf{A A}^{\mathbf{2}}$
120V 1500VA (1200W)
For neon/cold cathode dimming, consult Lutron® Technical Support: Application note \#25.

AA $^{2}$ : Architectural matte color codes, see pg. 35 (1-gang wallplate included)

Magnetic low-voltage dimmers
(small and large controls)
Preset dimmers
3-way/single-pole (small) NLV-603P-AA ${ }^{2}$
120V 600VA (450W)
3-way/single-pole (small) NLV-1003P-AA ${ }^{2}$
120V 1000VA (800W)
3-way/single-pole (large) NLV-1503P-AA ${ }^{2}$
120V 1500VA (1200W)
3-way/single-pole (large) NLV-2003P-AA ${ }^{2}$
120V 2000VA (1600W)
For 3-way and 4-way switching, use N-3PS-, N -4PS- or other mechanical switches.

The stated VA (Volt-Ampere) rating includes the magnetic transformer heat losses and the lamp load. The stated W (Watt) rating is the maximum lamp wattage based on assumed $20 \%$ transformer loss.

Electronic low-voltage dimmer*
(small control)
Slide-to-off dimmer
Single-pole
NELV-450-AA ${ }^{2}$
120V 450W
Only certain LED drivers are dimmable using an
ELV dimmer, for more information visit www.lutron.com/LED.

Custom ganging and derating applies, see pg. 170.
*Requires neutral wire connection.

## Dimmer model numbers

© 3-wire fluorescent dimmers*
(small and large controls)
Slide-to-off dimmers
Single-pole (small) NF-10-AA ${ }^{2}$
120V 16A
Single-pole (large) NF-10-277- AA ${ }^{2}$
277V 8A
Preset dimmers
3-way/single-pole (small) NF-103P-AA ${ }^{2}$ 120V 8 A
3-way/single-pole (large) NF-103P-277-AA ${ }^{2}$ 277V 6A
For use with Hi-lume®, Hi-lume® Compact SE, Hi-lume®3D, Eco-10®, EcoSystem® ballasts. Also compatible with Hi-lume® LED driver.
For 3-way and 4-way switching use N-3PS-, N -4PS- or other mechanical switches.
No derating required if ganged.
Adjustable low-end trim.
(F 0-10 V dimmer (current sink control)
(small controls)
Slide-to-off dimmer
Single-pole
NFTV-AA ${ }^{2}$
30 mA max control current
Control provides dimming signal only. For dimming with on/off switching, use with Lutron PowerPack: PP-120H, PP-277H or PP-347H.
Consult ballast manufacturer for specific ballast current draw to determine maximum number of ballasts per control.
For information on using Lutron® dimmers to control: Advance Mark VII dimming ballasts, visit
www.lutron.com/advance; Universal dimming ballasts, visit www.lutron.com/universal.

No derating required if ganged.

AA $^{2}$ : Architectural matte color codes, see pg. 35 (1-gang wallplate included)

源 Tu-Wire® fluorescent dimmer
(small control)
Slide-to-off dimmer
Single-pole NFTU-5A-AA ${ }^{2}$
120V 5A
Also compatible with Advance Mark X
ballasts. For further information, visit
www.lutron.com/advance.
For information on use with Universal and OSRAM ballasts, contact Technical Support at 1.800.523.9466.

Fluorescent dimmers with magnetic ballasts* (small and large control)
Slide-to-off dimmers
Single-pole (small) NF-10-AA ${ }^{2}$
120V 10 lamps
Single-pole (large)
NF-20-AA ${ }^{2}$
120V 20 lamps
Single-pole (large)
NF-30-A $\mathbf{A}^{2}$
120V 30 lamps
Single-pole (large)
NF-10-277-AA ${ }^{2}$
277V 10 lamps
Single-pole (large)
NF-20-277-AA ${ }^{2}$
277V 20 lamps
For best fluorescent dimming performance and reliability, Lutron strongly recommends using Hi-lume, Hi-lume Compact SE, Eco-10, EcoSystem, TVEтм or Tu-Wire electronic dimming ballasts and appropriate controls.

For more information on Lutron ballasts, visit www.lutron.com/ballasts.
Custom ganging and derating applies, see pg. 170.
*Requires neutral wire connection.

## Dimmer model numbers

(2)

Hi-lume® LED drivers:
3-wire fluorescent dimmers*
(small and large controls)
Slide-to-off dimmers

| Single-pole (small) | $\mathrm{NF}-10-{\underline{\mathbf{A A}^{2}}}^{\mathbf{2}}$ |
| :--- | ---: |
| 120 V 16A |  |
| Single-pole (large) | $\mathrm{NF}-10-277-\mathbf{A A}^{2}$ |
| 277 V 8A |  |

Preset dimmers
3-way/single-pole (small) NF-103P-AA ${ }^{2}$
120V 8A
3-way/single-pole (large) NF-103P-277-AA ${ }^{2}$
277V 6A
Exclusively compatible with Hi-Lume LED driver.
For more information on Hi-lume LED drivers, visit www.lutron.com/HilumeLED.
For 3-way and 4-way switching use N-3PS-
N -4PS- or other mechanical switches.
No derating required if ganged.
Adjustable low-end trim.0-10V LED drivers:
0-10V dimmers (current sink control)
(small controls)
Slide-to-off dimmers
Single-pole
NFTV-AA ${ }^{2}$
30 mA max control current
Control provides dimming signal only. For dimming with on/off switching, use with Lutron PowerPack: PP-120H, PP-277H or PP-347H.
Consult ballast manufacturer for specific ballast current draw to determine maximum number of ballasts per control.
For compatible 0-10V LED drivers by others, visit www.lutron.com/LED.

No derating required if ganged.

AA $^{2}$ : Architectural matte color codes, see pg. 35 (1-gang wallplate included)

## Switch and fan control model numbers

- Switches
(small controls)
General purpose switches

| Single-pole 120/277V 20A | N-1PS- AA $^{2}$ |
| :---: | :---: |
| Single-pole | N-1PS-347-AA ${ }^{\mathbf{2}}$-CSA |
| 347V 20A |  |
| 3-way | N-3PS- AA $^{\mathbf{2}}$ |
| 120/277V 20A |  |
| 3-way | N-3PS-347- $\mathbf{A A}^{\mathbf{2}}$-CSA |
| 347V 20A |  |
| 4-way | N-4PS- AA $^{\mathbf{2}}$ |
| 120/277V 20A |  |

No derating required if ganged.

## Fan controls

(small and large controls)
Slide-to-off fan controls-fully variable

| Single-pole fan control (small) | NFS-6E- AA $^{2}$ |
| :--- | :--- |
| 120 V 6A |  |
| Single-pole fan control (large) | NFS-12E- AA $^{2}$ | 120V 12A

No derating required if ganged.

Custom ganging and derating applies, see pg. 170.
*Requires neutral wire connection.

## Accessories

Multi-gang applications

. 65 in ( 16.5 mm )
profile including
faceplate and

Coordinated electrical devices


Tamper resistant GFCI receptacle


Customizable
6-port frame


Cable jack

Shown actual size: Custom Architectural multi-gang Nova wallplate in White (WH).
Custom ganging and derating required for Nova controls, see pg. 170.
For information about Nova multi-gang wallplates, visit www.lutron/custommultigang.

