## LP Dimming Panels

LP dimming panels are ideal for projects with many small loads. Each panel provides power and dimming for up to 32 controllable outputs.

## Features

- Works directly with incandescent, magnetic low-voltage, and neon/cold cathode lighting, as well as Lutron TuWire fluorescent dimming ballasts.
- Works with electronic low-voltage lighting via power interfaces.
- Works with 3-wire AC motors through motor modules.
- Panels are prewired - just bring in feed and load wiring.
- Surface or recess mount between 16 in ( 40 cm ) center-to-center studs.


## Models available with:

- $120 \mathrm{~V} \sim$, 220-240 V~ (non CE), or $230 \mathrm{~V} \sim(\mathrm{CE})$ input power.
- 1-8 dimming modules for 4-32 controllable outputs.
- Different feed types and breakers.


## LP Dimming Panels work with:

- GRAFIK Eye 4000 control units.
- Quantum systems.
- GP dimming panels and XP switching panels.
- DMX512 dimming systems via the 2Link option.


Mini LP Dimming Panel LP1/4-LP3/12


Model Numbers:

| Job Name: |
| :--- |
| $\square$ |
| Job Number: $\quad \square$ |

## adel Numbers.

## Specifications

Regulatory Approvals (120 V~ panels only)

- UL Listed (Reference: UL File 42071).
- Complies with CSA, NOM, or CE (where appropriate. Contact Lutron for listing details on custom panels).


## Power

- Input power: $120 \mathrm{~V} \sim, 220-240 \mathrm{~V} \sim($ non CE), and $230 \mathrm{~V} \sim(\mathrm{CE})$. All voltages $50 / 60 \mathrm{~Hz}$, phase-to-neutral.
- Branch circuit breakers (AIC ratings):
- $120 \mathrm{~V} \sim 10,000 \mathrm{~A}$
-220-240 V~6000 A
- $230 \mathrm{~V} \sim(\mathrm{CE}) 6000 \mathrm{~A}$
- Lightning strike protection: Meets ANSI/IEEE standard 62.41-1980. Can withstand voltage surges of up to $6000 \mathrm{~V} \sim$ and current surges of up to 3000 A .
- 10-year power failure memory: Automatically restores lighting to scene selected prior to power interruption.


## Short-Circuit Current Ratings (other ratings

 available)| Panel Type | Voltage | Standard SCCR Rating |
| :--- | :--- | :--- |
| LP Main Lug Panels <br> (all sizes) | 120 V~ | $25,000 \mathrm{~A}$ |

## Sources/Load Types

Operates these sources with a smooth, continuous Square Law dimming curve or in a full-conduction, non-dim state:

- Incandescent (Tungsten/Halogen).
- Magnetic Low-Voltage transformer.
- Lutron Tu-Wire electronic fluorescent dimming ballasts.
- Neon/Cold Cathode.

Operates these sources via power interfaces:

- Leading edge Electronic Low-Voltage transformer via dedicated internal dimming modules or external power interfaces.
- Lutron electronic fluorescent dimming ballasts via external power interfaces.
- Operates HID sources in a full conduction, non-dim state.
- LED and Compact Fluorescent*


## Dimming Modules**

- Each dimming module can handle a fully loaded electrical circuit, up to four controllable outputs per module.


## Maximum Ratings

| Voltage | Capacity per <br> Dimming Module | Capacity per <br> Dimming Leg |
| :--- | :--- | :--- |
| $120 \mathrm{~V} \sim$ | 16 A | 16 A |
| $220-240 \mathrm{~V} \sim$ (non-CE) | 16 A | 16 A |
| $230 \mathrm{~V} \sim(\mathrm{CE})$ | 13 A | 10 A |

- RTISS filter circuit technology compensates for incoming line voltage variations: No visible flicker with $+/-2 \%$ change in RMS voltage/cycle and $+/-2 \% \mathrm{~Hz}$ change in frequency/second.


## Wiring

- Internal: Prewired by Lutron.
- System communications: Low-Voltage

IEC PELV/ NEC ${ }_{\text {® }}$ Class 2 wiring connects dimming panels to other components.

- Line (mains) voltage: Feed and load wiring only. No other wiring or assembly required.


## Setup

Circuit selector electronically assigns controllable outputs to zones and sources; permits reassignment of zones and sources without rewiring.

## Physical Design

- Enclosure: NEMA-Type 1, IP-20 protection; 16 U.S. gauge steel. Indoor use only.
- Weight: $27 \mathrm{lb}(13 \mathrm{~kg})$ for Mini LP, $63 \mathrm{lb}(29 \mathrm{~kg})$ for Standard-Size LP.


## Mounting

- Surface mount or recess mount between 16 in ( 40 cm ) studs.
- Allow space for ventilating.


## Environment

$32-104{ }^{\circ} \mathrm{F}\left(0-40^{\circ} \mathrm{C}\right)$. Relative humidity less than $90 \%$, non-condensing.

[^0]| Job Name: |
| :--- |
| $\square$ |
| Job Number: $\quad \square$ |

## Model Numbers:

$\square$


## How to Build an LP Dimming Panel Model Number



Prefix

- LP: Dimming Panel


## Number of Dimming Modules

- Indicates number of dimming modules in the panel. Also indicates number of full load circuits.


## Number of Controllable Outputs

- Indicates number of controllable outputs in the panel. Each module has four controllable outputs.


## Voltage

- 120: 120 V ~
- 230: $230 \mathrm{~V} \sim(\mathrm{CE})$
- 240: 220-240 V~ (non-CE)


## Feed Type

- 2: 1-phase 2-wire
- 3: 1-phase 3 -wire (split-phase)
- 4: 3-phase 4-wire


## Panel Feed

- ML: Main Lugs only
- Mxx: Main Breaker with xx = breaker size in Amps (custom panel option)
- IS: Isolation Switch (CE/non-CE only)


## Branch Circuit Breaker Rating

- 20: 20 A branch circuit breakers ( 120 V ~ only)
- 15: 15 A branch circuit breakers ( $120 \mathrm{~V} \sim$ only)
- 13: 13 A branch circuit breakers ( 230 V ~ CE only)
- 16: 16 A branch circuit breakers ( $240 \mathrm{~V} \sim$ non-CE only)

Custom Panel Suffix

- CGP number indicates specific characteristics of a customized panel.

| Job Name: |
| :--- |
| $\square$ |
| Job Number: $\quad \square$ |

[^1]
## Models

Only standard panels listed. Consult Lutron for further options.

## Mini LP Dimming Panels

## 120 V~ Power

| Number of Dimming Modules | Number of Controllable Outputs | Feed Type | Maximum Feed | Panel Feed |
| :---: | :---: | :---: | :---: | :---: |
| LP1 | 4 | 102 W | 20 A | 15 A or $20 \mathrm{~A}^{1}$ branch circuit breakers |
| LP2 | 8 | 102 W | 40 A |  |
|  |  | 103 W | 20 A |  |
| LP3 | 12 | 102 W | 40 A |  |
|  |  | 103 W | 40 A |  |
|  |  | $3 \varnothing$ 4W | 20 A |  |

1 20/16 A, 15/12 A continuous load rating.
220-240 V~ (non-CE) Power

| Number of <br> Dimming Modules | Number of <br> Controllable Outputs | Feed <br> Type | Maximum <br> Feed | Panel <br> Feed |
| :---: | :---: | :--- | :--- | :--- |
| LP1 | 4 | $1 \varnothing 2 \mathrm{~W}$ | 16 A | 16 A |
| LP2 | 8 | $1 \varnothing 2 \mathrm{~W}$ | 32 A |  |
| circuit |  |  |  |  |
| LP3 | 12 | $1 \varnothing 2 \mathrm{~W}$ | 48 A | breakers |
|  | $3 \varnothing 4 \mathrm{~W}$ | 16 A |  |  |

230 V~ (CE) Power

| Number of <br> Dimming Modules | Number of <br> Controllable Outputs | Feed <br> Type | Maximum <br> Feed | Panel <br> Feed |
| :---: | :---: | :--- | :--- | :--- |
| LP1 | 4 | $1 \varnothing 2 \mathrm{~W}$ | 13 A | 13 A |
| LP2 | 8 | $1 \varnothing 2 \mathrm{~W}$ | 26 A |  |
| LP3 | 12 | $1 \varnothing 2 \mathrm{~W}$ | 39 A | breakers |
|  |  | $3 \varnothing 4 \mathrm{~W}$ | 13 A |  |

## Wire Sizes

## Feed Wiring

Power (Hot/Live) connects directly to branch circuit breakers:

- 120 V~: 14 AWG to 10 AWG ( $2.0 \mathrm{~mm}^{2}$ to $4.0 \mathrm{~mm}^{2}$ )
- 220-240 V~ (non-CE): 18 AWG to 4 AWG ( $1.0 \mathrm{~mm}^{2}$ to $25 \mathrm{~mm}^{2}$ )
- $230 \mathrm{~V} \sim(\mathrm{CE})$ : 18 AWG to 4 AWG ( $1.0 \mathrm{~mm}^{2}$ to $25 \mathrm{~mm}^{2}$ )

Neutral connects to neutral lug:

- 120 V~: 14 AWG to 2/0 AWG ( $2.0 \mathrm{~mm}^{2}$ to $70 \mathrm{~mm}^{2}$ )
- 220-240 V~: 14 AWG to 8 AWG ( $2.0 \mathrm{~mm}^{2}$ to $6.0 \mathrm{~mm}^{2}$ )
- $230 \mathrm{~V} \sim(C E)$ : 14 AWG to 8 AWG ( $2.0 \mathrm{~mm}^{2}$ to $6.0 \mathrm{~mm}^{2}$ )

Load Wiring

- All Models: 14 AWG to 10 AWG ( $2.0 \mathrm{~mm}^{2}$ to $4.0 \mathrm{~mm}^{2}$ )

| Job Name: |
| :--- |
| $\square$ |
| Job Number: $\quad \square$ |

## Model Numbers:

$\square$

Models (continued)
Only standard panels listed. Consult Lutron for further options.

## Standard-size LP Dimming Panels

120 V~ Power

| Number of Dimming Modules | Number of Controllable Outputs | Feed Type | Maximum Feed | Panel Feed | Branch Circuit Breakers |
| :---: | :---: | :---: | :---: | :---: | :---: |
| LP4 | 16 | 304 W | 175 A | Main lugs only | 15 A or $20 \mathrm{~A}^{1}$ |
| LP5 | 20 | 304 W | 175 A |  |  |
| LP6 | 24 | 304 W | 175 A |  |  |
| LP7 | 28 | 304 W | 175 A |  |  |
| LP8 | 32 | 304 W | 175 A |  |  |

1 20/16A, 15/12A continuous load rating.
220-240 V~ (non-CE) Power

| Number of <br> Dimming Modules | Number of <br> Controllable Outputs | Feed <br> Type | Maximum <br> Feed | Panel <br> Feed | Branch <br> Circuit Breakers |
| :---: | :---: | :--- | :--- | :--- | :--- |
| LP4 | 16 | $3 \varnothing 4 \mathrm{~W}$ | 125 A |  |  |
| LP5 | 20 | $3 \varnothing 4 \mathrm{~W}$ | 125 A | Isolation | 16 A |
| LP6 | 24 | $3 \varnothing 4 \mathrm{~W}$ | 125 A | switch |  |
| LP7 | 28 | $3 \varnothing 4 \mathrm{~W}$ | 125 A |  |  |
| LP8 | 32 | $3 \varnothing 4 \mathrm{~W}$ | 125 A |  |  |

230 V~ (CE) Power
$\left.\begin{array}{|c|c|l|l|l|l|}\hline \begin{array}{l}\text { Number of } \\ \text { Dimming Modules }\end{array} & \begin{array}{l}\text { Number of } \\ \text { Controllable Outputs }\end{array} & \begin{array}{l}\text { Feed } \\ \text { Type }\end{array} & \begin{array}{l}\text { Maximum } \\ \text { Feed }\end{array} & \begin{array}{l}\text { Panel } \\ \text { Feed }\end{array} & \begin{array}{l}\text { Branch } \\ \text { Circuit Breakers }\end{array} \\ \hline \text { LP4 } & 16 & 3 \varnothing 4 \mathrm{~W} & 125 \mathrm{~A} & & \\ \hline \text { LP5 } & 20 & 3 \varnothing 4 \mathrm{~W} & 125 \mathrm{~A} & \text { Isolation } & \\ \hline \text { LP6 } & 24 & 3 \varnothing 4 \mathrm{~W} & 125 \mathrm{~A} & \\ \text { switch }\end{array}\right)$

## Wire Sizes

Feed Wiring to Main Lugs (120 V~ Only):

- Power (Hot/Live): (3) 14 AWG to 2/0 AWG ( $2.0 \mathrm{~mm}^{2}$ to $70 \mathrm{~mm}^{2}$ )
- Neutral: (1) 14 AWG to 2/0 AWG ( $2.0 \mathrm{~mm}^{2}$ to $70 \mathrm{~mm}^{2}$ )

Feed Wiring to Isolation Switch (CE/non-CE only):

- Power (Hot/Live): (3) $2.5 \mathrm{~mm}^{2}$ to $35 \mathrm{~mm}^{2}$
- Neutral: (1) $2.5 \mathrm{~mm}^{2}$ to $35 \mathrm{~mm}^{2}$


## Load Wiring

- All Models: 14 AWG to 10 AWG ( $2.0 \mathrm{~mm}^{2}$ to $4.0 \mathrm{~mm}^{2}$ )

| Job Name: |
| :--- |
| $\square$ |
| Job Number: $\quad \square$ |

Model Numbers:
$\square$

## Dimensions

All dimensions shown as: in (mm)
Mini LP Dimming Panels


| Job Name: |
| :--- |
| $\square$ |
| Job Number: $\quad \square$ |

Model Numbers:

Dimensions (continued)
All dimensions shown as: in (mm)

## Standard-size LP Dimming Panels



紫LUTRON SPECIFICATION SUBMITTAL
Page 7
Job Name:
Model Numbers:

## Mounting

## Mini LP Dimming Panels

- Surface- or recess-mount indoors.
- Consult Dimensions page for dimensions and conduit knockout locations.
- Panel generates heat. Mount only where ambient temperature is $32-104{ }^{\circ} \mathrm{F}\left(0-40^{\circ} \mathrm{C}\right)$.
- This equipment is air-cooled. Do not block vents or warranty will be void.
- Mount panels where audible noise is acceptable. (Panels hum slightly and internal relays click.)
- Mount panels so line (mains) voltage wiring is at least $6 \mathrm{ft}(1.8 \mathrm{~m})$ from sound or electronic equipment and wiring.
- Mount panel within $7^{\circ}$ of true vertical.


## Surface Mounting

- Surface mounting keyholes accept $1 / 4$ in (6 mm) mounting bolts. This size is recommended.


| Panel | Maximum BTUs/hour | Weight Without Packaging |
| :---: | :---: | :---: |
| LP1 | 90 | $33 \mathrm{lb}(15 \mathrm{~kg})$ |
| LP2 | 170 | $35 \mathrm{lb}(16 \mathrm{~kg})$ |
| LP3 | 250 | $37 \mathrm{lb}(17 \mathrm{~kg})$ |

## Maximum Feed and Wire Sizes <br> Consult Wiring page.

## Recess Mounting

- Mount to wall stud by screwing through slots in corners of panel.
- Mount panel between flush and $1 / 8$ in ( 3 mm ) below finished wall surface.


| Job Name: |
| :--- |
| $\square$ |
| Job Number: |

Model Numbers:
$\square$

## Mounting (continued)

## Standard-size LP Dimming Panels

- Surface- or recess-mount indoors.
- Consult Dimensions page for dimensions and conduit knockout locations.
- Panel generates heat. Mount only where ambient temperature is $32-104^{\circ} \mathrm{F}\left(0-40^{\circ} \mathrm{C}\right)$.
- This equipment is air-cooled. Do not block vents or warranty will be void.
- Reinforce wall structure for weight and local codes.
- Mount Panels where audible noise is acceptable. (Panels hum slightly and internal relays click.)
- Mount Panels so line (mains) voltage wiring is at least $6 \mathrm{ft}(1.8 \mathrm{~m})$ from sound or electronic equipment and wiring.
- Mount Panel within $7^{\circ}$ of true vertical.


## Surface Mounting

- Surface mounting keyholes accept $1 / 4$ in (6 mm) mounting bolts. This size is recommended.


| Panel | Maximum BTUs/hour | Weight Without Packaging |
| :---: | :---: | :---: |
| LP4 | 330 | $55 \mathrm{lb}(25 \mathrm{~kg})$ |
| LP5 | 410 | $57 \mathrm{lb}(26 \mathrm{~kg})$ |
| LP6 | 490 | $59 \mathrm{lb}(27 \mathrm{~kg})$ |
| LP7 | 570 | $61 \mathrm{lb}(28 \mathrm{~kg})$ |
| LP8 | 650 | $63 \mathrm{lb}(29 \mathrm{~kg})$ |

## Maximum Feed and Wire Sizes <br> Consult Wiring page.

## Recess Mounting

- Mount to wall stud by screwing through slots in corners of panel.
- Mount panel between flush and $1 / 8$ in ( 3 mm ) below finished wall surface.


| Job Name: |
| :--- |
| $\square$ |
| Job Number: $\quad \square$ |

Model Numbers:

## Wiring

## Mini LP Dimming Panels

Wire the Mini LP panel similarly to a lighting distribution panel:

- Run feed and load wiring; no other wiring or assembly is required.
- Run separate neutrals for each module (no common neutrals across phases).
The Mini LP panel can provide temporary lighting:
- Wire all loads.
- Do not remove the bypass jumpers that protect the dimming modules.
- Use branch circuit breakers to switch lights on and off.


| Job Name: |
| :--- |
| $\square$ |
| Job Number: $\quad \square$ |

Model Numbers:

|  | $\square$ |
| :--- | :--- |
| $\square$ | $\square$ |

## Wiring (continued)

## Standard-size LP Dimming Panels

Wire the LP panel similarly to a lighting distribution panel:

- Run feed and load wiring; no other wiring or assembly is required.
- Run separate neutrals for each module (no common neutrals across phases).
The LP panel can provide temporary lighting:
- Wire all loads.
- Do not remove the bypass jumpers that protect the dimming modules.
- Use branch circuit breakers to switch lights on and off.


Power (Hot/Live) Wiring
(3) 14-2/0 AWG (2.0-70 mm²)

Neutral Wiring
(1) $14-2 / 0$ AWG (2.0-70 $\left.\mathrm{mm}^{2}\right)$

| Job Name: |
| :--- |
| $\square$ |
| Job Number: $\quad \square$ |

Model Numbers:
$\square$

## Typical Controllable Outputs for 120 V~

## All Load Types except:

- Lutron Hi-lume or Eco-10 (ECO-Series)


Lutron Hi-lume or Eco-10 (ECO-Series) Fluorescent Dimming Ballasts

- Use Lutron FDBI Fluorescent Dimming Ballast Interface.



## Electronic Low-Voltage

- Use Lutron ELVI Electronic Low-Voltage Interface.
- Consult ELVI Specification Submittal for more details.


| Job Name: |
| :--- |
| $\square$ |
| Job Number: $\quad \square$ |

## Model Numbers:

## Typical Controllable Outputs for 220 to 240 V~ (non CE)

## All Load Types except:

- Lutron Hi-lume or Eco-10 (ECO-Series)


Lutron Hi-lume or Eco-10 (ECO-Series) Fluorescent Dimming Ballasts

- Use Lutron FDBI Fluorescent Dimming Ballast Interface.



## Electronic Low-Voltage

- Use Lutron ELVI Electronic Low-Voltage Interface.
- Consult ELVI Specification Submittal for more details.


| Job Name: |
| :--- |
| $\square$ |
| Job Number: $\quad \square$ |

[^2]
## Typical Controllable Outputs for 230 V~ (CE)

## All Load Types except:

- Lutron Hi-lume or Eco-10 (ECO-Series)



## Electronic Low-Voltage

- Use Lutron ELVI Electronic Low-Voltage Interface.


| Job Name: |
| :--- |
| $\square$ |
| Job Number: $\quad \square$ |

Model Numbers:

## Low-Voltage IEC PELV/NEC® Class 2 Wiring (All Models)

- System communications uses low-voltage IEC PELV/NEC® Class 2 wiring.
- Wiring must be daisy-chained.
- Wiring must run separately from line (mains) voltage.


## GRAFIK Eye 4000 System

IEC PELV/NEC* Class 2 wiring link requires:

- Two 12 AWG ( $2.5 \mathrm{~mm}^{2}$ ) conductors for control power.
- One twisted, shielded pair of 18 AWG ( $1.0 \mathrm{~mm}^{2}$ ) for data link.
- One 18 AWG ( $1.0 \mathrm{~mm}^{2}$ ) conductor for emergency (essential) sense line, from panel to panel.

Total length of control link may be no more than $2000 \mathrm{ft}(610 \mathrm{~m})$.
Approved low-voltage cable is available from Lutron ${ }^{1}$, Belden, and Liberty. These are approved with 22 AWG ( $0.625 \mathrm{~mm}^{2}$ ) data link wires.


## Quantum System

IEC PELV/NEC ${ }_{\text {® }}$ Class 2 wiring link requires:

- Two 12 AWG ( $2.5 \mathrm{~mm}^{2}$ ) conductors for control power.
- One twisted, shielded pair of 18 AWG ( $1.0 \mathrm{~mm}^{2}$ ) for data link.
- One 18 AWG ( $1.0 \mathrm{~mm}^{2}$ ) conductor for emergency (essential) sense line, from panel to panel.

Total length of control link may be no more than $2000 \mathrm{ft}(600 \mathrm{~m})$.
If MUX-RPTR interface and GRX-CBL-46L cable ${ }^{1}$ is used, length may be up to $4000 \mathrm{ft}(1200 \mathrm{~m})$.


1 GRX-CBL-46L IEC PELV/NEC ${ }_{\odot}$ Class 2 wiring cable is available from Lutron and contains:
Two 12 AWG ( $2.5 \mathrm{~mm}^{2}$ ) conductors for control power.
One twisted, shielded pair of 22 AWG ( $0.625 \mathrm{~mm}^{2}$ ) for data link.
One 18 AWG (1.0 mm²) conductor for emergency (essential) sense line.

| Job Name: |
| :--- |
| $\square$ |
| Job Number: $\quad \square$ |

Model Numbers:
$\square$

## IEC PELV/NEC ${ }_{\circledast}$ Class 2 Panel-to-Panel Wiring (All Models)



Notes

* Emergency power: The additional 18 AWG ( $1.0 \mathrm{~mm}^{2}$ ) wire is a "sense" line from terminal 5 of another panel. This sense line allows an emergency (essential) lighting panel to "sense" when normal (non-essential) power is lost. If more than one emergency lighting panel needs to sense from a specific normal panel, a dedicated wire between each pair of normal (non-essential) and emergency (essential) panels may be required.
$\dagger$ Shield/Drain: Connect shielding as shown. Do not connect to ground (earth) or circuit board of circuit selector. Connect the bare drain wires and cut off the outside shield.


## IEC PELV/NEC Class 2

## Terminal Connections

Each Low-Voltage IEC PELV/NEC® Class 2 terminal can accept only two 18 AWG ( $1.0 \mathrm{~mm}^{2}$ ) wires.
Two 12 AWG ( $2.5 \mathrm{~mm}^{2}$ ) conductors won't fit. Connect as shown, using appropriate wire connectors.



## Options

Consult Lutron for ordering information and model numbers. Dimensions and wiring may change based on options chosen.

| Option | Description | Application |
| :---: | :---: | :---: |
| Double Lug Sets | Allows multiple Panels to be fed from the same feed. | A single feed and multiple LP Dimming Panels are required. |
| Branch Circuit Protection | Branch Circuit Breakers with higher AIC ratings than those on standard Panels. <br> Panels can also have Branch Circuit Breakers with special ratings such as: <br> - GFI (Ground Fault Interrupt) <br> - ELB (Earth Leakage Breaker) <br> - RCD (Residual Circuit Device). | - |
| Lutron Ten-Volt Module (TVM) | Allows Panels to operate fluorescent ballasts that meet IEC 929 standards for $0-10 \mathrm{~V}$ control including: <br> - Lutron TVE ballasts <br> - 0-10 V neon <br> - PWM fluorescent <br> - Tridonic DSI (Digital Serial Interface). The TVM can sink or source 50 mA (typically 25-50 ballasts) on each circuit. | Jobs with fluorescent ballasts that require 0-10 V, PWM, or DSI control. |
| 2Link | - Allows a DMX512 theatrical console to operate Dimming Panels' load circuits. <br> - Allows a GRAFIK Eye 4000 Series to handle 128 zones (2 links of 64 zones). The 2 links are independent and do not communicate. Contact Lutron for further details. | - Control of architectural lighting from a DMX512 theatrical console is required. <br> - A mix of architectural and theatrical lighting exists on the job. |

The Lutron logo, Lutron, Eco-10, GRAFIK Eye, GRAFIK 4000, RTISS, 2Link, and Quantum are trademarks or registered trademarks of Lutron Electronics Co., Inc. in the US and/or other countries.
All other product names, logos, and brands are property of their respective owners.

Job Name:


## Model Numbers:

$\square$


[^0]:    * Not all LED and CFL loads available today are dimmable. Visit www.lutron.com/LEDtool for a list of loads that have been tested by Luton to be compatible with this product.
    ** For more information on load ratings, please refer to Application Note \#201 at www.lutron.com/TechnicalDocumentLibrary/048-201.pdf

[^1]:    Model Numbers:

[^2]:    Model Numbers:

