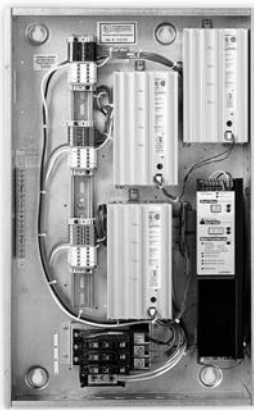


LP Dimming Panel



Mini LP Dimming Panel

## Commercial Dimming Panel for numerous small loads

- Lutron's patented filter circuit, **RTISS™** (Real Time Illumination Stability System), compensates for incoming line-voltage variations and maintains constant light levels with no visible flicker under conditions with a  $\pm 2\%$  change in RMS voltage per cycle and a  $\pm 2\text{Hz}$  change in frequency per second; for more information, see Application Notes pg. 179
- Standard Panel ships in 3-5 business days
- Preamsembled panels, field wiring is similar to wiring lighting distribution panel
- Four independently dimmed switch legs per module; up to eight modules (32 dimmers) per panel

### Sources Controlled Directly



Incandescent



Magnetic Low-Voltage



Neon/Cold Cathode



Lutron® Tu-Wire® Fluorescent Dimming Ballast

### Sources Requiring an Interface



Electronic Low-Voltage pg. 30



Lutron 3-Wire Fluorescent pg. 30

## DESIGN OPTIONS

- Input feed – main lugs, main breakers, isolator switch
- Branch breakers – 13A, 15A, 16A, or 20A
- Panel voltage – 120V, 220V-240V, 230V (CE)
- Operates on 50 or 60 Hz power
- Panel feed – single phase, split phase, or three phase
- Number of switch legs: 4-32
- 2Link™ option – provides a second control link that automatically detects the presence of a DMX512 stage console

## SPECIFICATIONS

- All voltages indicated are phase-to-neutral
- Each dimming module has four independently dimmed switch legs, which share a common air-gap switch
- Common neutrals are not permitted; run separate neutrals for each control load
- Panels may be in the middle of a control link; control link must be daisy-chained
- System can include a combination of GP, LP, XP, DCI and Custom Combination Panels
- Power Panel installation instructions are available in multiple languages; contact Lutron or visit the Lutron website for more information

## SYSTEMS

**GRAFIK Eye®**  
4000 Series pg. 32



**Centralized Lighting Control System**  
pg. 88



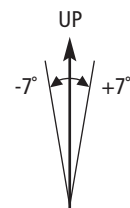
## STANDARDS

Standards listed below apply to one or more products in the Lutron product line. Consult factory for specific information.



## MOUNTING

- Indoor use only; NEMA Type 1 enclosure, IP-20 protection
- Panel generates heat; mount only where ambient temperature will be 0-40°C (32-104°F) with a non-condensing relative humidity < 90%
- Flush mount between 16" studs or surface mount
- Panels must mount within 7° of true vertical



Mount Panel Vertically

- 120V/230V(CE)/240V(non CE)
- 1, 2, 3 DIMMING MODULES



### Dimensions – Mini LP1, 2, 3

W: 15.88" (404mm)  
 H: 24.50" (622mm)  
 D: 4.25" (108mm)  
 wt: 27 lbs (12.2kg)  
 Ship wt: 32 lbs (15kg)

LP1  
 Max. BTUs/hr: 90

LP2  
 Max. BTUs/hr: 170

LP3  
 Max. BTUs/hr: 250

Type/Source	Model No. Prefix	No. of Dimming Modules	No. of Switch Legs	Voltage	Feed Type <sup>1</sup>	Main Lugs (ML)	Main Breaker (M) <sup>2</sup>	Isolator Switch (IS)	Branch Circuit Breaker Capacity (A)	Maximum Feed (A)	Maximum Dimmed Hot Load (W/VVA)
<b>LP1</b>											
Available model numbers (Model No. Example: LP1/4-1202M-15)											
<b>120V</b>											
LP	1/	4-	120	2	M- <sup>2</sup>	15	15	1500			
LP	1/	4-	120	2	M- <sup>2</sup>	20	20	2000			
<b>230V (CE)</b>											
LP	1/	4-	230	2	M- <sup>2</sup>	13	13	3000			
<b>240V (non CE)</b>											
LP	1/	4-	240	2	M- <sup>2</sup>	16	16	3840			
<b>LP2</b>											
<b>120V</b>											
LP	2/	8-	120	3	M- <sup>2</sup>	15	15	1500			
LP	2/	8-	120	3	M- <sup>2</sup>	20	20	2000			
<b>230V (CE)</b>											
LP	2/	8-	230	2	M- <sup>2</sup>	13	26	3000			
<b>240V (non CE)</b>											
LP	2/	8-	240	2	M- <sup>2</sup>	16	32	3840			
<b>LP3</b>											
<b>120V</b>											
LP	3/	12-	120	4	M- <sup>2</sup>	15	15	1500			
LP	3/	12-	120	4	M- <sup>2</sup>	20	20	2000			
<b>230V (CE)</b>											
LP	3/	12-	230	4	M- <sup>2</sup>	13	13	3000			
<b>240V (non CE)</b>											
LP	3/	12-	240	4	M- <sup>2</sup>	16	16	3840			

### Footnotes, pg. 159

- 1 Feed types—phase-to-neutral only. 2= 1Ø,2W; 3= 1Ø,3W; 4= 3Ø,4W.
- 2 Contractor wire terminates at branch breaker(s).
- 3 20/16A, 15/12A continuous load rating.

Note: Panels listed above are Lutron standard panels. Consult Lutron for additional capabilities, such as job-specific circuit requirements, 0-10V, 2Link™, Delta Power, etc.

- 120V/230V(CE)/240V(non CE)
- 4, 5, 6 DIMMING MODULES

Type/Source	Model No. Prefix	No. of Dimming Modules	No. of Switch Legs	Voltage	Feed Type <sup>1</sup>	Main Lugs (ML)	Main Breaker (M)	Isolator Switch (IS)	Branch Circuit Breaker Capacity (A)	Maximum Feed (A)	Maximum Dimmed Hot Load (W/VA)
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<b>LP4</b>											
Available model numbers (Model No. Example: LP4/16-1204M-15)											
<b>120V</b>											
LP	4/	16-	120	4	ML-	15	175	1500			
LP	4/	16-	120	4	ML-	20	175	2000			
<b>230V (CE)</b>											
LP	4/	16-	230	4	IS-	13	125	3000			
<b>240V (non CE)</b>											
LP	4/	16-	240	4	IS-	16	125	3840			
<b>LP5</b>											
<b>120V</b>											
LP	5/	20-	120	4	ML-	15	175	1500			
LP	5/	20-	120	4	ML-	20	175	2000			
<b>230V (CE)</b>											
LP	5/	20-	230	4	IS-	13	125	3000			
<b>240V (non CE)</b>											
LP	5/	20-	240	4	IS-	16	125	3840			
<b>LP6</b>											
<b>120V</b>											
LP	6/	24-	120	4	ML-	15	175	1500			
LP	6/	24-	120	4	ML-	20	175	2000			
<b>230V (CE)</b>											
LP	6/	24-	230	4	IS-	13	125	3000			
<b>240V (non CE)</b>											
LP	6/	24-	240	4	IS-	16	125	3840			

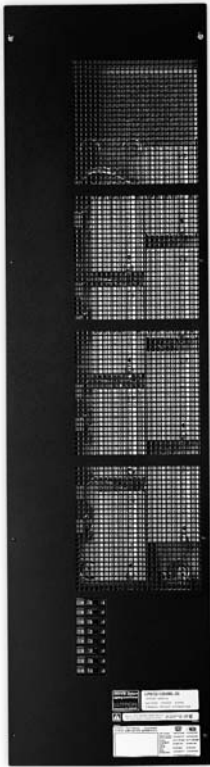
**Dimensions – LP4, 5, 6**

W: 15.88" (404mm)  
 H: 59.50" (1514mm)  
 D: 4.25" (108mm)  
 wt: 80 lbs (37kg)  
 Ship wt: 90 lbs (41kg)  
 LP4  
 Max. BTUs/hr: 330  
 LP5  
 Max. BTUs/hr: 410  
 LP6  
 Max. BTUs/hr: 490

**Footnotes, pg. 160**  
 1 Feed types – phase-to-neutral only. 2= 1Ø,2W; 3= 1Ø,3W; 4= 3Ø,4W.  
 2 20/16A,15/12A continuous load rating.  
 Note: Panels listed above are Lutron standard panels. Consult Lutron for additional capabilities, such as job-specific circuit requirements, 0-10V, 2Link™, Delta Power, etc.

- 120V/230V(CE)/240V(non CE)
- 7, 8 DIMMING MODULES

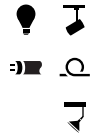
Type/Source  
Model No. Prefix  
No. of Dimming Modules  
No. of Switch Legs  
Voltage  
Feed Type<sup>1</sup>  
Main Lugs (ML)  
Main Breaker (M)  
Isolator Switch (IS)  
Branch Circuit Breaker Capacity (A)<sup>2</sup>  
Maximum Feed (A)  
Maximum Dimmed Hot Load (W/VA)



### Dimensions – LP7, 8

W: 15.88" (404mm)  
H: 59.50" (1514mm)  
D: 4.25" (108mm)  
wt: 80 lbs (37kg)  
Ship wt: 90 lbs (41kg)  
LP7  
Max. BTUs/hr: 570  
LP8  
Max. BTUs/hr: 650

### LP7



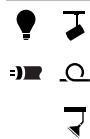
Available model numbers (Model No. Example: LP7/28-1204ML-15)

120V									
LP	7/	28-	120	4	ML-	15	175	1500	
LP	7/	28-	120	4	ML-	20	175	2000	

230V (CE)									
LP	7/	28-	230	4	IS-	13	125	3000	

240V (non CE)									
LP	7/	28-	240	4	IS-	16	125	3840	

### LP8



120V									
LP	8/	32-	120	4	ML-	15	175	1500	
LP	8/	32-	120	4	ML-	20	175	2000	

230V (CE)									
LP	8/	32-	230	4	IS-	13	125	3000	

240V (non CE)									
LP	8/	32-	240	4	IS-	16	125	3840	

### Footnotes, pg. 161

1 Feed types – phase-to-neutral only. 2= 1Ø,2W; 3= 1Ø,3W; 4= 3Ø,4W.

2 20/16A,15/12A continuous load rating.

Note: Panels listed above are Lutron standard panels. Consult Lutron for additional capabilities, such as job-specific circuit requirements, 0-10V, 2Link™, Delta Power, etc.