

DC Dimming Panel

**DC Dimming Panel** for noise-sensitive applications

- Meets recommended electrical noise levels of Magnetic Resonance Imaging (MRI) system manufacturers
- Ideal for sound studios
- Lamps are free of flicker and audible noise throughout the entire dimming range
- Provides direct current, thus not producing the Radio Frequency Interference (RFI) that is normally associated with standard phase-control dimming
- Standard Panel ships in 3-5 business days
- Preassembled panels, field wiring is similar to wiring lighting distribution panel

Sources



Incandescent

**DESIGN OPTIONS**

- Input feed – main breakers (one per dimmer)
- Branch breakers – 20A
- Panel voltage – 120V
- Panel feed – single phase
- Number of circuits: 1-3

**SPECIFICATIONS**

- All voltages indicated are phase-to-neutral
- Operates on 60 Hz power
- Controls incandescent loads only
- Specific facility filters are required for MRI applications. Consult factory for specific information.
- 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

**SYSTEMS**

**GRAFIK Eye®**  
4000 Series pg. 32



**Centralized Lighting Control System**  
pg. 88



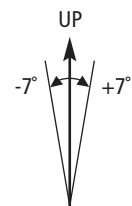
**STANDARDS**

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%
- Surface mount only
- Panels must mount within 7° of true vertical



Mount Panel Vertically

**120V  
DC DIMMING  
PANEL**



**Dimensions**

W: 27.65" (700mm)  
H: 39.25" (997mm)  
D: 12.00" (305mm)

**DC11**

wt: 130 lbs (59kg)  
Ship wt: 180 lbs (82kg)  
Max. BTUs/hr: 260

**DC12**

wt: 170 lbs (77kg)  
Ship wt: 220 lbs (100kg)  
Max. BTUs/hr: 515

**DC13**

wt: 210 lbs (95kg)  
Ship wt: 260 lbs (118kg)  
Max. BTUs/hr: 770

**DCI**



Available model numbers (Model No. Example: DCI1-1202M-20)

120V								
Type/Source	Model No. Prefix	No. of Circuits	Voltage	Feed Type <sup>1</sup>	Main Lugs (ML) Main Breaker (M)	Branch Circuit Breaker Capacity (A) <sup>2</sup>	Maximum Feed (A)	Maximum Dimmed Hot Load (W/VA)
DCI	1-	120	2	M-2	20	20	1200	
DCI	2-	120	2	M-2	20	20	1200	
DCI	3-	120	2	M-2	20	20	1200	

**Footnotes, pg. 171**

- 1 Feed types—phase-to-neutral only. 2= 1Ø,2W.
- 2 One main breaker per module input feed.