

## CY9 SERIES | 9-Inch Round Indoor/Outdoor Cylinders: Dimming Specifications

### DIMMING SPECIFICATIONS

- Incandescent 120V AC Dimmers adjust the light with Forward Phase Control, where the Dimmer “chops” the forward part of the AC Wave to deliver less or more power to the light source. No neutral wire connection required.
- Electronic Low Voltage 120VAC Dimmers adjust the light with Reverse Phase Control, where the dimmer “chops” the back part of the AC Wave to deliver less or more power to the light source. Neutral wire connection required.
- 0-10V DC Low Voltage Dimmers operate using two (2) low voltage dimming wires that are separate from the 120V or 277V AC power. The Dimmer sends a variable output voltage to the luminaire based upon the dimming level. 10V Corresponds to undimmed operation, 5V to 50% and so on. Switching On/Off is controlled with the Line Voltage Power Input (120V or 277V AC) to the Dimmer and then dimming operation is controlled with the 0-10V DC low voltage wiring connection between the Dimmer and the LED Driver. The control signal runs on two (2) low voltage control wires (color coded Purple and Pink/Gray).
- Lutron EcoSystem Drivers provide continuous dimming from 1%-100%. For a complete list of compatible dimmers and controls, please visit [www.lutron.com](http://www.lutron.com)

### MVD Dimming Option: 120V Forward/Reverse Phase<sup>1</sup> and 0-10V Dimming

Manufacturer	Product	Light Output	Manufacturer	Product	Light Output
Leviton	IPI06-1LZ	2% - 100%	Lutron	DVCL-153P	4% - 99%
Leviton	6631-2	1% - 100%	Lutron	DV600P	9% - 99%
Leviton	VPE06	14% - 99%	Lutron	MAW600	N/A
Leviton	6673-10W	N/A	Lutron	TGCL-153P	9% - 99%
Leviton	6683-IW	9% - 98%	Lutron	S600P	4% - 99%
Leviton	VPI06	N/A	Lutron	DVELV303P	10% - 99%
Leviton	6161	22% - 98%	Lutron	SELV300P	11% - 98%
Leviton	6633-P	3% - 98%	Lutron	TG-600P	19% - 98%
Leviton	IPE04	9% - 98%	Lutron	GL-600P	N/A
Cooper	DLC03P	4% - 98%	Lutron	LG600P	9% - 98%
Cooper	SLC03P	2% - 98%	Lutron	CT103P	14% - 98%
Cooper	DAL06P	1% - 98%	Lutron	DV603P	N/A
Lightolier	ZP260QEW	11% - 98%	Lutron	MAELV600	17% - 99%
Lutron	S-603PG	7% - 99%	Lutron	FAELV500	17% - 99%

1. 277V Phase Dimming is not available

### NOTES

1. Testing was performed with a single fixture connected to dimmer
2. Testing has been performed on these dimmers, but this does not imply any warranty of compatibility
3. Dimming performance can be influenced by different loads, as well as variations in dimmer switches within the same model
4. Dimmer maximum load rating with LED may differ from published traditional source dimmer ratings. Consult manufacturer for maximum dimmer information
5. Consult factory for additional dimming information