CONTECH LIGHTING | a LEVITON company

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

- Incandescent 120VAC 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 low voltage dimming wires that are separate from the 120V or 277V AC power. The Dimmer sends a variable output voltage to the fixture 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 low voltage control wires (color coded violet and pink/gray).
- Lutron HiLume and EcoSystem Drivers provide continuous dimming from 1%-100%. For a complete list of compatible dimmers and controls, please visit www.lutron.com

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

**277V Triac 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.