

## Recommended Dimmers for Sardinia & Cyprus LED Downlight Fixtures

Imtra's Sardinia & Cyprus models incorporate AC to DC LED converter drive electronics allowing for direct line voltage wiring. An 18" long 18 awg Triplex (Live/Neutral/Ground) sheathed power cable is provided for wiring to an available electrical junction box. The Sardinia and Cyprus may be controlled with a standard wall switch (On/Off) or a commercially available Electronic (solid state) Low-Voltage (ELV/SELV) dimmer. Dimmer choice is important as these products are not compatible with all ELV or SELV dimmers.

Electronic Low Voltage Dimmers, also known as "reverse phase" or "trailing edge" are transistor based for capacitive dimming and are gaining popularity for dimming LEDs due to their high efficiency and low EMI (electromagnetic interference). Imtra is working directly with dimmer manufacturers to generate a comprehensive list of recommended dimmers. See Table 1 below for a list of dimmers which have been tested and are compatible with the Sardinia & Cyprus. We anticipate adding more dimmers to this list in the future. If you have any questions about which dimmer to use or do not see your dimmer of choice on this list, please contact our technical sales department to discuss your requirements.

Manufacturer	Family	Model	Notes
Crestron®		CLS-EXP-DIMU	Min level must be trimmed up to avoid flicker at low end (< 5%)
Crestron®		CLX-1DELV4	
Crestron®		DIN-1DIMU4	Min level must be trimmed up to avoid flicker at low end (< 5%)
Lutron®	Skylark®	SELV-300P	
Lutron®	Nova®	NELV 450	
Lutron®	Maestro®	MAELV-600-IV	
Lutron®	Nova T®	NTELV-600	Slight buzzing from fixture
Lutron®		PHPM-WBX	Commonly used with wall box controls Min dim level is 15%, 1 sec delay off to low
Lutron®		PHPM-PA	Commonly used with "system" controls Min dim level is 15%, 1 sec delay off to low
Lutron®	Panel Module	HW/LP-RPM-4A-120	Commercial system. Min dim level is 10%
Lutron®	RadioRA	RRD-6NA	Min dim level is 15%, 1.5 sec delay off to low

Table 1 – Dimmer Compatibility