

Technical Information

Subject: MR16 LED Compatibility List for Electronic Transformers

		Transformer Model (These will not work with dimmers)					Good for Dimming Installations	
MR16 LED Model		CV90036 CV90112	CV90001	CV90010	CV90012	MS90117 LS94117	EX95101 EX95201 EX95301	FX95100 GX95101 GX95201 GX95301
1	Soraa Vivid 2 10W	1 lamp max	1 to 4 lamps	1 to 6 lamps	1 to 8 lamps	Not compatible	1 to 5 lamps	1 to 5 lamps
2	Philips Endura 7W	1 lamp max	1 to 5 lamps	1 to 8 lamps	1 to 11 lamps	Not compatible	1 to 6 lamps	1 to 6 lamps
3	Philips Endure 10W	1 lamp max	1 to 4 lamps	1 to 6 lamps	1 to 8 lamps	Not compatible	1 to 5 lamps	1 to 5 lamps

Dimming data with compatible dimmers

	Transformer Model	Compatible Dimmers	Max level	Min level
1	EX95101, EX 95121 FX95100, FX95120 GX95101, GX95121 (120VAC input)	Leviton: VPE04-1L, VPE06-1L, ATE04-1L, ATE06-1L, ACE06-1L	98%	11%
		Lutron Maestro MAELV-600 (with neutral wire)	98%	13%
		Lutron Diva DVELV-300	98%	18%
		Grafik Eye 3000, Radio Rà (1 transformer per channel only)	98%	4.3%
		Vantage Controls: Qlink System	98%	4.5%
2	EX95201, EX95221 GX95201, GX95221 (230VAC input)	Helvar 452	98%	20%
		Philips: Dynalight DDMC802GL w/LEDM401 (1 per channel only)	98%	16%
		Lutron: Grafik Eye GRX-3100, GRX3500 for 220V-240V or 230V	98%	4.3%
3	EX95301, EX95321 GX95301, GX95321 (277VAC input)	Lutron: Grafik Eye with PHPM-PA-DV module (1 per channel only) MAELV or Vizia+ with PHPM-PA-DV module (1 per channel only)	98%	4.3%

Dimming data of FX95100 with Soraa Vivid 2 lamps (tested with 1 to 3 lamps)

Caution: Do not connect more than 6 lamps to a transformer regardless of wattage.

Not all LED lamps behave the same way. Consult factory when using other lamps

Check out these videos. They feature dimming LEDs with our transformers:

<http://youtu.be/4JWUt1EJM7k> (FX97311B, 300W with 3 Soraa)

<http://youtu.be/W2fDFMqHqSg> (2 x FX95100 with 1 Soraa each on same dimmer)

<http://youtu.be/1ZQOgKjvToY> (FX95100 with LEDs and controlled by Grafik Eye)

http://youtu.be/yP0_oF7XeaY (EX95121 with 24VDC LED light strip, dimming)