

2012 LED Modules

LED MATRIX

Pend: Pendant points including GRV, REG
 Rec: Recessed fixtures including LPR11, RCS,LUC
 Linr: Linear fixtures including LPL6,LPL35,LPL25,LPL1, LPLB,LPRS
 Framed: Framed fixtures including LP11,LP9, LPMono, LPCS



OSRAM MODULES

Module	Power	Lumens	Color	Beams	CRI	0-10V	Lutron	Cooling	Frame	Linr	Rec	Pend	Warranty
LEDMR16	6W	296	3K	40/60	>70	--120V Triac Dim Only--		Passive-*	✓	✓ _A	✓	✓	3 year

LED Manufacturer Link: www.osram.com

* - No lens ✓_A LPRS with stem, not in LPL1



EDISON MODULES

Module	Power	Lumens	Color	Beams	CRI	0-10V	Lutron	Cooling	Frame	Linr	Rec	Pend	Warranty
LED15 GLED15	15W	540	3K	24/40	>85	✓	✓	Passive	✓	⊗	✓	✓	25,000hr

LED Manufacturer Link: www.http://www.edison-opto.com.tw

⊗ Wont fit in LPL6, LPL35, LPL25, LPL1



CITIZEN MODULES

Module	Power	Lumens	Color	Beams	CRI	Dimming		Cooling	Fixture Compatibility				Warranty
						0-10V	Lutron		Frame	Linr	Rec	Pend	
CZEN13	13W	720	3K	38	80	✓	✓	Passive	✓	*A	✓	✓	5 year

LED Manufacturer Link: www.ce.citizen.co.jp/lighting_led/en/index.html

*A LPL6 only-fixed aim in LPL35



Module	Power	Lumens	Color	Beams	CRI	Dimming		Cooling	Fixture Compatibility				Warranty
						0-10V	Lutron		Frame	Linr	Rec	Pend	
Czen26	26W	1800	3K/4K	26	80	✓	✓	Passive	✓	⊗ _A	⊗ ₁	✓	5 year
Czen41	41W	2400	3K/4K	26	80	✓	✓	Passive	✓	⊗ _A	⊗ ₁	✓	5 year

LED Manufacturer Link: www.ce.citizen.co.jp/lighting_led/en/index.html

⊗_A Does not work in LPL6 or smaller
 ⊗₁ No recessed

LED MATRIX

Pend: Pendant points including GRV, REG
 Rec: Recessed fixtures including LPR11, RCS,LUC
 Linr: Linear fixtures including LPL6,LPL35,LPL25,LPL1, LPLB,LPRS
 Framed: Framed fixtures including LP11,LP9, LPMono, LPCS



XICATO MODULES

Module	Power	Lumens	Color	Beams	CRI	0-10V	Lutron	Cooling	Frame	Linr	Rec	Pend	Warranty
XC8030-1000	15W	1000	3K	20/40/60	80	✓	✓	Passive	✓	*A	✓	✓	5 year
XC8030-1300	22W	1300	3K	20/40/60	80	✓	✓	Passive/Active	✓	*B	*1	✓	5 year
XC9030-700	22W	700	3K	20/40/60	95	✓	✓	Passive/Active	✓	*A	*1	✓	5 year

LED Manufacturer Link: www.xicato.com

- *A Only LPL6, limited aiming
- *B Only LPL6 active cooling, reduced aim
- *1 With Active Cooling



Module	Power	Lumens	Color	Beams	CRI	Dimming		Cooling	Fixture Compatibility				Warranty
						0-10V	Lutron		Frame	Linr	Rec	Pend	
XC8030-2000	36W	2000	3K	20/40/60	80	✓	✓	Passive	✓	⊘A	⊘B	⊘C	5 year

LED Manufacturer Link: www.xicato.com

- ⊘A Does not work in LPL6 or smaller
- ⊘B No recessed
- ⊘C No single pendant

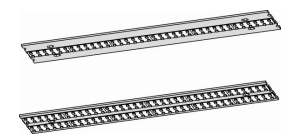


Module	Power	Lumens	Color	Beams	CRI	Dimming		Cooling	Fixture Compatibility				Warranty
						0-10V	Lutron		Frame	Linr	Rec	Pend	
XC8030-45x2000	36W	2000	3K	20/40/60	80	✓	✓	Active	✓	⊘A	✓	*B	5 year

LED Manufacturer Link: www.xicato.com

- ⊘A Only LPL6, limited aiming
- *B Custom, consult factory

LINEAR



Strip	Power	Lumens	Color	Power	CRI	0-10V	Lutron	Cooling	Frame	Linr	Rec	Pend	Warranty
LED5W	5.9W/LF	259 LM/FT	3K / 4K	24 Volt	80	✓	✓	Passive	✓	✓	✓	n/a	2 year
LED10W	11.8W/ LF	520 LM/FT	3K / 4K	24 Volt	80	✓	✓	Passive	✓	✓	✓	n/a	2 year
RGB	4W/LF	46LM/ FT	RGB	24 Volt	n/a	✓	--DMX--	Passive	✓	✓	✓	n/a	2 year
HPLED7	7W/LF	700 LM/LF	3K / 4K	C.Current	80	✓	✓	Passive	✓	✓	✓	n/a	3 year
HPLED14	14W/LF	1400 LM/LF	3K / 4K	C.Current	80	✓	✓	Passive	✓	*A	✓	n/a	3 year

- *A No HPLED14 in LPL1

Active cooling involves devices that move air over heatsink surfaces. These may be audible in certain environments.

Warranty Information:

ALW will warranty the LED Emitters for the time in the Warranty period. This warranty does not cover the entire luminaire. This Warranty Covers the value of the replacement emitter, not any indirect losses. This Warranty applies to all standard products.

ALW will warranty the LED Drivers for a period of 2 Years.

Available Options:

0-10V Dimming is available. Phase angle dimming is standard for LEDMR16 (120V only)

0-10V is available with DC Drivers. Phase angle dimming available for standard LED modules in certain cases (contact factory). DMX, RGB Controls also available.

Lutron Hilume A Series dimming is available with an accompanying ballast pan or a remote installation (or as otherwise noted). Contact factory for more information.

Control:

Photosensor and Occupancy control is available. Contact factory for more information

Emergency:

Emergency Illumination of LEDs is available, typically in a remote emergency ballast enclosure. Contact factory for more information

Accessories:

Linear Systems: Lenses available in a frosted White (WD) diffuser or an opal extra diffuse lens (EXT), which is recommended for maximum lamps shielding
Louvers are also available.

Modules: Many modules accommodate lenses or snoots. Contact factory for more information.