

LEDs for 12v landscape lighting

more efficeint & longer lasting than halogen!

For new systems, retrofits & solar

Light Emitting Diodes, known as LEDs, are the most efficient and environmentally-friendly form of lighting available. Made of solid-state electronic components, they illuminate solely by excited electrons moving within semi-conductor diodes. LEDs are now a safer and energy-saving alternative to conventional lamps at prices that make sense.



2-5 watt MR-16 & MR-11 LED retrofit lamps

- **Energy Efficient**—2-5 watt LED equivalent to 10-50 watt halogen, delivering up to 100 lumens per watt consumed. Uses *1/10th the power of halogen!*

- **Long Lasting** —**50,000-100,000 hours!** 5-10x longer than halogen, 20-30x longer than incandescent— fewer lamp changes saves maintenance labor cost.

- **Rugged**—Shock & vibration resistant & waterproof

- **Save on smaller transformers & wire** in new installations

- **Available in natural whites** with beautiful, accurate color rendition & no UV radiation!

LED's provide an ecological and socially responsible alternative to conventional lighting products. These cooler-burning, energy-saving lamps are being built into new fixtures and are available as a retrofit for many existing incandescent or halogen fixtures. The initial cost of a LED retrofit lamp is offset by its longevity, durability, and reduced power consumption resulting in huge energy savings. The LED's low power consumption is also ideal for use in solar-powered applications.



LED COLORS	
Blue	
	9-10,000° Sky
accurate color rendition	Cool White up to 6,500°
	Day Light up to 6,200°
	Day Light-Xenon 5,000-6,000°
	Warm & Soft White 3-5,000°
	Warm White 2,800-3,000°
	Warm White Halogen 2,300°
	Incandescent
	Incandescent
	1,700° Flame
Amber	



The Urban Farmer Store®

Efficient irrigation & lighting for the landscape

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