

THE GREENLEE LED LANDSCAPE LIGHTING

Collection



THE LED LANDSCAPE LIGHTING *Collection*

For decades, LSI Greenlee (fondly referred to as the Masters of Illumination) was a leader in the landscape lighting industry, setting the standard for quality and performance with luminaires designed and manufactured for high performance, energy efficiency and low total cost of ownership through the life of the project.

Today, LSI's LED Landscape Collection gives you everything you'd expect from LSI Greenlee fused with our innovative LED technology and product design. Our LED landscape products are designed and built around our value-driven design philosophy to ensure the most reliable, energy-efficient and cost-effective LED lighting solutions possible.



ART AND SCIENCE IN A WHOLE NEW LIGHT.

At LSI, we see lighting design as an art, with the same aesthetic freedoms as painting or sculpting. Using the science of LED optics, lumens and light patterns can be combined to create the desired mood or effect. Enhance the beauty of any setting, extend viewing hours, and improve safety and security with LSI LED landscape lighting solutions.

Luminaires to Paint Your Canvas



Line & Low Voltage ALVs – mount at grade or on walls for landscape, pathway or sign lighting and wall washing.



Bullets – mount at grade, in trees or on structures to project light down to create a “moonlight” effect; or upward as accent lights.



Inground – install with housing / lens flush with grade for uplighting landscape elements and architectural features such as flags, columns and sculptures.



Bollards – usually 3-4' tall and 6-8" in diameter, used to light walkways and transition areas where pole- and wall-mounted fixtures are unacceptable.

Design Considerations

- What is the primary objective? Beauty? Image? Security?
- How will the space be used?
- What's the most important feature or critical focus?
- Are there areas that shouldn't be illuminated?
- What lighting ordinances or energy codes apply?

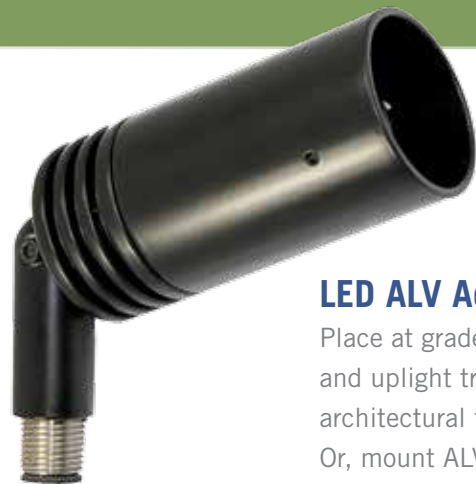
Tips to Bring Your Masterpiece to Life

- Textures, colors, plant life and more interact with lighting effects.
- At night, even a small amount of light can make a difference
- Eyes are attracted to the brightest object in the field of view.
- Eyes adapt more slowly from high to low light levels than vice versa.
- Dark colors absorb light and require more illumination.
- Light colors reflect more light and require less illumination.
- Fixture placement and optical systems affect the final result.
- The effect should be seen, not the source.



ACCENT LIGHTS — WALL CYLINDERS — PATHWAY LIGHTS — SIGN LIGHTS

Architecturally styled with powerful performance, LSI's collection of LED low and line voltage luminaires provides precise control for lighting landscape and architectural features on your site. Available with a wide selection of LED light sources, beam angles, shields and mounting options to meet your design needs.



LED ALV Accent Lights (XALV AL)

Place at grade level on spikes and stems to accent and uplight trees, shrubs and flowers, or to illuminate architectural features like columns, sculptures and statues. Or, mount ALV fixtures in trees or on structures to create soft, subtle "moonlight" effects with gentle downlight.



LED Wall Cylinders Lights (XALV WC)

Select uplight, downlight or a combination to accent architectural features, forms and finishes and to deliver functional illumination for walkways and corridors. Mounted on vertical surfaces, these XALV WC fixtures are ADA compliant.



LED ALV Sign Lights (XALV SL)

Mount on goosenecks and straight or curved stems to effectively illuminate signs and logos without creating glare. Choose from a variety of accessories to use ALV fixtures as wall-mounted sign lights in either single or double configurations.



LED ALV Pathway Lights (XALV PL)

Mount on various brackets, stems, or spike accessories to provide decorative low-level lighting in flower beds, shrubs, etc. Also used to illuminate walkways and guide pedestrians safely from one area to another.



LSI LED Low & Line Voltage Luminaires

Designed to Perform, Built to Last

- Field-selectable light levels allow adjustment during installation.
- Multiple optics for enhanced performance.
- Three different color temperatures to meet quality of light required.
- A variety of shield designs and cutoff angles for precise light control.
- Low voltage (MR16) and line voltage (PAR 20) LED modules.
- Spread lenses, color filters and louvers to shape the beam and control glare.
- Rear-mount (accent, pathway and sign lights) and arm-mount (wall cylinder) mounting configurations.
- Corrosion-resistant materials and Posi-Seal protection for super durability.
- Dimmable driver fully integrated into module, eliminating need for separate compartment (low voltage fixtures require halogen magnetic and electronic transformers).
- Thermal control management system maximizes output while assuring long-term lumen maintenance.



LED Bullets

Creativity and control are at your fingertips. Simply select the distribution, the precise aiming point, and adjust the shield to uplight, downlight and everything in between. Mount at grade, in trees or on structures to accent landscape and architectural features, or illuminate flags, sculptures, and signage. With three sizes and choice of optics, LSI's LED bullets give you the most aiming flexibility at the lowest cost.

- Choice of spot and flood distributions—up to 2646 lumens.
- A variety of shield designs and cutoff angles provide precise uplight and downlight control.
- ½" NPSM arm is standard mounting option (200°+ range of motion). May be threaded into hubs in tree or surface mounts, spikes, junction boxes or CFH composite J-box.
- One-piece die-cast aluminum with silicon gaskets for a robust, well-sealed luminaire.



XBAL
LED Large Flood



SBAM
LED Medium Flood



SBAS
LED Small Flood

XBAL Large Flood Bullet for Extra High Performance

- Three distribution choices: 10° spot, 25° flood, 40° flood.
- Higher lumens: up to 2646 at 28 watts.
- Four color temperatures: moon white, cool white, neutral white and warm white.
- Four shield / lens styles: more precise uplight and downlight lighting.



Downlighting. Higher mounting yields a wider beam for broad, uniform illumination. Lower mounting heights give a narrower beam that can be used for accent lighting.



Uplighting. Grade-mounted bullets aimed upward illuminate trees, sculptures, walls and flags, creating shadows in the opposite direction of the sun and moon for very dramatic effects.

XIG LED Inground Lighting

The XIG is available with spot, narrow flood or flood optics, all fully adjustable, for optimized beam control. Using premium high-power LEDs, the XIG can produce very dramatic uplighting and shadow effects. Modular design for easy installation, super durable, and compact enough for shallow site requirements.



XHYP3 Bollard with Dual-Beam LED Optics

With a unique dual-aperture housing, the XHYP3 pushes the design envelope, while the dual-array optical system serves up incredibly uniform illumination in either 180° or 360° distributions in near and far fields. Focused optics in the lower aperture reduce the "dark halo effect" found with typical bollards, resulting in exceptional fixture spacing.



LED Bollard Lighting

When using bollards for transitional walkway lighting, it's important to balance architectural aesthetics, illumination performance and energy efficiency. Precise control helps project the right amount of light for uniform, seamless illumination to create safe, inviting environments. In addition, an optional "roughneck" base plate provides a reinforced base for superior vandal resistance.

XBVRD Bollard

A more traditional architectural design, the XBVRD features a single-aperture LED optic system that delivers uniform lighting for spacing up to 20'.



AN LED LANDSCAPE LIGHTING LINEUP TO BRING YOUR PROJECT TO LIFE

LSI offers a complete selection of innovative LED landscape lighting solutions. In the spirit of LSI Greenlee, we are proudly continuing the heritage of elevating the science of outdoor illumination to an art form. Get dramatic, beautiful results backed by the experience and service of LSI.

LINE AND LOW VOLTAGE LIGHTING



XALV AL – LOW
LED Accent



XALV AL – LINE
LED Accent



XALV PL – LOW
LED Pathway



XALV PL – LINE
LED Pathway



XALV SL – LOW
LED Sign



XALV SL – LINE
LED Sign



XALV WCU – LOW
LED Wall Cylinder



XALC WCC – LINE
LED Wall Cylinder

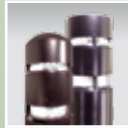
BULLET LIGHTING



XBAL
LED Large Flood



XIG



XHYP3
LED Hyperion



XBVRD
LED Architectural

INGROUND LIGHTING

BOLLARD LIGHTING

LSI EXTERIOR ARCHITECTURAL SOLUTIONS

Look to LSI for a complete range of exterior LED options to complement and enhance the beauty of your LED landscape lighting, for an attractive and well-lit site.

ACCENT & FLOOD LIGHTING



XFLM
LED Flood



PFLM
LED Flood



XCN3
LED Constitution



XLXM3
LED Lexington



XENM3
LED Enterprise



XDLS, XDLM
LED Lifestyle

DECORATIVE PEDESTRIAN SCALE & AREA LIGHTING

AREA LIGHTING



XLCS, XLCM
LED Slice



XASU, XAMU
LED AeroMax®



XCHM3
LED Challenger®
Medium



XGBM



PASU

WALL MOUNT LIGHTING



XCHWM3
LED Challenger®



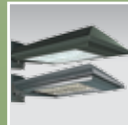
XGBWM3
LED Greenbriar®



PWM



XPWS3
LED Patriot



XAWSU, XAWMU



GREENLEE

Please consult www.lsi-industries.com for solutions using traditional light sources and specifications for all products.

LSI Industries Inc. • 10000 Alliance Road • Cincinnati, Ohio 45242
Phone 513.793.3200 • Fax 513.984.1335 • www.lsi-industries.com