



[GARDENLIGHTLED.COM](http://GARDENLIGHTLED.COM)

Landscape & Architectural Lighting Design Training



# THE POWER OF DESIGN

Landscape lighting can reveal an enchanting nighttime perspective.

Plants, structures, art, and water take on new dimensions and appearances.

Professional lighting design provides beautiful garden illumination while ensuring that residents stay safe, environmental harmony is preserved, and municipal lighting ordinances are followed.

**Elevate your work beyond the basics.**





# LIGHTING OBJECTIVES

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# ENHANCE THE BEAUTY OF LANDSCAPE & ARCHITECTURE

Professionally designed landscape lighting brings out the beauty not only in the landscaping but also in the home's architecture.





# SAFETY

A dark parking lot or walking path is a recipe for disaster. Frequently, homeowners who travel to work either leave the house or return to it in the dark, making the risk for falls and injuries high.

Choosing the right illumination for safety requires considering factors such as lighting levels, glare, and light color. The goal is to maximize safety while avoiding shining light directly into the home.





# SECURITY

Exterior lighting acts as a natural deterrent for criminals. Most criminals won't attempt a crime if there is a good chance they will be seen doing it. Word will travel among area criminals to avoid well-lit homes because the risk of capture is too great.

Exterior lights do not have to be large, ugly spotlights. Simply weaving attractive lighting in with the landscaping allows homeowners and community associations to send a message to criminals.





## EXTEND THE LIVING SPACE

Lighting can extend a home's living space after the sun goes down. (Bonus: Without increasing taxes!)

Homeowners have invested in their landscaping. They should be able to enjoy it at night via a professional landscape lighting system.



# LIGHTING OBJECTIVES RECAP

- ENHANCE THE BEAUTY OF LANDSCAPE & ARCHITECTURE
- SAFETY
- SECURITY
- EXTEND THE LIVING SPACE





# LIGHTING PRINCIPLES



## COHESION

Cohesion refers to how well the scene's elements come together to form a unified appearance. It can be achieved by ensuring there are no “black openings” that may interrupt the viewer's experience.





## DEPTH

Depth refers to how fixtures are placed to help achieve dimension in a scene. One way to create depth is to use a variety of power wattages.





## FOCAL POINTS

Highlighting the unique features of a property creates focal points that draw the viewer's attention.

Examples include water features, statues, and trees.





## REFLECTIVITY

The lighter the surface, the more reflective light you will create. This is true regardless of the surface, from plant materials to stone.





## QUALITY & DIRECTION

When designing a lighting system, do everything you can to hide the source of light. This ensures viewers will see only the effect.





## PERSPECTIVE

Perspective refers to how the scene appears from various angles. Walk around the property and take notes on how your design will look from both inside and outside the home.





## BALANCE & SYMMETRY

Achieving balance and symmetry in a lighting scene will increase its appeal. When designing, look for ways to keep things balanced and symmetrical..



# LIGHTING TECHNIQUES RECAP

- COHESION
- DEPTH
- FOCAL POINTS
- REFLECTIVITY
- QUALITY & DIRECTION
- PERSPECTIVE
- BALANCE & SYMMETRY





# TECHNIQUES



## UPLIGHTING

Uplighting is one of the most basic forms of landscape lighting. This technique is used to create drama with a taller structure or tree





## MOON/ DOWNLIGHTING

Downlighting is the placement of lights above an object, resulting in an effect that replicates natural light.





## CROSS- LIGHTING

Cross-lighting is uplighting with two or more fixtures located at different angles. Its effect defines surface textures, whereas using a single front light flattens the surface.





# MIRROR LIGHTING

Mirror lighting involves using the reflective surfaces of water features to create a dramatic scene.





## NICHE LIGHTING

Niche lighting involves using a fixture attached to a structure to illuminate areas such as decks and entrance ways.





# STEP LIGHTING

Step lighting is important for safety.  
Illuminate steps with fixtures that  
can attach to a structure.





## PATH LIGHTING

Path lighting involves lighting plant beds and pathways to provide curb appeal and, of course, make walking safer.





## GRAZING

Grazing involves placing the light fixture close to the plane of the wall, fence, or other feature and directing the light beam obliquely across the surface. It accentuates surface texture and is a particularly dramatic way to highlight the texture of a stone or brick wall.





## SILHOUETTING

Silhouetting is the use of backlighting to create a focal point with shadows, increasing the sense of drama and romance. It works well with shrubs and trees that have interesting bark and structure.





## WALL WASHING

This technique places the fixture far enough away from the wall to uniformly light it up from the top to bottom. The effect is a smooth “wash” that has been traditionally used to hide imperfections and eliminate shadows, while putting an emphasis on the vertical surface making smaller spaces perceptually feel larger.





# SHADOWING

Shadowing involves creating interesting and unique shadows on walls.



# ARCHITECTURAL LIGHTING

Architectural lighting involves illuminating the subject from the back. This creates a glowing effect on the edges of the subject while other areas remain dark.



# MINI SHOWTIME CLOSER

Set up a 20-light visual experience for your clients in less than 10 minutes!

- 5 Black Saturn S1 with cord and plug
- 15 Black Saturn S2 with cord and plug
- 125' line of 10/2 cable with Quick Connect System
- 150W transformer
- Hard shell rolling case



*With both the sales presentation kit and the showtime closer, you will have all the tools necessary to be successful with a minimum investment!*



**LEARN**  
**NIGHT LIGHT**  
OBSERVE • DESIGN • REFINE

Garden Light LED and Illuminating Engineering Society have collaborated to release Learn Night Light: Observe, Design, Refine, with the esteemed **Janet Lennox Moyer**. This uniquely immersive course features 10 sessions of an enchanting nighttime perspective by demonstrating how to paint the night with light. 10 CEUs. 10 AIA LUs.

Change the night and register today!

[IES Learning: Learn Night Light: Observe, Design, Refine](#)

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# INNOVATION BEGINS AND IS BUILT IN AMERICA

**Installation and photo credit:**

Janet Lennox Moyer

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