

# LANDSCAPE LIGHTING 101™

A COMPLETE GUIDE TO PLANNING AND PLACING LANDSCAPE LIGHTING FIXTURES TO ACCENT YOUR PROPERTY AND HIGHLIGHT YOUR HOME.

NOT SURE WHERE TO START WITH DEVELOPING YOUR EXTERIOR LIGHTING PLAN? CHECK OUT ETCH-A-SKETCH ON PAGE 9.



VIEW THE INTERACTIVE VERSIONS OF LANDSCAPE LIGHTING 101 AND LIGHTING 101 (YOUR GUIDE TO SIZING AND SELECTING INTERIOR FIXTURES) ON [HINKLEYLIGHTING.COM](https://www.hinkleylighting.com)!

### 1 SPOT LIGHTS

Spot lights are the go-to fixture to highlight elements of your landscape that add the most visual appeal, such as foliage, trees and architectural elements.

### 2 LUNA STEP LIGHT

Available in 12V and 120V and a variety of colors (both double and single gang), the Luna Step Light is a versatile way to safely illuminate areas of foot traffic both indoors and out. Also fully dimmable, these fixtures allow customization of light output with only 4w of power consumption.



### 3 HARDSCAPE LIGHTING

Hardscape lighting (such as fixtures from the Nuvi and Nexus collections) is the perfect light source to use on retaining walls, brick or stone columns and under all types of steps including wood, stone, brick and composite. It can also be used on the underside of a wide variety of outdoor surfaces including built in seating, pergolas, hand railing and fence rails.

### 4 GRAZING

Grazing is a technique used to emphasize a textured surface or architectural element (such as a tree trunk, a stone wall, climbing ivy, etc.) by placing a light source within one foot of the surface and aiming the light beam parallel to that surface. This technique is most commonly accomplished with a spot light or well light.

### 5 STEP LIGHTING

Step lighting is a safety must for outdoor zones with elevation elements, especially in areas without overhead illumination. Take the traffic pattern of your space into account to cover commonly used areas.

**STAIRWAY WIDTH** step lights should be installed on the horizontal center of each riser, taking the fixture's louver angle into account for light reach.

**WIDE AREA WIDTH** step lights are generally installed 4'-6' apart, depending on fixture width.

### 6 DECK LIGHTING

Installing deck lights adds safety and illumination to your outdoor entertaining spaces. Fixtures are most often installed into the posts of a deck to provide proper light output around the perimeter.

### 7 OUTDOOR PENDANTS

Outdoor chandeliers, exterior pendants and hanging lanterns can be used as a lighting source to illuminate and accent an outdoor dining space. A general guideline to follow is the same as interior fixtures, which is for the bottom of the fixture to sit 28"-34" above the table.

### 8 OUTDOOR FLUSH MOUNTS

Flush mounts are the perfect lighting selection for second story balconies or overhangs to provide a nighttime glow.

### 9 OUTDOOR LANTERNS

Lanterns mounted at a point of entry to the home provide safety, security, and a welcoming decorative element. In all cases, the center of the light source should rest about 66" above the threshold.

**ONE LANTERN** should measure about  $\frac{1}{3}$  the height of your door.

**TWO LANTERNS** should measure about  $\frac{1}{4}$  the height of the door.

### 10 PATH LIGHTING

Path lighting is the perfect way to add style and safety to a walkway. Lights should be placed about 6' apart from one another, and staggered on either side of the path. Consider the light output of your fixtures to determine spacing that keeps the light from overlapping.

### 11 SHADOWING

Shadowing is an effect created by placing a light source, often a spot light, in front of an object and projecting a shadow onto a surface behind the object, such as the shadow of a tree onto a home's façade.

### 12 UPLIGHTING

Uplighting is illuminating an area, surface or object from below to create a focal point in the landscape. Spot lights and well lights are the most common fixtures to use. Consider the width of the area you will be illuminating when choosing the beam spread of the fixture or bulb.

### 13 TRANSFORMER

Transformers convert your 120-volt household current to 12-volt. Calculate the total lamp wattage, or VA for LED, that your system requires and choose a transformer powerful enough to handle the total wattage/VA with extra capacity.

**EXTERIOR INSTALLATION** on the side or back of the home must be mounted 12" from the ground next to an outlet.

**INTERIOR INSTALLATION** such as in a basement, garage or shed must be listed for that application. UL code also requires an additional plate to guard against fire and conduit must be used when running wiring through an interior wall.