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[www.ledpower.com](http://www.ledpower.com)  
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# About Us

Artled fixtures have been in the architectural linear LED lighting industry for over 25 years. ARTLED holds multiple patents, and is considered a leader in innovation. Now we are taking our expertise into the landscape architectural lighting industry.

Welcome to ARTLED Lighting, where innovation meets illumination. We are dedicated to transforming spaces with our cutting-edge solutions. Our mission is to enhance your environment with intelligent lighting that is both energy-efficient and aesthetically pleasing.

At the heart of our products are top-quality Nichia LEDs, meticulously selected for their superior brightness, longevity, and energy efficiency. Our LEDs are designed to provide consistent, high-quality illumination that enhances the ambiance of any space, while reducing energy consumption and maintenance costs.

In addition to our premium LEDs, we utilize advanced and customized optical beam technology to ensure precise light distribution. This technology allows us to create lighting solutions that are not only visually stunning but also highly functional, providing optimal illumination exactly where it's needed.

We are committed to using only the highest quality materials and components in our products. From durable housings to reliable drivers, every element is chosen to ensure longevity and performance. This dedication to quality means our lighting solutions are built to last, providing you with peace of mind and exceptional value.

Our commitment to quality and innovation drives us to continuously improve our products and services. We believe that smart lighting should be accessible to everyone, and we strive to offer solutions that are both affordable and easy to use, supported by personalized customer service.

Join us on our journey to light up the world with smarter, more efficient lighting. Experience the difference that top-quality LEDs, advanced optical beams, and superior materials and components can make in your home or business.



Transform your outdoor spaces with the innovation and intelligent design of this series. This advanced motorized, retractable landscape light combines top quality materials and components with modern aesthetics and functionality, delivering the perfect ambiance, whether day or night.

■ **Retractable Design**

*The lights rise at sunset to illuminate your garden, pathways, or outdoor areas, and retract into the ground at sunrise, keeping your landscape clean and unobstructed during the day. Powered and controlled by standard 12vac landscape transformer.*

■ **Versatile Applications**

*Available in different models such as Path/Area Light, Wall-wash Light, and an adjustable-angle Up-light, with choice of beam patterns and color temperatures, catering to various outdoor lighting needs.*

■ **High-quality LEDs and Optical Beams**

*Fixtures are manufactured with top quality components including LEDs and optical lenses which provide an architectural and aesthetically pleasing light and even illumination.*

■ **Weather-Resistant**

*IP66 - Designed to withstand outdoor environments with waterproof and dust-proof features, and winter mode, ensuring durability in all weather conditions.*

■ **3 Year Warranty**

■ **Patented in Taiwan & China. Patent pending in USA & Australia.**

[CLICK HERE TO WATCH VIDEO](#)



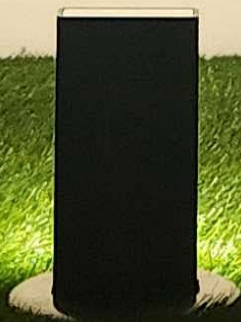


## ***Why is it so important that we use Quality Optics on our LED Landscape Fixtures?***

When it comes to LED landscape fixtures, the quality of optics is a key factor in determining their performance and overall effectiveness. High-quality optics can significantly enhance the illumination, distribution, and efficiency of the light produced by these fixtures.

- 1. Enhanced Light Distribution** Quality optics ensure that the light emitted by LED landscape fixtures is distributed evenly and precisely across outdoor spaces. This means no dark spots or excessive glare, just consistent and reliable illumination. Whether it's for pathways, gardens, or architectural highlights; well-designed optics can control and direct the light exactly where it's needed, enhancing both safety and the visual appeal of the landscape.
- 2. Improved Efficiency** LEDs are renowned for their energy efficiency, and pairing them with high-quality optics further boosts their effectiveness. Quality optics reduce light waste by focusing the light in the desired direction, ensuring that every bit of energy is used effectively. This leads to lower energy consumption and reduced operational costs for outdoor lighting.
- 3. Better Color Quality** The right optics can significantly influence the color rendering capabilities of LED landscape fixtures. High-quality optics help maintain the integrity of the light spectrum, resulting in more accurate and vibrant color representation. This is crucial in outdoor settings where the true beauty of nature and architectural elements should be highlighted.
- 4. Increased Lifespan** By optimizing light output and reducing thermal stress, quality optics contribute to the longevity of LED landscape fixtures. Proper light management prevents overheating and ensures that LEDs operate within their optimal temperature range, extending their lifespan and reducing the need for frequent replacements.
- 5. Enhanced Aesthetics** The design of optics also enhances the overall aesthetic appeal of landscape lighting installations. High-quality optics can create visually pleasing lighting effects and highlight outdoor features, enhancing the ambiance of any space. Whether you're aiming for a warm and inviting garden or a dramatic architectural showcase, quality optics play a key role.

The importance of quality optics in LED landscape fixtures cannot be overstated. They not only enhance the performance and efficiency of LEDs but also contribute to improved light distribution, color quality, and lifespan. Investing in high-quality optics ensures optimal landscape lighting performance and satisfaction. Illuminate your outdoor spaces wisely!



# Optical Beam Examples

**elevateLux**  
*Retractable Landscape Lighting*

Narrow Beam



Wide Beam





## Retractable Landscape Light Series



**EL70D**  
Single or Dual-Sided Illumination



**EL70U**  
Adjustable Angle Up-Light



**EL75D**  
360° Pathway Illumination



**EL90U**  
Fixed Angle 120° Up-Light



## EL75D

### Pathway & Area Light

The EL75D is a motorized retractable landscape light perfect for pathway and area lighting. 360° light distribution. 2700k, 3000k, 4000k, 5000k color temperatures are available.

4 levels of brightness are able to be selected once powered. Choose from 3 different fully raised height build options of 6", 12" or 24". When powered on, the fixture raises to max height and when powered off, fixture retracts to be flush with ground level.

Works with standard 12vac landscape transformer.

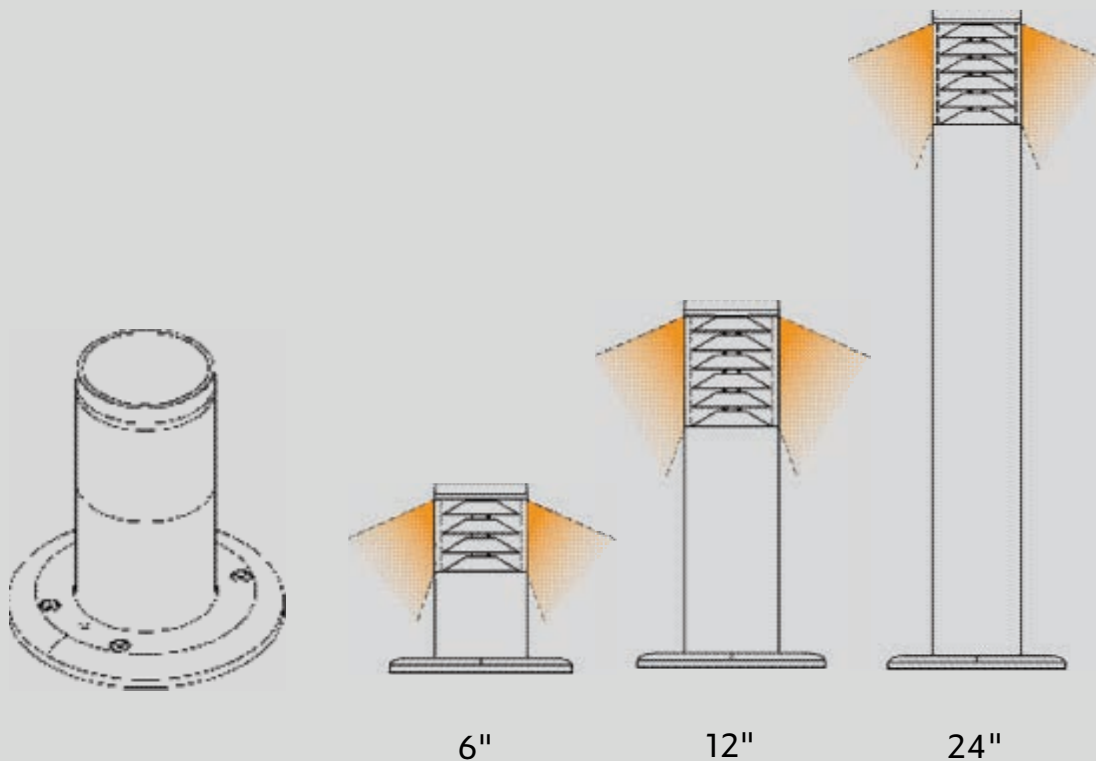
### MATERIAL

Constructed from extruded aluminum housing and stainless steel.

The stainless base comes in choice of finish:  
- stainless, bronze, black, white.

Diameter	Ø3"		
Raised Height	6"	12"	24"
Wattage (Max.)	5w	8w	8w
Input Voltage	AC 10-18V		

\*The light consumes a maximum of 12w when it is rising up while powered on.





## EL70D

### Pathway & Area Light

The MLB-EL70D is a motorized retractable landscape light perfect for pathway and area lighting. This can be built with single or dual sided illumination and 30°, 60° 90° or 30x60° light distribution. 2700k, 3000k, 4000k, 5000k color temperatures are available.

4 levels of brightness are able to be selected once powered. Choose from 3 different fully raised height build options of 6", 12" or 24". When powered on, the fixture raises to max height and when powered off, fixture retracts to be flush with ground level.

Works with standard 12vac landscape transformer.

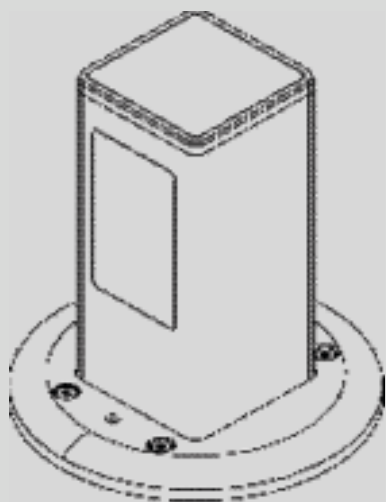
### MATERIAL

Constructed from extruded aluminum housing and stainless steel.

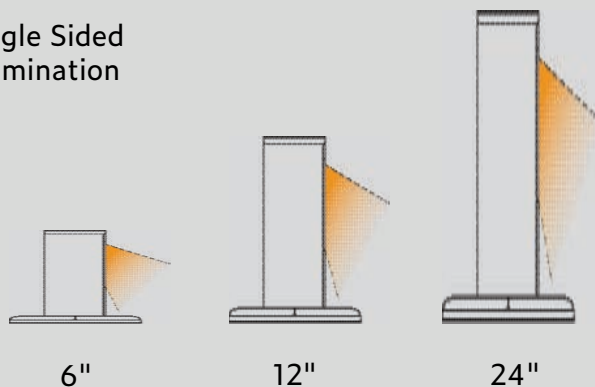
The stainless base comes in choice of finish:  
- stainless, bronze, black, white.

Diameter	2.8"x2.8"		
Raised Height	6"	12"	24"
Wattage (Max.)	2.5w single side, 5w dual side		
Input Voltage	AC 10-18V		

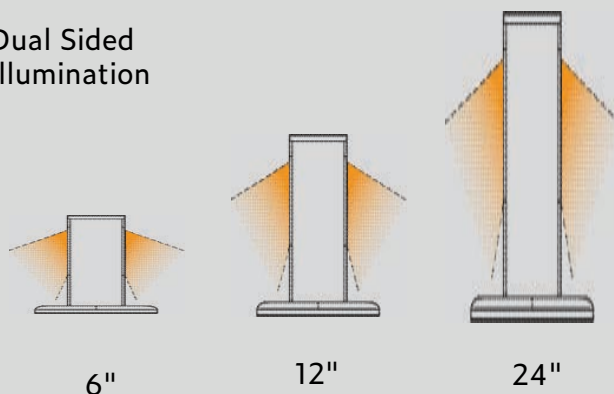
\*The light consumes a maximum of 12w when it is rising up while powered on.



### Single Sided Illumination



### Dual Sided Illumination







## EL70U

### Pathway & Area Light

The MLB-EL70U is a motorized retractable landscape light perfect for pathway and uplighting. Single sided illumination with an integral adjustable angle from 0-45° and 30°, 60° or 30x60° light distribution. 2700k, 3000k, 4000k, 5000k color temperatures are available.

4 levels of brightness are able to be selected once powered. When powered on, the fixture raises to max height of 6 inches and when powered off, fixture retracts to be flush with ground level.

Works with standard 12vac landscape transformer.

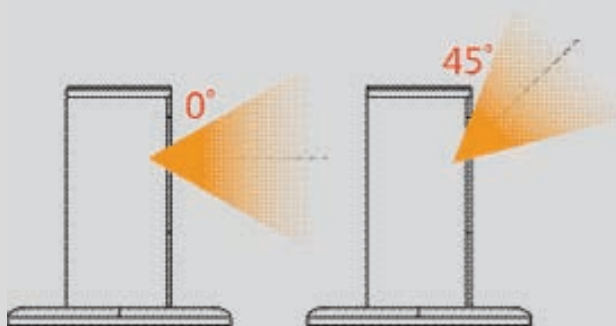
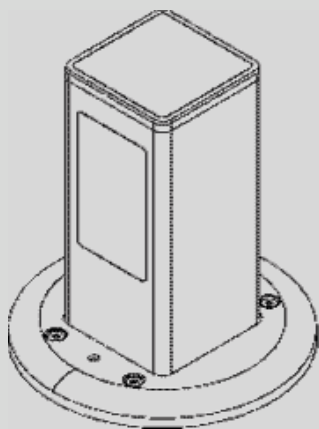
### MATERIAL

Constructed from extruded aluminum housing and stainless steel.

The stainless base comes in choice of finish:  
- stainless, bronze, black, white.

Diameter	2.8"x2.8"
Raised Height	6"
Wattage (Max.)	5w or 8w
Input Voltage	AC 10-18V

\*The light consumes a maximum of 12w when it is rising up while powered on.



6" height with adjustable beam angle



## EL90U

### Pathway & Area Light

The MLB-EL90U is a motorized retractable landscape light perfect for uplighting. Single sided upward illumination with 120° light distribution. 2700k, 3000k, 4000k, 5000k color temperatures are available.

4 levels of brightness are able to be selected once powered. When powered on, the fixture raises to max height of 6 inches and when powered off, fixture retracts to be flush with ground level.

Works with standard 12vac landscape transformer.

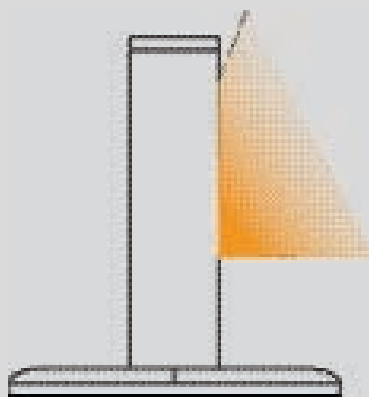
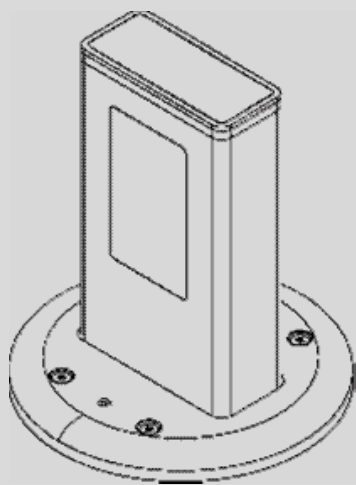
### MATERIAL

Constructed from extruded aluminum housing and stainless steel.

The stainless base comes in choice of finish:  
- stainless, bronze, black, white.

Diameter	1.6"x3.5"
Raised Height	6"
Wattage (Max.)	12w
Input Voltage	AC 10-18V

\*The light consumes a maximum of 12w when it is rising up while powered on.



6" raised height



# Q & A

v1.0

1 What are the advantages of installing the ElevateLux Retractable Landscape Light?

- A unique retractable lighting design that combines modern aesthetics and functionality. The light rises at sunset and retracts at sunrise, maintaining a clean landscape during the day.
- Retracted lights reduce tripping hazards, make yards or lawns more usable, and improve lawn maintenance efficiency.

2 What input voltage does it use? Is a separate power supply needed?

It uses the same AC12V voltage as standard landscape lights and can utilize the transformer already installed for existing landscape lights. However, please ensure the total wattage of the lights does not exceed the transformer's maximum capacity.

3 Can the ElevateLux Landscape Retractable Light directly replace existing landscape lights?

Yes, the ElevateLux series operates on low-voltage AC12V, the same as most commercial landscape lights. It is easy to install and can directly replace any AC12V landscape light to suit your lighting needs.

4 Is it difficult to install?

Installation is straightforward. The product uses a 12V low-voltage system, with an installation process similar to standard garden lights, allowing users to set up easily. Refer to the included installation manual for detailed steps.

5 How do you control the raising and retracting of the light?

When the power is turned on, the light automatically rises to the fully raised height. Once fully raised, the light stays steadily on. When the power is turned off, the light turns off and automatically retracts into the ground.

6 Why is it recommended to wait 4 minutes before turning off the power once lights have been turned on?

After the light is powered and rises to the highest point, it requires 4 minutes to charge the system in preparation for the power needed for the next descent. Therefore, it is recommended to wait until the charging is complete before turning off the power.

7 Does the light contain a battery? How long is its lifespan? Is it safe?

The power needed for retraction is minimal, so capacitors are used instead of batteries to store energy. Capacitors have a longer lifespan, are more reliable, and eliminate safety concerns associated with batteries.

8 Can the brightness be adjusted? Will it remember the previous brightness setting when turned on again?

Yes, brightness can be adjusted using the included magnet. By lightly touching the symbol on the light, the brightness cycles through four levels of brightness. Remove the magnet at the desired brightness, and the light will retain this setting. The previous brightness level will also be remembered the next time the light is turned on.

9 Can the projection angle be adjusted? Will it remember the previous angle setting when turned on again?

Yes, some models have this feature, and the projection angle can be adjusted using the included magnet. Lightly touch the symbol on the light to slowly raise or lower the angle in a continuous cycle. Remove the magnet at the desired angle, and the light will maintain this setting. The previous angle will also be remembered the next time the light is turned on.

10 Can the light beam angle be adjusted?

No, the light beam angle cannot be adjusted. Please choose the light fixture with the desired beam angle when purchasing, as it is fixed.

11 Can the raised height of the light be adjusted?

No, the raised height is fixed and cannot be adjusted. Please confirm the appropriate height for your installation location before purchasing. The SmartScapes Path Light series offers three height options: 6", 12", and 24".

12 Does the ElevateLux Retractable Landscape Light series have scheduling capabilities?

No, the ElevateLux series does not currently support scheduling. This would be controlled through your transformer timer. It is recommended to add an external scheduling device before the transformer to achieve this functionality.

13 Will the light be damaged if a lawn mower passes over it after it retracts into the ground?

No, lightweight machinery like lawn mowers used on grass will not damage the light when it is retracted into the ground.

Please note:

Avoid driving vehicles such as cars, trucks, or other heavy machinery over the light.

When using scarifier, dethatchers or aerators, be cautious as some equipment with hard blades might damage the light's exterior.

14 If the light encounters external force or obstruction during retraction, causing it to stop midway, will it be damaged? How should it be handled?

The light will not be damaged if it stops midway due to obstructions or external force. Once the obstruction is removed, the light can resume normal operation. Please follow these steps:

1. Remove the light from the PVC pipe and check for obstructions inside the pipe or the aluminum housing.
2. Remove any obstructions and, if necessary, rinse the aluminum housing with water to clear dirt or debris.
3. Turn on the power to raise the light to its highest point, allowing the system to charge (approximately 4 minutes).
4. Turn off the power, and the light should fully retract into the ground.

If the issue persists, contact your supplier.

15 Will the light be damaged if heavy objects or obstacles block their ascent when powered on?

No, as long as the obstacle is removed, the light can ascend normally once the power is turned back on.

16 If the light's ascent is stopped by downward force during operation, will it be damaged?

No, the light will stop at the obstructed position. If pressure continues, it may lower further due to the continuous force but will not be damaged. Stop or remove the force and turn the power back on to allow the light to rise fully.

17 Will the light be damaged if pushed down by force after reaching its highest point?



No, the light may lower under excessive downward force but will not be damaged. Stop or remove the force and turn the power back on to allow the light to rise fully.

18 Will rainwater enter the light after rainfall?

No, the light is designed to be waterproof, and rainwater will not get into the fixture.

19 After heavy rain, if water flows into the PVC pipe and accumulates, will it affect the light's functionality?

Yes, the light will work fine as normal even if there is water in the PVC pipe. As long as the installation area has an adequate drainage system, temporary water accumulation will not affect the light's functionality, even if it takes a few days to drain completely.

20 What considerations are needed for installing lights in snowy or frost-prone areas?

1. For snowy regions, avoid installing lights in low-lying areas prone to snow accumulation or snowplow dumping zones.
2. Before winter, set the lights to "Force High Position," which keeps them elevated and prevents retraction even when the power is off. (Refer to "Snow Season Settings.")
3. After winter, cancel the "Force High Position" setting to resume normal ascent and descent operations.

21 What happens during freezing or frosty weather?

The product operates within a temperature range of -20 °C to 50°C, but cold weather may cause ice or frost, which could obstruct the light's upward or downward movement. This is due to ice buildup in the gaps of the light's lifting mechanism. This will not damage the product, but it will temporarily prevent the light from moving up or down. Here's how to handle it:

- a. Wait for the temperature to rise, allowing the ice to melt, and the light will resume normal movement.
- b. Use warm water to spray the surface of the light to help melt the ice: If the light is stuck halfway during its movement, spraying warm water on the surface can help melt the ice. Then, turn the power back on to let the light rise to its highest point. If you want the light to retract to the ground, wait for 4 minutes to allow the light to charge, then turn off the power, and the light will retract to the ground.

22 Does the light require regular maintenance after installation?

Every few months or after heavy rainfall with flooding, remove the light to check for dirt or debris inside the aluminum housing. Clean with water if necessary.

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