



### WARRANTY & RATING



### SPECIFICATIONS

- Wattage: 12W
- Voltage: 12-24V AC/DC
- Luminous Flux: 600lm
- Beam Angle: 65°
- Color Rendering Index (CRI): 80
- Lifespan: 36,000 hours
- Light Source: LED
- Color Temperature (CCT): warm white, white, red, green, blue, yellow, purple (adjustable)
- Waterproof Rating: IP65
- Operating Temperature: -4°F to 104°F
- Material: Die-cast Aluminum

### PRODUCT DESCRIPTION

LEONLITE 12W RGB Low Voltage Landscape Lights, with a 65° wide beam, effectively create bright zones for area lighting. These lights, boasting 7 colors and 2 dynamic modes, are IP65 waterproof and ETL listed, offering excellent cost-performance. The 135° vertically adjustable light holder enables targeted, multi-angle illumination.

### FEATURES & BENEFITS

- ETL Listed & IP65 Waterproof: Ensures durability and reliability outdoors.
- High Cost-Performance: Efficient area lighting, 65° wide beam for large trees and distinct bright zones.
- Adjustable Light Holder: 135° vertical rotation for targeted illumination.
- 7 Colors & 2 Dynamic Modes: Versatile color options for enhanced ambiance.
- Safe Low Voltage: Ideal for homes with children and pets, 12V-24V AC/DC.

### POWER AND ELECTRICAL FEATURES

- The product is ETL certified, operates at a voltage of 12-24V AC/DC, and has a power output of 12W. Its luminous flux is 600 lumens, equivalent to a 50W incandescent bulb.
- The wires and plugs are UL certified and constructed from brass, with connections using waterproof wire caps. The exposed length of the power cord is approximately 4.92 feet.

### DESIGN AND STRUCTURE

- The light offers various colors: 3000K warm white, 5000K mixed white, red, green, blue, yellow, purple, along with 7-color jump and 7-color breathing options. Upon initial power-up, it defaults to warm white and remembers the last setting used. It allows switching between 7 single colors and two dynamic modes with a button press; holding the button for 5 seconds turns off the light, and a short press turns it back on.
- Timing settings include a 1.5s jump time with no overlay time and a 10.4s breathing time with a 0.3s overlay time, providing consistent visual effects in terms of speed and transition.

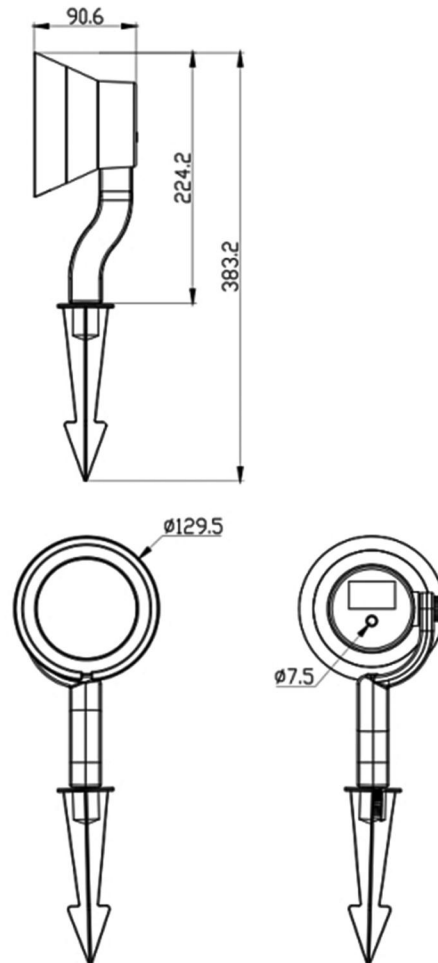
### ADDITIONAL COMPONENTS

- Includes 2 waterproof wire caps.

### LED AND OPTICAL PERFORMANCE

- The LEDs have a rated/design working power of RGB 1.5W/white 2W, operating current of 150mA, and consist of 6 RGB and 6 2835 SMD LEDs. The sizes of the LEDs are 5050 and 2835, respectively, with an efficiency of 120-130 lumens/watt.
- Additional notes: The warm white has a 3000K color temperature, mixed white has 5000K, and the CRI for warm white is 80, which is a standard rating.

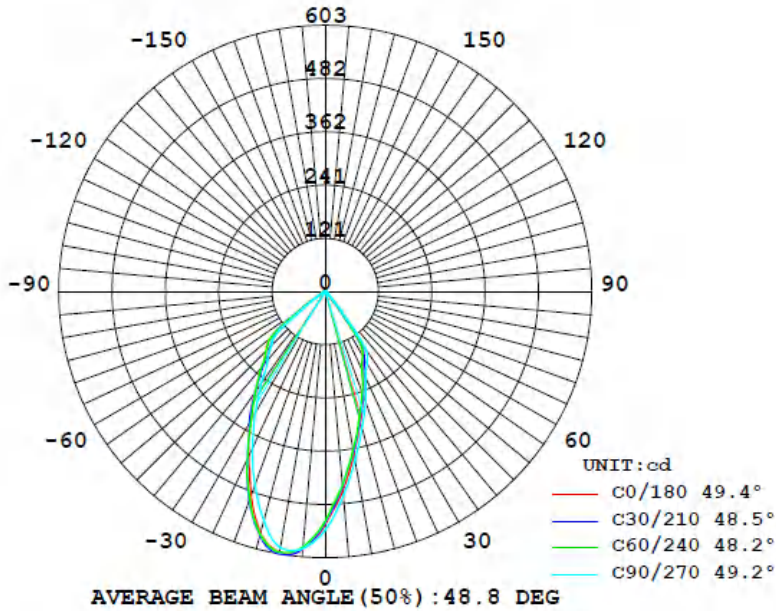
### PRODUCT DIAGRAM



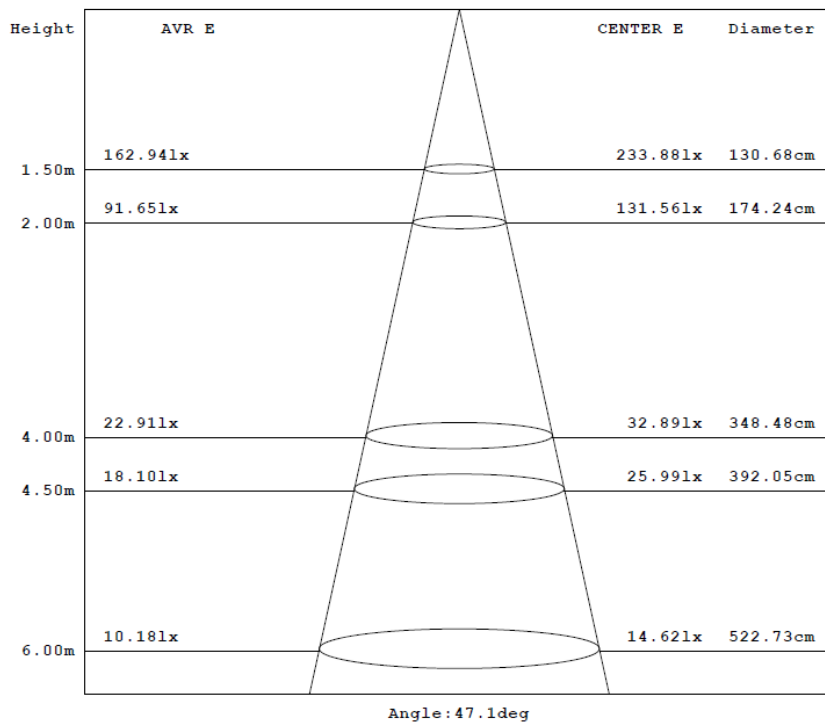
Size in mm  
1" = 25.4mm.

### PHOTOMETRICS (5000K)

#### LUMINOUS INTENSITY DISTRIBUTION



#### AVERAGE AND CENTER E Figure



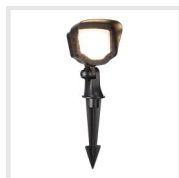
## Commercial-Style Wide-Angle Flood Lights

Designed to illuminate extensive outdoor spaces with a clear, widespread glow.



Round Grandangolo Flood Light

Beam angle: 65°



Square Grandangolo Flood Light

Beam angle: 75°

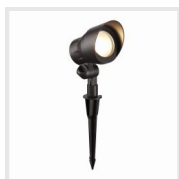


Round Grandangolo Flood Light - RGB

Beam angle: 65°

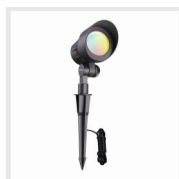
## Versatile Mid-Angle Outdoor Flood Lights

wall washing, highlighting, texture grazing, shadow casting, and silhouette lighting.



LeonLite® Punto Spot Light

Beam angle: 48°

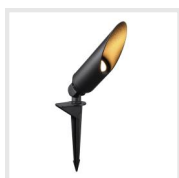


LeonLite® Punto Spot Light - 3CCT

Beam angle: 48°

## Narrow-Beam Focus Spot Lights

Perfect for accentuating specific features, whether it's building decor or garden highlights.



XGEN™ Acuto Ordinario Spot Light

Beam angle: 15°



XGEN™ Acuto Tall Spot Light

Beam angle: 15°

## 277V High-Luminosity Commercial Lights

Engineered for extraordinary brightness in commercial applications.



LeonLite® Commercial Ultra Bright Spot Light

Beam angle: 35°



LeonLite® Potente Smart LED Flood Light

Beam angle: 120°

## Fountain & Pond Underwater Lights

Designed to accentuate water flows and illuminate fish, without harming the ecosystem.



LeonLite® Sottomarini Underwater Light

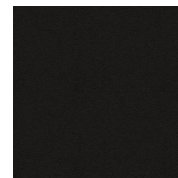
Beam angle: 15°

## All Color Options

some models may have limited choices.



Stainless Steel



Matte Black



Oiled Rubbed Bronze

## Compatible Accessories



Outdoor Transformer, AC to DC, 12V 60W, Timer & Photocell



Outdoor Transformer, AC to DC, 12V 100W, Timer & Photocell



Outdoor Transformer, AC to DC, 12V 120W, Timer & Photocell



Waterproof Wire Nuts - Large (For terminals/multiple connections, fits 12AWG - 22AWG, up to 8 wires of 16/2)



Waterproof Wire Nuts - Medium (Fits 14AWG - 22AWG, up to 3 wires of 16/2)



Low Voltage Landscape Lighting Cable, 16/2

Note: Also available in 10/2, 12/2, 14/2 sizes.



Landscape Light Wire Connector (14-16 AWG Compatible)



EasyConnect Wire Connector (14-16 AWG Compatible)