



WARRANTY & RATING



SPECIFICATIONS

- Wattage: 5W
- Voltage: 12V-24V AC/DC
- Luminous Flux: 350lm±5%
- Beam Angle: 15°
- Color Rendering Index (CRI): 80+
- Lifespan: 30000 hrs
- Light Source: N/A
- Color Temperature (CCT): 2700K Soft White
- Waterproof Rating: IP68
- Operating Temperature: -4°F to 122°F
- Material: Stainless Steel

PRODUCT DESCRIPTION

The LED Underwater Spotlights, boasting an IP68 waterproof rating, are engineered for complete waterproofing. Constructed from robust stainless steel and capable of being installed at depths of up to 16.4 feet, they are ideal for accentuating water flows in fountains or waterfalls. Additionally, these lights ensure the safe illumination of aquatic life, causing no harm.

FEATURES & BENEFITS

- Complete waterproofing with IP68 rating, ensures durability underwater.
- 15° focused beam, highlights water flows and fish.
- 260° horizontal rotation, precision lighting.
- Stainless steel, corrosion-resistant, harmless to aquatic life.

POWER AND ELECTRICAL FEATURES

- The product is ETL certified, ensuring it meets stringent safety standards for North America. It operates with an input voltage of 12V to 24V AC/DC and has a power output of 5 watts.
- The electrical wiring and plug are UL certified, made from brass for durability. The power cord is specified as 18 AWG outdoor wire, approximately 9.8 feet (3 meters) in length, designed for external use.

DESIGN AND STRUCTURE

- This lighting fixture is IP68 rated for complete waterproofing, but it is not suitable for use in hot water. Typically, it is mounted with screws at the bottom of a pond but should not be used in swimming pools.
- With a 15° beam angle, the light head can rotate up to 260 degrees on its bracket. This feature allows for visible light paths, ideal for highlighting fountain streams or the impact area of artificial waterfalls and illuminating fish.
- The housing is made of SUS304 stainless steel, which is harmless to aquatic life in the pond.

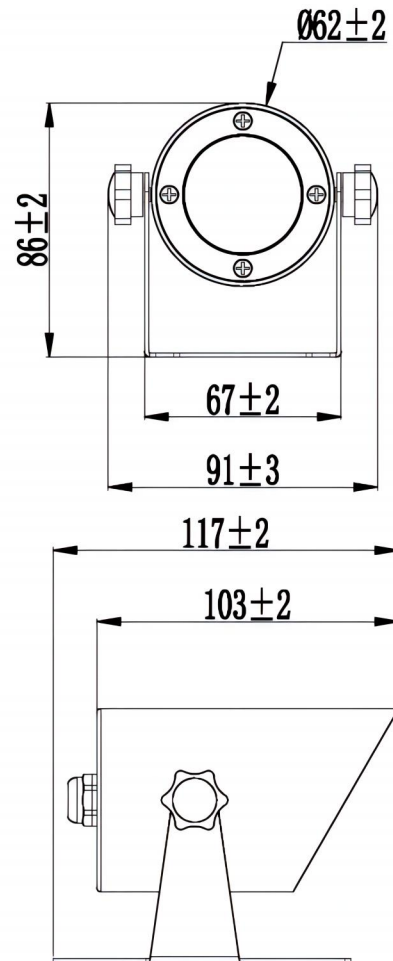
ADDITIONAL COMPONENTS

- The package includes three self-tapping screws and three expansion tubes for secure mounting, along with two waterproof caps for safe and reliable electrical connections.

LED AND OPTICAL PERFORMANCE

- It features six LED beads, size 3030, of the SMD type, with a color rendering index (CRI) of $\geq 80+$, ensuring vibrant and natural light. The total luminous flux is 350lm $\pm 5\%$ for the entire fixture, and it is equipped with an optical lens made of acrylic for efficient light distribution.

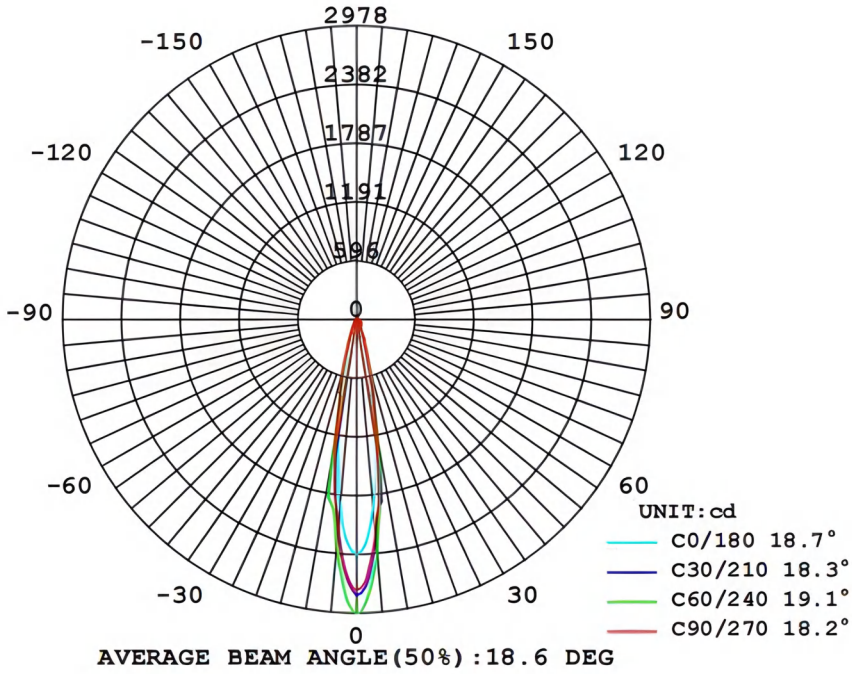
PRODUCT DIAGRAM



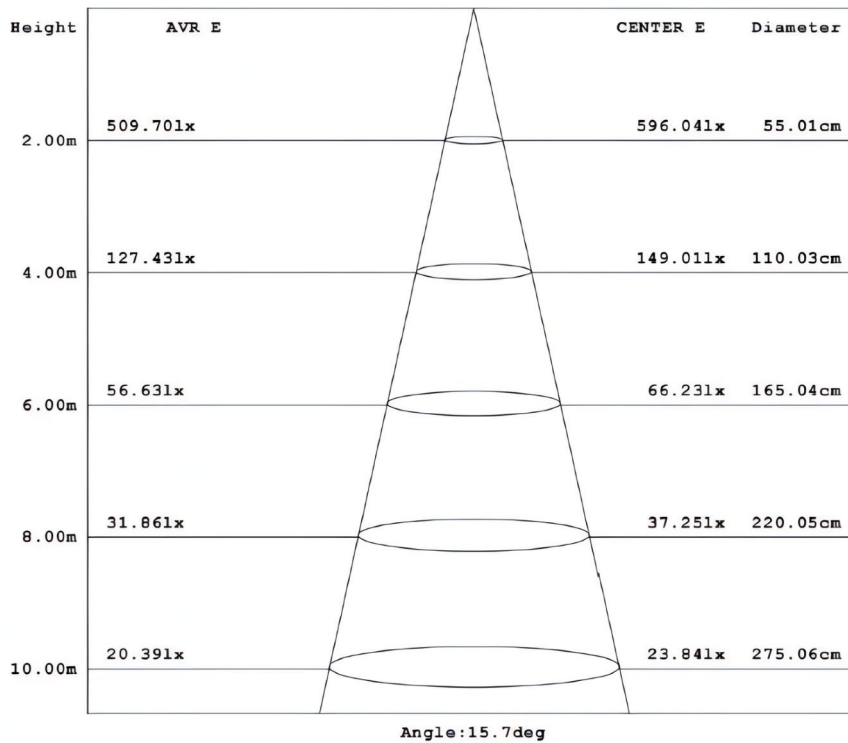
Size in mm
 1" = 25.4mm.

PHOTOMETRICS

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE AND CENTER E Figure



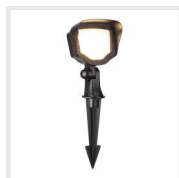
Commercial-Style Wide-Angle Flood Lights

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°

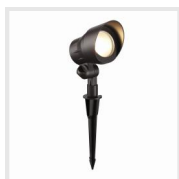


Round Grandangolo Flood Light - RGB

Beam angle: 65°

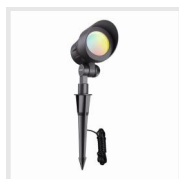
Versatile Mid-Angle Outdoor Flood Lights

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



LeonLite® Punto Spot Light

Beam angle: 48°

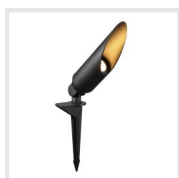


LeonLite® Punto Spot Light - 3CCT

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

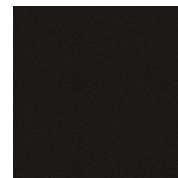
Beam angle: 15°

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)