



## WARRANTY & RATING



## SPECIFICATIONS

- Wattage: 6 watts
- Voltage: 12-24V AC/DC
- Luminous Flux: 300 lumens
- Beam Angle: 120
- Color Rendering Index (CRI): 90
- Lifespan: 50,000 hours
- Light Source: LED
- Color Temperature (CCT): 3000K Warm White
- Waterproof Rating: IP67
- Operating Temperature: -4°F to 104°F
- Material: Die-casted Aluminum

## PRODUCT DESCRIPTION

Designed for the discerning prosumer, LEONLITE's LED Well Lights deliver uniform, dimmable lighting ideal for outdoor areas. They are a smart choice for contractors looking for reliable, low-maintenance lighting solutions.

## FEATURES & BENEFITS

- Sidewalk-safe LEONLITE 6W LED Well Lights feature an anti-glare, side-illuminated design, with a CRI90 for true color lighting and a robust IP67 waterproof build for enduring outdoor use.
- Engineered for simplicity, these LED lights offer a one-piece, integrated chip with a 50,000-hour lifespan, and are crafted from durable, corrosion-resistant aluminum.
- Effortless to install with a low voltage requirement and UL-certified wiring, these lights ensure a secure, long-lasting presence in any outdoor landscape.

## POWER AND ELECTRICAL FEATURES

- Voltage Compatibility: Efficiently operates on a versatile low voltage input of AC/DC 12-24V, catering to a broad installation spectrum.
- Certified Wiring: Features UL-certified copper wiring (25CM), ensuring a safe, reliable electrical connection that is simple to integrate.

## DESIGN AND STRUCTURE

- Robust Build: Constructed from durable aluminum alloy with a sleek black finish, designed to seamlessly blend with outdoor aesthetics.
- Secure Installation: Non-trimmable, pre-stripped wire ends (0.5CM) expedite the installation process, standardized across units.

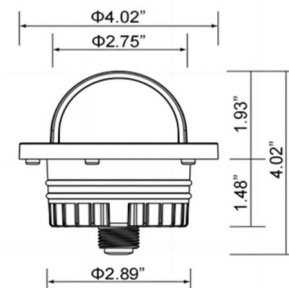
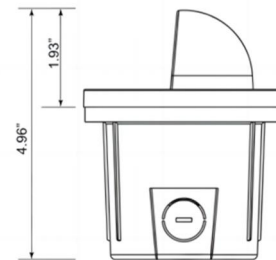
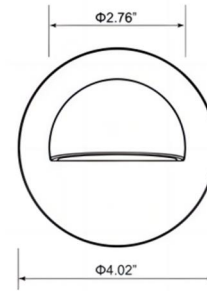
## ADDITIONAL COMPONENTS

- Waterproofing Excellence: The fixture includes two PVC waterproof wiring caps and an embedded part per light, fortifying its defense against moisture ingress.
- Compliance: Black PC embedded parts meet the rigorous 94V0 fire-resistant standard, ensuring heightened safety in installation and operation.

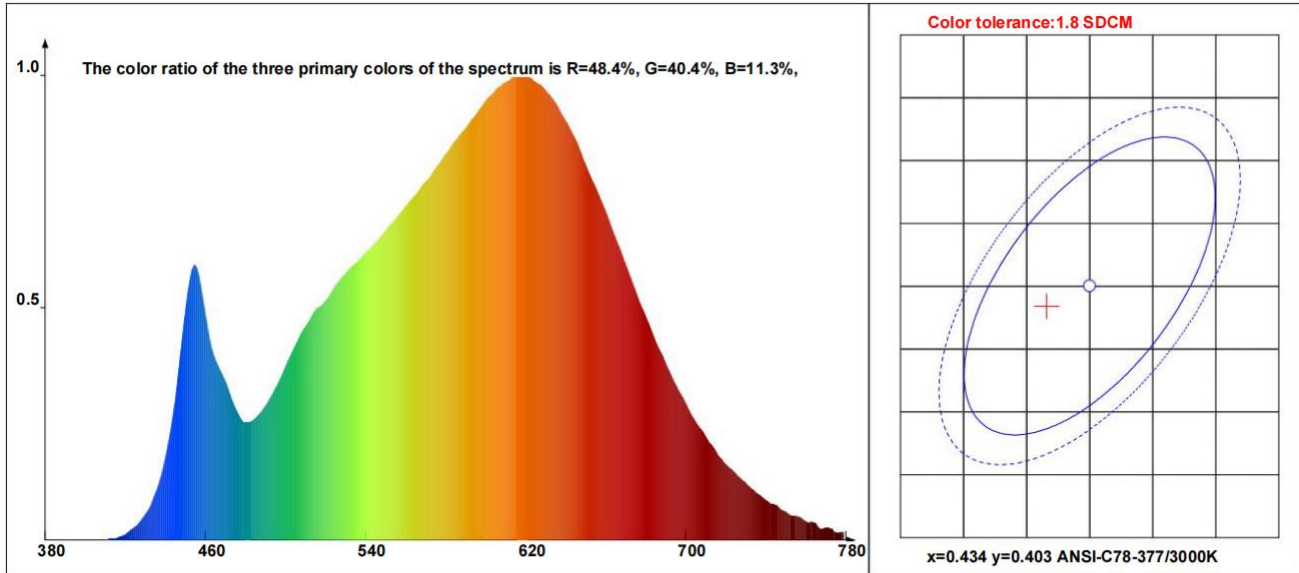
## LED AND OPTICAL PERFORMANCE

- Luminosity: Provides a luminous flux of 300lm (420lm when unshielded), delivered by 12 high-efficiency SMD LEDs sized 2835.
- Color Quality: Warm 3000K color temperature and high CRI90, offering true-to-life lighting for an enhanced visual experience.

## PRODUCT DIAGRAM



## PHOTOMETRICS



### Colorimetric parameters

Chromaticity coordinates:  $x=0.4304$   $y=0.4014$   $u=0.2475$   $v=0.3462$   $duv=-0.0001$

Correlated color temperature: 3091K Dominant wavelength : 582.5nm Color purity :

49.7% Luminous flux Color ratio: R=23.5%, G=74.6%, B=1.9% Peak wavelength: 614.7nm and a half Width :160.0nm

Color rendering index: Ra= 91.7

<b>R1 =92</b>	<b>R2 =96</b>	<b>R3 =98</b>	<b>R4 =90</b>	<b>R5 =91</b>	<b>R6 =95</b>	<b>R7 =92</b>	<b>R8 =80</b>
<b>R9 =55</b>	<b>R10=90</b>	<b>R11=90</b>	<b>R12=77</b>	<b>R13=93</b>	<b>R14=99</b>	<b>R15=88</b>	

## General Wall Wahser



LeonLite® Shielded In-Grade Well Light



LeonLite® Piano In-Grade Well Light



LeonLite® Essential In-Grade Well Light

## Glare free



LeonLite® Grated In-Grade Well Light



LeonLite® Crescente In-Grade Well Light



LeonLite® Fortezza In-Grade Well Light

## Xeriscape Style Landscape



LeonLite® Fortezza In-Grade Well Light



LeonLite® Crescente In-Grade Well Light

## Low shrubs Flower beds



LeonLite® Primo Quarto In-Grade Well Light



LeonLite® Piano In-Grade Well Light



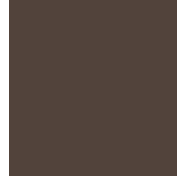
LeonLite® Essential In-Grade Well Light

## Residential Drive-over

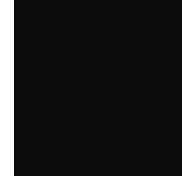


LeonLite® Grated In-Grade Well Light

## All Color Options



Brass Brown



Ebony Black



Pebble Grey

## 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



LeonLite® Waterproof Wire Nuts - Large



LeonLite® Waterproof Wire Nuts - Medium



Low Voltage Landscape Lighting Cable, 100ft, 16/2



LeonLite® Landscape Light Wire Connector



LeonLite® EasyConnect Wire Connector