

# LED MR16 Lamps Designed for Enclosed Fixtures

Illumicare Group Limited's new fully-stepped LED IC driver and unique thermal control ensure our LED MR16 lamp is capable of operating at temperatures well below the heat specifications of most leading LED chips - even when sealed inside weatherproof fixtures - allowing our lamps to live up to their full potential. By eliminating the electrolytic capacitor, we've developed LED lamps that outlast the competition.

Our MR16 LED lamps fit into thousands of existing landscape and commercial lighting fixtures enabling immediate, seamless replacement.

These MR16 lamps use less energy, and their long life curbs their impact on the environment by allowing for more simplified lighting systems and fewer lamp replacements compared to their halogen or incandescent equivalents.



250 - 300 Lumens  
6 Watts  
51.7mm x 49.5mm

Available in SP (Spot), NFL (Narrow Flood), and FL (Flood)

## The Illumicare LED Advantage:

- > Popular Base Types
- > Conventional Lamp Shapes
- > Fully-Stepped IC Driver
- > Completely Encapsulated Driver
- > Unique Thermal Control
- > 4 Different Color Temperatures
- > Consistent Lumen Output
- > 3 Beam Spreads

**Up to  
40,000  
Hours**

## Sustainability

Dramatically transform your architecture with exterior LED lighting that not only enhances the enjoyment of your property, but also reduces energy consumption and costs.



## Beauty

Professional grade, low-voltage LED lighting reveals, highlights, and softens your landscape design to enhance the aesthetic appeal of your property.

## Safety

Prevent accidents by installing failure-resistant LED lighting by paths, steps, driveways, water accents and perimeters.

Effective landscape design includes non-glare lighting to deter vandals and intruders, allowing you to feel comfortable after sunset, both indoors and out.

## Color Temperatures & Beam Spreads

2700K - 15° & 45°  
3000K - 15°, 30°, & 45°  
4000K - 15° & 45°  
5500K - 15° & 45°

## Performance Data

Input Voltage	Output Power	Operating Temperature	Operating Environment	L70
9 - 15V AC/DC	5.4W	35 - 40°C (95 - 104°F)	-20 to 40°C (-4 - 95°F)	40,000 Hours
Base	Luminous Flux	Color Temperature (CCT)	Beam Spreads	CRI
GU5.3, GX5.3	250lm - 300lm	2700K, 3000K, 4000K, 5500K	15°, 30°, 45° (depending on CCT)	80 - 85%

Whether you need to find the perfect lamp for downlighting, uplighting, spotlighting or even moonlighting, Illumicare's MR16 LED lamps offer three different beam spreads in four distinct color temperatures.

Illumicare's focus on reduced lamp failures includes extensive environment-based testing. Our process ensures you are buying the most durable MR16 LED lamps available in the outdoor lighting industry.

### Create Superior Grazing, Silhouetting and Ambient Lighting

Our halogen and incandescent-matched lamp color temperatures give you the same lighting effect as traditional retrofit bulbs while consuming up to 80% less energy.

With precise beam spreads for highlighting the texture of an accent piece, making a tree stand out against a dark night, or brightening your patio for outdoor entertaining, our MR16 lamps provide the right color temperature and illumination to turn any outdoor living space into an after-dark oasis.



### Enjoy Complete Creative Control

When planning your landscape design, cumbersome lighting systems should be the last thing on your mind. Low voltage lighting systems offer greater flexibility in lighting effects, which allow for more precise, unobtrusive positioning and overall illumination.

By installing simplified LED lighting systems that use less wire - and lamps that never lose their color due to age or voltage drop - you are free to build, or retrofit, a low voltage lighting system with the future of the landscape in mind.

As your landscape grows, you can add additional fixtures without tapping out the entire system.

Illumicare offers three different beam spreads in four distinct color temperatures, giving you the tools you need to take your designs to a whole new level.

Dramatically increase your pallet by varying light color and intensity, and experience greater artistic control and more intricate landscape lighting designs.



### Why Illumicare?

Established using an advanced product development and innovation model, Illumicare Group Limited is an LED research and development firm driven by the demand for better LED products for the landscape lighting industry. Illumicare's focus is setting manufacturing standards that produce the highest quality and longest lasting LED lamps available today.



Illumicare offers a 4-year warranty on all MR16 lamps.