



MICRO SPIKE DIAMOND 180°

The Micro Spike Diamond 180° is a miniature low-voltage dimmable outdoor uplight, with a 100mm spike for installing into soil. Illumination is directed in a 180° band inclined upward, ideal for illuminating shrubbery. The Cree 1 watt max LED can be easily replaced if required or substituted for a color LED. Also available in Spot or 360 aperture.

DETAILS.

FINISHES AVAILABLE IN:

COPPER
STAINLESS STEEL

SIZE: Ø0.5" X 6.3" H

1W, 70 LM/W, 90 CRI

COLOR TEMPS AVAILABLE:

2700K, 3000K, 4000K, 5000K

*RED, GREEN, BLUE, AMBER COLOR AVAILABLE.

BEAM ANGLE: 180°

DRIVER OPTIONS:

R - 60-360MA REMOTE CONSTANT CURRENT (SERIES)

I - INTEGRAL (12V AC, PARALLEL)

IP68 - RATED FOR WET LOCATIONS.

CABLE LENGTH: 39.4" (1M) INCLUDED

*OTHER ACCESSORIES AND MOUNTING OPTIONS AVAILABLE.

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MICRO SPIKE DIAMOND 180°



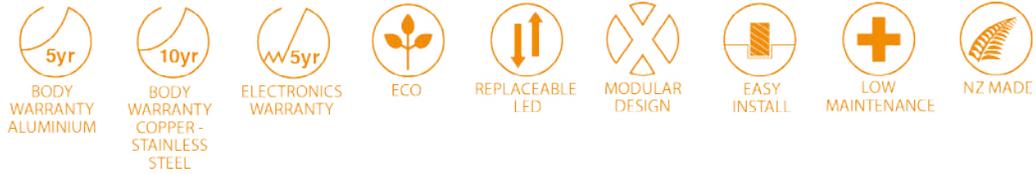


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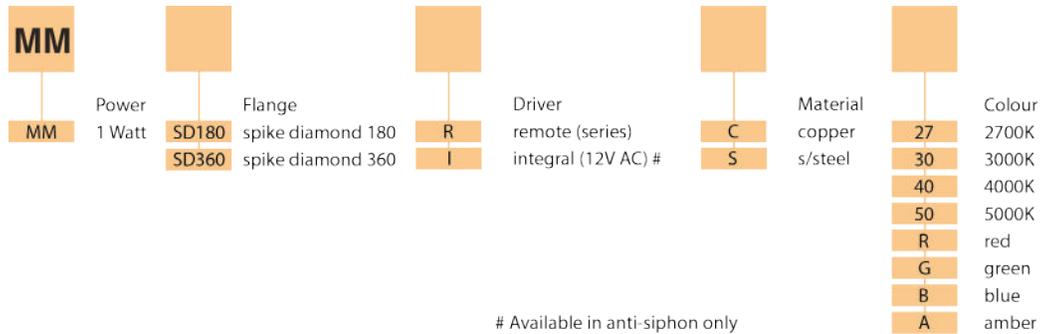
PLUGLIGHTING.COM
INFO@PLUGLIGHTING.COM

5665 MELROSE AVENUE
STE 108 LOS ANGELES 90038

P. 323 467 5635
F. 323 467 5634

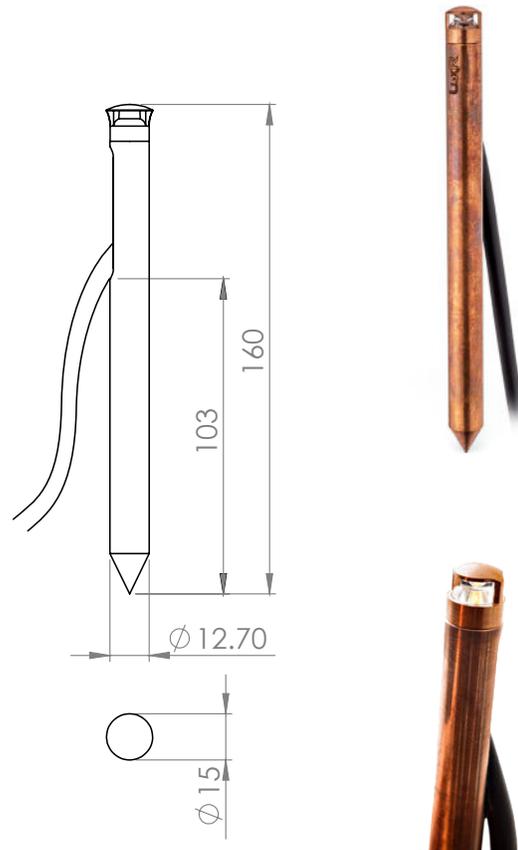


MICRO SPIKE CONFIGURATION

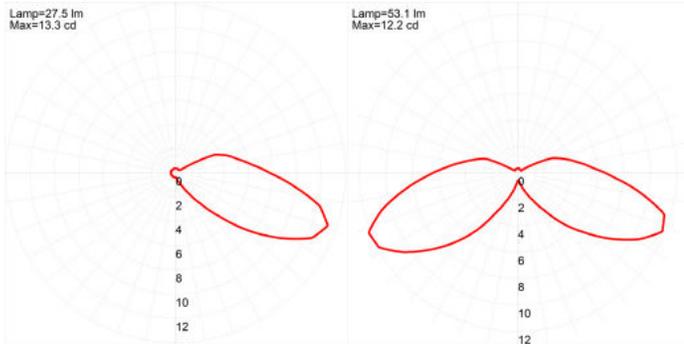


SPECIFICATIONS

Power	Up to 1 Watt, (60-360mA)
Ingress Protection Rating	IP68
Cable	H05RN-F 1m Included
Material	Natural Copper 316 Stainless Steel
Removable Light Engine	Pin Mounted 1W Cree XPG-3 Chip
Colour Temperature	Warm White - 2700K and 3000K Neutral White - 4000k Cool White - 5000k Red, Green, Blue, Amber
CRI	90+ CRI
Efficiency	70 lm/w - Delivered from Luminaire with unobstructed beam
Input	60-360mA Constant current (Remote) 12V AC (Integral)
Warranty	Electronics Warranty 5 Years
Body Warranty	10 years Copper and Stainless Steel



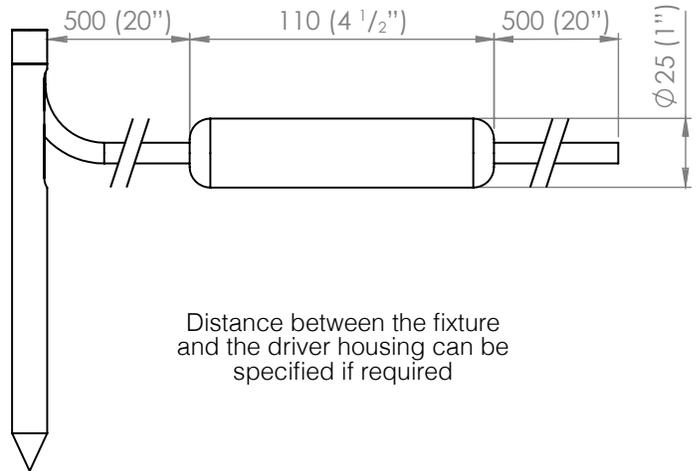
BEAM ANGLES



Diamond 180°

Diamond 360°

INTEGRAL (12VAC) DRIVER HOUSING



MICRO SPIKE

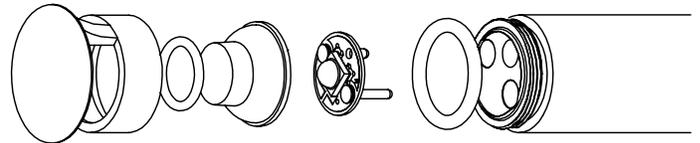
The Micro luminaire range is powered by a 1 watt LuxR light engine that offers a wide choice of LED colours. The luminaire was developed to meet the challenge of delivering high quality practical accent lighting with maximum energy efficiency and a long, maintenance-free life.

All LuxR luminaires offer a replaceable LED system using Cree LED chips for maximum performance and long life. Precise LED binning by Cree ensure the same colour temperature across all our luminaires which allows LuxR products to be situated close to one another without the fear of colour variance in the colours.

This luminaire is extremely tough, durable and waterproof, making it ideal for installation in public spaces, large-scale projects and residential areas.

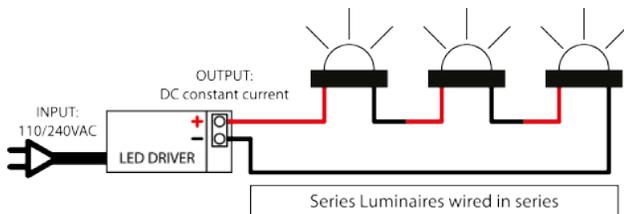
REPLACING COMPONENTS

Unscrew the flange paying close attention to the assembly order or refer to the diagram below. Locate the item that needs to be replaced, it is imperative you replace the component with factory LuxR parts to ensure correct operation of the luminaire. When reassembling make sure all the components are in their correct order to ensure water tightness and correct light output.



REMOTE DRIVER WIRED IN SERIES

Often referred to as series wiring the current in a series circuit follows one path from start-to-finish with the positive of the second LED connected to the negative of the first. Series wiring allows a single driver to be mounted remotely, powering a number of series fittings. Often the most simplest of wiring schemes as each fitting is connected to the next in a daisy chain. It removes the need for a smaller 12 volt driver in each fitting.



INTEGRAL DRIVER + TRANSFORMER

In a parallel circuit all the positive connections are tied together and back to the positive output of the LED driver and all the negative connections are tied together and back to the negative output of the driver. The integral driver option allows LuxR fittings to be wired in parallel to existing or new installations where a wire wound or magnetic transformer is being used.

