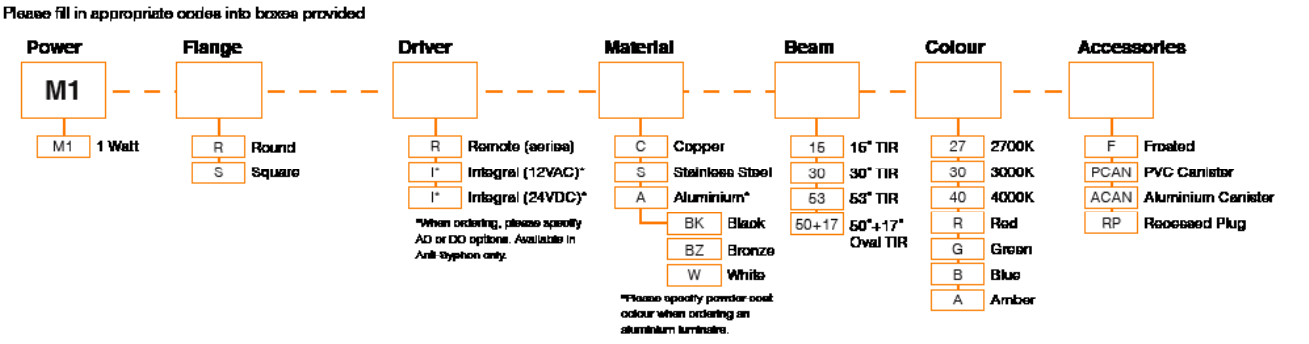
# LuxR M1

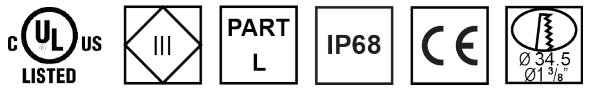


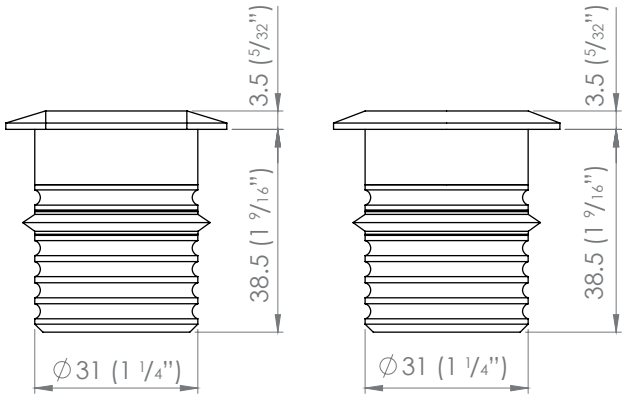
## M1 UPLIGHTERS CONFIGURATION

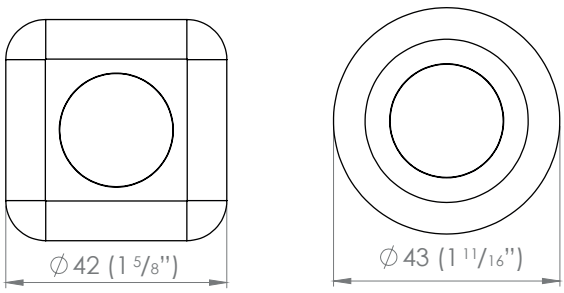



## SPECIFICATIONS

| | |
|---|---|
| **Power** | 1 Watt |
| **Ingress Protection Rating** | IP68 |
| **Cable** | H05RN-F 2x 0.75mm |
| **Material** | - Black/White/Bronze Powdercoated<br>- Natural Copper<br>- 316 Stainless Steel |
| **Removable Light Engine** | Pin Mounted<br>1W 3vf Cree XPG-3 Chip |
| **Colour Temperature** | Warm White - 2700K and 3000K<br>Neutral White - 4000k |
| **Optic Degrees** | 15°TIR, 30°TIR, 53°TIR, 50+17°TIR |
| **Lens Cover** | Clear and Frosted |
| **CRI** | 90+ CRI |
| **Efficacy** | 80lm/w - Delivered from Luminaire with unobstructed beam |
| **Input** | 350mA 3vdc Constant current (Remote)<br>12V AC (Integral)<br>24V DC (Integral) |
| **Warrenty** | Electronics Warranty 5 Years |
| **Body Warrenty** | 5 years Aluminium and 10 years Copper and Stainless Steel |
| **LED Shield** | LED Bypass Shunt<br>Reverse polarity protection |
| **Load Rating** | Stainless Steel 4000kg/8800lbs<br><br>COPPER AND ALUMINIUM ARE SOFT METALS AND ARE NOT SUITABLE FOR DRIVE OVER APPLICATIONS |
| **LED Life Expectancy** | 50,000 Hours |
| **B Nmber** | 94.05 |

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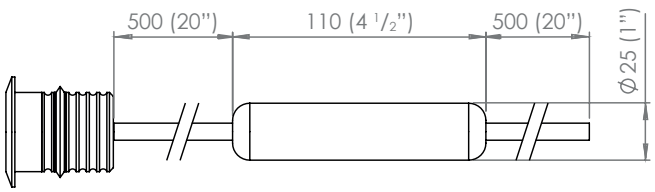
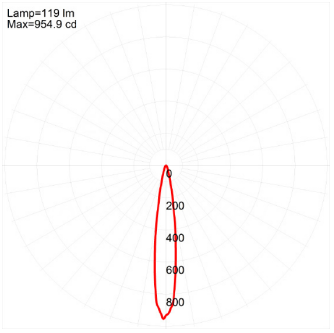
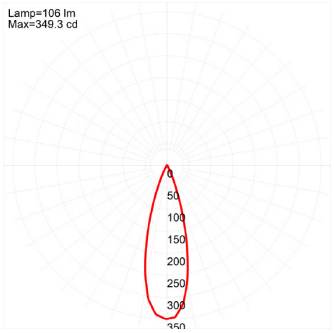
## INTEGRAL (12VAC-24VDC) DRIVER HOUSING



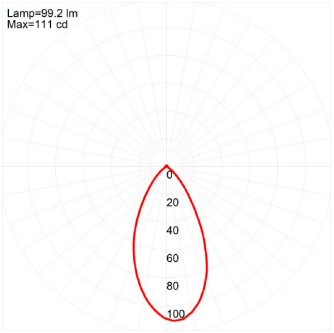

## BEAM ANGLES



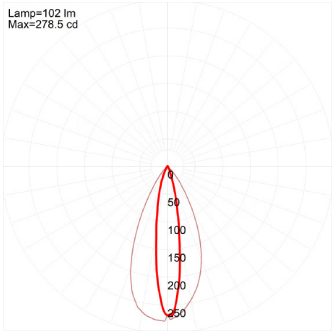

15°




30°




53°




50+17°

## M1 UPLIGHTERS

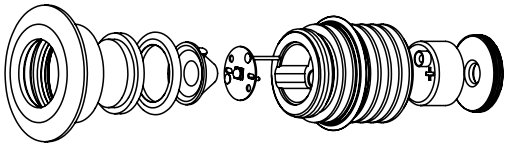
The M1 luminaire range is powered by a 1 watt LuxR light engine that offers a wide choice of LED colours. The luminaire was developed to meet the challenge of delivering high quality practical accent lighting with maximum energy efficiency and a long, maintenance-free life.

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

Firstly remove the luminaire from its recessed location. 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.



## ACCESSORIES

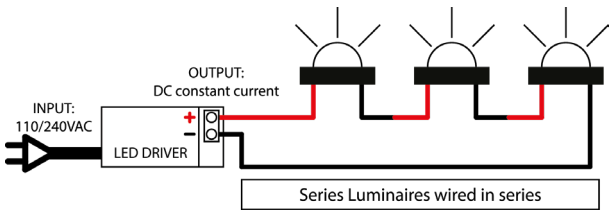
PVC recessed canister - Aluminium recessed canister (Please refer to the canister spec sheets)

## RECOMMENDATIONS

Using the PVC or aluminium mounting canister will make recessed installation of this product simple. Core a hole in an existing wall or cast the canister in. Once in place, simply push the fitting into the conduit hole. The luminaire will be retained by a silicon wiper seal.

## 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.