

## Product Specification MR16— high performance



### Description

The MR16 is a high performance replacement for the 12V DC/AC 35W or 50W halogen bulbs. The Uni-light MR16 is packaged into a carefully designed heat-sink moulding and from only a 5W consumption produces a class-leading 95 lumens/watt. It is available with 15, 25 or 45 degrees beam angle.

The same patented energy-efficient circuitry developed for our 'A' series GU10 lights FFR-T5 and T8 Tubes has been adapted for this low voltage application. The MR16 design incorporates a thermal management circuit that controls the temperature of the junction and automatically dims the LED should an over-temperature condition occur. This unique feature helps to extend the life of the LEDs and the life of the entire light. The MR16 is fully dimmable with colour temperatures of 2,700K to 3,000K and 6000K. Like all other Uni-light products the MR16 benefits from a 5 year warranty a 50000 hours life expectancy.



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|--------------------|--------------------------|
| Model Number       | ULMR16-12-4              |
| Rated Power        | 5.0W                     |
| Rated Voltage      | 12.6Vdc/12Vac            |
| Light Output lm/W  | 95-110                   |
| Beam Angle         | 15/25/45 deg             |
| Colour temperature | 2700k - 3000K, 6000K     |
| Dimmable           | 100%                     |
| LED working life   | 50,000hrs                |
| Colour             | Warm White or Cool White |
| Diameter           | 50mm                     |
| Length             | 50mm                     |
| Warranty           | 5 years                  |