



Life in Light

MEGAMAN®

## Product News • LED

# LED MR16

12V | Driven by  
Halogen Transformer



MM03803  
GU5.3 / 4W



MM03870  
GU5.3 / 5W

## Excellent luminous intensity provides best alternative to a halogen MR16

Designed for standard halogen MR16 applications, the MEGAMAN® LED MR16 reflector is compact and has a profile similar to the halogen MR16, which facilitates a direct retrofit solution.

The MEGAMAN® LED MR16 reflector delivers a supreme luminous intensity of up to 1300cd with 5W power consumption and 24° beam angle, which provides a perfect alternative to the halogen 35W. The LED MR16 reflector is available in Flood (24°) and Wide Flood (36°) beam angles that caters for various general lighting applications in shop displays, showrooms, receptions, corridors, restaurants and lounges.

## Product Features:

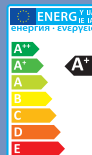
- Ideal alternative for the 20W and 35W halogen MR16 lamps
- Delivers superb luminous intensity of up to 1300cd with 5W power consumption and 24° beam angle
- Different beam angle options are available to cater for various general lighting applications
- High colour rendering of Ra80
- Works with most AC/DC 12V halogen transformer<sup>#</sup>
- Alternative to halogen transformer is LED constant voltage converter, applicable model form MEGAMAN® is LD0106-K12.
- Wide range of operating temperature -30°C to +40°C
- High product efficacy, A+ Energy Class

\* Please visit [www.megaman.cc/user-guide](http://www.megaman.cc/user-guide) for the list of recommended halogen transformers.

## Specifications\*

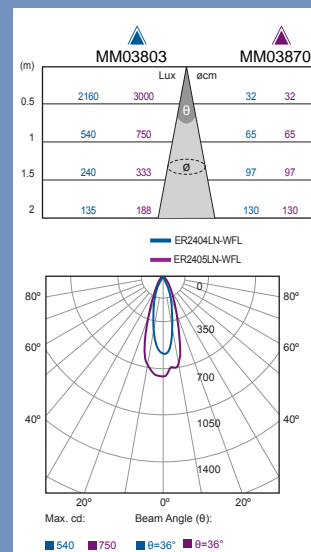
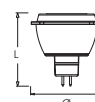
Description	LED MR16	
Model No.	MM03803	MM03870
Voltage (V)	AC/DC12V	
Wattage (W)	4	5
Lamp Base	GU5.3	
Rated Life (hrs)	15,000	
Max. Luminous Intensity (cd)	540	750
Luminous Flux (lm)	220	330
Beam Angle (°)	36	36
Colour Temp. (CRI)	2800K[Ra80]	
Diameter (mm)	50	
Length (mm)	51	
Weight (g)	52	
Operating Temp. (°C)	-30 to +40	
Transformer	Works with AC/DC 12V halogen transformer <sup>#</sup>	

\* Preliminary data



MM03803  
MM03870

Halogen MR16





**LED Converter:**  
LD0106-K12

## LED Converter

Apart from working with halogen transformers, the LED MR16 reflectors in AC/DC 12V can work with a constant voltage converter. A suggested constant voltage converter from MEGAMAN® for AC/DC 12V LED MR16 reflectors is LD0106-K12.



### Applications:

- Shop displays
- Showrooms
- Receptions
- Corridors
- Restaurants
- Lounges

## Specifications#

Model No.	LD0106-K12
Input Voltage (V)	AC 220-240V
Output Voltage (V)	DC12V
Wattage (W)	Maximum 6W
Output Current (mA)	500
Rated Life (hrs)	50,000
Operating Temp. (°C)	-10 to +40
Max. Case Temp. (°C)	85
Power Factor (λ)	0.4
Length (mm)	100
Width (mm)	45
Height (mm)	25
Weight (g)	63

# Preliminary data