

# Octaled MR16



## Product Highlights

- A+ Energy Efficiency Class.
- Reduces up to 85% energy consumption
- GU5.3 socket
- Long life time
- Available in, Warm & Neutral White Color Temperatures.
- Substitute for 35W conventional MR16 lamps
- Shock resistant, high quality durable materials

## Applications

- Spot lighting
- General lighting
- Domestic applications

## Main Technical Data

Model Name	Octaled MR16 Series
Operating Voltage	12 V DC
Energy Class	A+
Overall consumption	5W
Rated current	0.417A
Socket	GU5.3
Ambient working temperature	- 30°C to +40°C (Relative Humidity < 70%)
Color temperature CCT	Warm White 2700K - Neutral White 4000K
Nominal life time	25 000h
Rated life time	25 000h
Dimmable	No
Color Rendering Index	Ra > 80
Power Factor	> 0.5
LLMF at the end of nominal life time	N/a
Switching cycles	>100 000
Starting time	<1.0 s
Standard Compliance	EN 62560, EN 55015, EN 61000-3-2, EN 61000-3-3, EN 61547, etc. Check Declaration of Conformity
Nominal beam angle	36°
Warranty	36 months according to standard Octa Light warranty conditions

# Product Selection Guide

## 1 – Available Sizes, Wattage & Color Temps

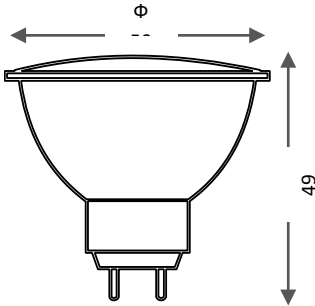
Product Name	Nominal Power /W/	Rated Power /W/	Nominal Luminous Flux /lm/	Rated Luminous Flux /lm/	Color Temperature /K/	Energy Cons. in kW/1000 h	EEL Class	Claimed equivalence conventional lamp, W
OCTALED MR16 36D 5W/2700	5	5	300	300	2700	5	A+	35
OCTALED MR16 36D 5W/4000	5	5	350	350	4000	5	A+	35

\*Octa Light Maintains an accuracy on all measurements within ±5%

\*\* On basis of special requirements, initial lumens can be risen preserving same working consumption by choosing higher output OCTA LIGHT LED series

## 2 – Mechanical Characteristics

## 3 – Logistic data



Product Name	EAN Code
OCTALED MR16 36D 5W/2700	3 800 228 520 482
OCTALED MR16 36D 5W/4000	3 800 228 520 499

	Product			Single Packaging	
	L /mm/	D /mm/	Weight /Kg/	(L x W x H)	Weight /Kg/
<b>OCTALED MR16 36D 5W/2700</b>	49	50	0.030	52 x 52 x 68	0.050
OCTALED MR16 36D 5W/4000	49	50	0.030	52 x 52 x 68	0.050

### Disclaimer

Octa Light Bulgaria reserves the right to make changes in specifications without notice. Always make sure to use most recent release.

### Company information

Octa Light Bulgaria is a fully vertically integrated manufacturer of LED packages, modules, lamps and luminaires. The company was established in 2010 as the first Light Emitting Diodes (LED) manufacturer entirely based in the EU. The company LED portfolio includes powerful high-brightness light emitting diodes, last generation of low-power & mid-power LEDs, wide range of COBs and innovative AC LED modules, as well as special applications LEDs. We constantly are growing our LEDs range to bring highest performance and quality of light sources. Our business scope includes OEM and ODM supply of LED packages, LED engines, luminaires and lamps.

Octa Light Bulgaria offers also complete lighting solutions accomplishing a variety of lighting projects with own range of luminaires. Further to its core lighting business the company offers Contract Electronics Manufacturing (CEM) for key industries.

