LED 6W HP MR16

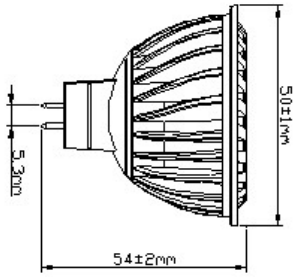
Yigeda Lighting Ltd.

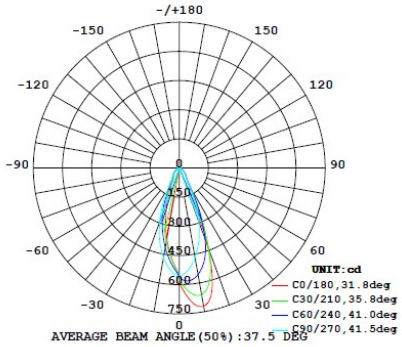
Product Description

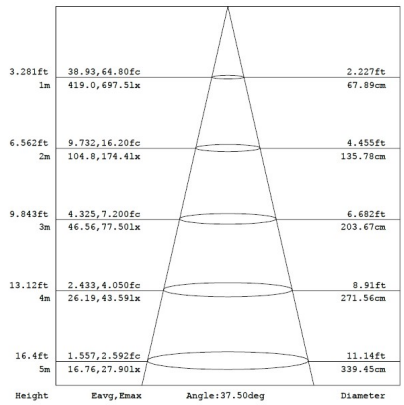
- 360lm light output
- Replacing 50W halogen lamps
- Consumes 6W only and saves at least 80% energy
- 25,000hrs long lifetime, last 20 times longer than halogen lamp
- Extremely even light distribution
- Limited 5 years warranty (find details on our website)
- cUL, CE listed, FCC, RoHS compliant
- Ideal for spot lights, track lights, down lights, display applications

Optical Parameter (shows 3000k 40° MR16 as default)

Product Dimension







Product Details

Ordering Code	Input Voltage(VAC)	Lamp Shape	Base Type	Wattage (W)	CCT	Beam Angle	Initial Lumens(lm)	Rated Life(hrs.)	CRI	Power Factor	Equivalency	Certificate
M16H6N402	12	MR16	GU5.3	6W	2700	40	360	25,000	>80	0.85	50W	UL,CE,RoHS

Energy Efficiency

	Estimated Lighting Costs Using a Standard 50W Halogen MR16	Estimated Lighting Costs Using a Yigeda LED 6W MR16
Present Wattage	50W	6W
x Annual Operating Hours	3650 hrs	3650 hrs
	= 182,500 Watts per year	= 21,900 Watts per year
÷ 1,000	= 182.5 kWh per year	= 21.9 kWh per year
× kWh rate ($0.10)	= $18.25 per year	= $2.19 per year
× 100 lamps per space	= $1,825 annual energy cost per space	= $219 annual energy cost per space
Total Estimated Annual Energy Cost Saving Per Year	**= $1,606**	

This energy saving example shows an application of 100 lamps in a space currently using a 50W halogen MR16 and Yigeda LED 6W MR16, operating 3,650 hours per year (10 hours per day) at a cost of $0.10 per kWh.

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