Yigeda Lighting Ltd.

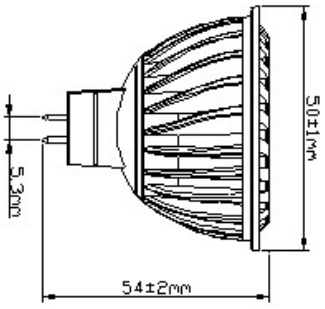
LED 6W COB MR16

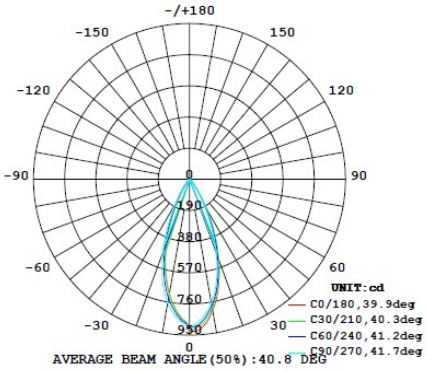
Product Description

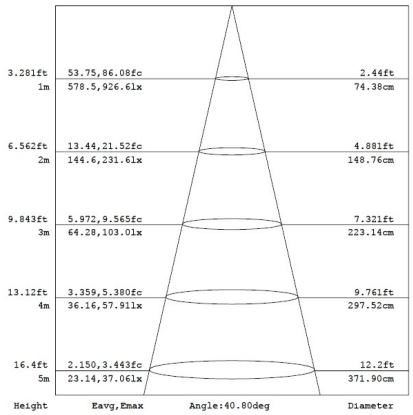
- 450lm light output
- Replacing 60W halogen lamps
- Consumes 6W only and saves at least 80% energy
- 25,000hrs long lifetime, last 20 times longer than halogen lamp
- Extremely even light distribution
- Limited 5 years warranty (find details on our website)
- cUL, CE listed, FCC, RoHS compliant
- Excellent dimmable to 10%
- 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
M16B6D402	12	MR16	GU5.3	6W	2700	40	450	25,000	>80	0.85	60W	UL,CE,RoHS
M16B6D403	12	MR16	GU5.3	6W	3000	40	460	25,000	>80	0.85	60W	UL,CE,RoHS
M16B6D404	12	MR16	GU5.3	6W	4000	40	470	25,000	>80	0.85	60W	UL,CE,RoHS

Energy Efficiency

	Estimated Lighting Costs Using a Standard 60W Halogen MR16	Estimated Lighting Costs Using a Yigeda LED 6W MR16
Present Wattage	60W	6W
x Annual Operating Hours	3650 hrs	3650 hrs
	= 219,000 Watts per year	= 21,900 Watts per year
÷ 1,000	= 219 kWh per year	= 21.9 kWh per year
× kWh rate ($0.10)	= $21.9 per year	= $2.19 per year
× 100 lamps per space	= $2,190 annual energy cost per space	= $219 annual energy cost per space
Total Estimated Annual Energy Cost Saving Per Year	**= $1,971**	

This energy saving example shows an application of 100 lamps in a space currently using a 60W 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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