

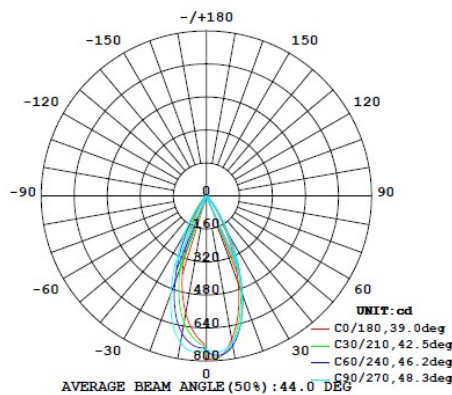
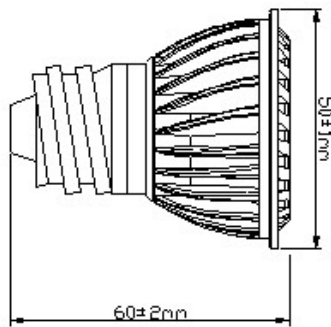
Product Description

- 420lm light output
- Replacing 55W 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° PAR16 as default)

Product Dimension



Height	Eavg, Emax	Angle: 44.00deg	Diameter
3.281ft 1m	47.70, 73.56fc 513.5, 791.7lx	2.651ft 80.91cm	
6.562ft 2m	11.93, 18.39fc 128.4, 197.9lx	5.302ft 161.61cm	
9.843ft 3m	5.300, 8.173fc 57.05, 87.97lx	7.953ft 242.42cm	
13.12ft 4m	2.981, 4.597fc 32.09, 49.48lx	10.6ft 323.22cm	
16.4ft 5m	1.908, 2.942fc 20.54, 31.67lx	13.26ft 404.03cm	

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
P16B6D402	120-230	Par16	E26	6W	2700	40	420	25,000	>80	0.9	55W	UL,CE,RoHS
P16B6D403	120-230	Par16	E26	6W	3000	40	430	25,000	>80	0.9	55W	UL,CE,RoHS
P16B6D404	120-230	Par16	E26	6W	4000	40	435	25,000	>80	0.9	55W	UL,CE,RoHS

Energy Efficiency

	Estimated Lighting Costs Using a Standard 55W Halogen PAR16	Estimated Lighting Costs Using a Yigeda LED 6W COB PAR16
Present Wattage	55W	6W
x Annual Operating Hours	3650 hrs	3650 hrs
	= 200,750 Watts per year	= 21,900 Watts per year
÷ 1,000	= 200.75 kWh per year	= 21.9 kWh per year
× kWh rate (\$0.10)	= \$20.08 per year	= \$2.19 per year
× 100 lamps per space	= \$2,008 annual energy cost per space	= \$219 annual energy cost per space
Total Estimated Annual Energy Cost Saving Per Year	= \$1,789	

This energy saving example shows an application of 100 lamps in a space currently using a 55W halogen PAR16 and 6W COB Yigeda LED PAR16, operating 3,650 hours per year (10 hours per day) at a cost of \$0.10 per kWh.

Yigeda Lighting Ltd.