

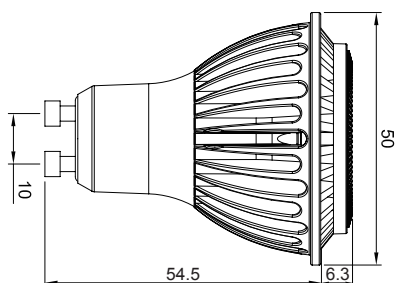
Product Description

- 400lm light output
- Replacing 50W halogen lamps
- Consumes 7W 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

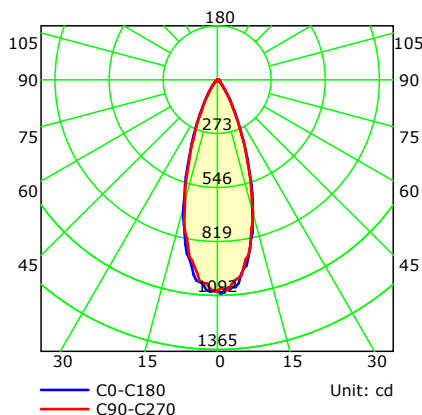


Optical Parameter (shows 3000k 40° GU10 as default)

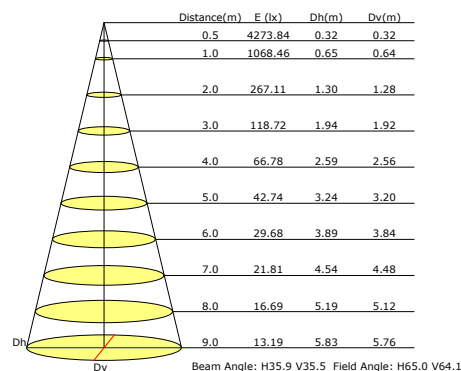
Product Dimension



Luminous Intensity Distribution Curve



Illuminance at a Distance



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
G10B7D402	120-230	GU10	GU10	7W	2700	40	400	25,000	80	0.95	50W	UL,CE,RoHS
G10B7D403	120-230	GU10	GU10	7W	3000	40	430	25,000	80	0.95	50W	UL,CE,RoHS

Energy Efficiency

	Estimated Lighting Costs Using a Standard 50W Halogen GU10	Estimated Lighting Costs Using a Yigeda LED 7W COB GU10
Present Wattage	50W	7W
x Annual Operating Hours	3650 hrs	3650 hrs
	= 182,500 Watts per year	= 25,550 Watts per year
÷ 1,000	= 182.5 kWh per year	= 25.55 kWh per year
x kWh rate (\$0.10)	= \$18.25 per year	= \$2.6 per year
x 100 lamps per space	= \$1,825 annual energy cost per space	= \$255.5 annual energy cost per space
Total Estimated Annual Energy Cost Saving Per Year	= \$1,570	

This energy saving example shows an application of 100 lamps in a space currently using a 50W halogen GU10 and Yigeda LED 7W COB GU10, operating 3,650 hours per year (10 hours per day) at a cost of \$0.10 per kWh.