

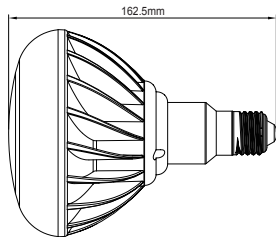
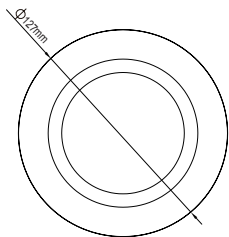
Product Description

- 1000lm light output
- Replacing 100W halogen lamps
- Consumes 15W 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 accent and general lighting (e.g. Lobby, Shops and Reception areas)

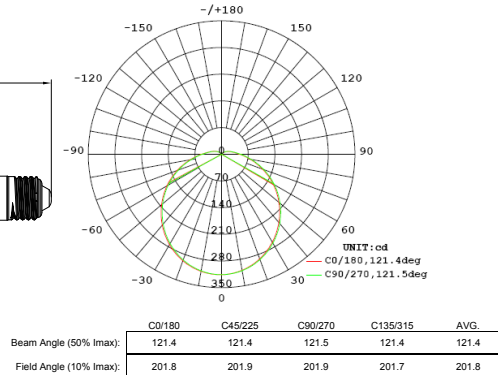


Optical Parameter (shows 5000k 120° BR40 as default)

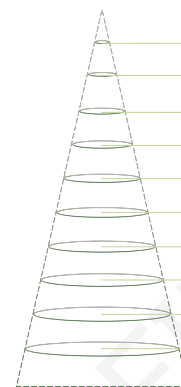
Product Dimension



Luminous Intensity Distribution



Angle: 121.4°, Flux out: 753.2 lm.



Height (m)	Diameter (cm)	E _{avg} (lx)	E _{max} (lx)
0.5	178.2	204.7	1264.0
1.0	356.4	73.7	316.0
1.5	534.6	32.7	140.5
2.0	712.8	18.4	79.0
2.5	891.0	11.8	50.6
3.0	1069.2	8.2	35.1
3.5	1247.4	6.0	25.8
4.0	1425.6	4.6	19.8
4.5	1603.8	3.6	15.6
5.0	1782.0	2.9	12.6

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
B4P15D1202	120	BR40	E26	15W	2700	120	1000	25,000	80	0.95	100W	UL,CE,RoHS
B4P15D1203	120	BR40	E26	15W	3000	120	1100	25,000	80	0.95	100W	UL,CE,RoHS
B4P15D1204	120	BR40	E26	15W	4000	120	1150	25,000	80	0.95	100W	UL,CE,RoHS
B4P15D1205	120	BR40	E26	15W	5000	120	1200	25,000	80	0.95	100W	UL,CE,RoHS

Energy Efficiency

	Estimated Lighting Costs Using a Standard 100W Halogen BR40	Estimated Lighting Costs Using a Yigeda LED 15W LED BR40
Present Wattage	100W	15W
x Annual Operating Hours	3650 hrs	3650 hrs
	= 365,000 Watts per year	= 54,750 Watts per year
÷ 1,000	= 365 kWh per year	= 54.75 Wh per year
× kWh rate (\$0.10)	= \$37 per year	= \$5 per year
× 100 lamps per space	= \$3,650 annual energy cost per space	= \$548 annual energy cost per space
Total Estimated Annual Energy Cost Saving Per Year		= \$3,103

This energy saving example shows an application of 100 lamps in a space currently using a 100W halogen BR40 and Yigeda LED 15W BR40, operating 3,650 hours per year (10 hours per day) at a cost of \$0.10 per kWh.