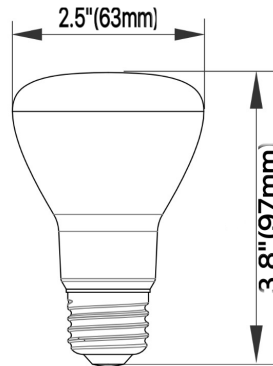


## Product Description

- Replacing 50W traditional incandescent light bulbs
- At least 80% energy saving with a AC100-120V voltage input
- 25,000 hours long lifetime, lasts 20 times longer than incandescent bulbs
- Limited 3 years warranty (please see our website for more details)
- UL/cUL, ES listed
- Ideal use for recessed downlights, track lights, display lights, outdoor fixtures that protect lamps and elements



## Optical Parameter



Product Dimension  
Unit: inch/mm

## Product Details

Ordering Code	Input Voltage(VAC)	Shell Material	Wattage (W)	CCT (K)	Beam Angle	Lumens (lm)	Rated Life(hrs.)	CRI	Power Factor	Equivalency	Certificate
	100-120V	Aluminum & PC	8W	2700-4000	120°	600	25,000	83	0.9	50W	UL/cUL, ES

## Energy Efficiency

	Estimated Lighting Costs Using a Traditional Incandescent Bulb	Estimated Lighting Costs Using a Yigeda 8W BR20 Bulb
Present Wattage	50W	8W
x Annual Operating Hours	3650 hrs	3650 hrs
	= 182,500 Watts per year	= 29,200Watts per year
÷ 1,000	= 182.5 kWh per year	= 29.2 kWh per year
× kWh rate (\$0.10)	= \$18.25 per year	= \$2.92 per year
× 100 lamps per space	= \$1,825 annual energy cost per space	= \$292 annual energy cost per space

This energy saving example shows an application of 100 bulbs in a space currently using a 50W incandescent bulb and Yigeda LED 8W BR20 bulb, operating 3,650 hours per year (10hrs/day) at accost of \$0.10 per kWh.