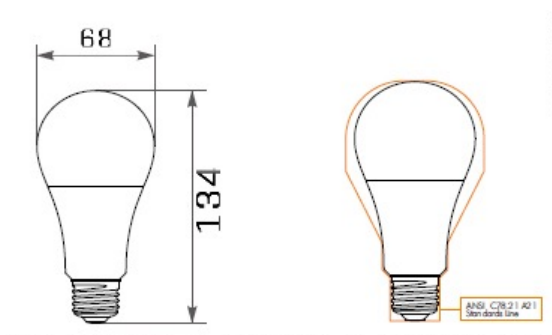


## Product Description

- 12.5W equivalent to 75W incandescent bulb.
- 85% energy saving with AC 100-120V input voltage.
- Beam angle 300°, dimmable.
- 25,000hrs long lifetime, last 20 times longer than traditional incandescent bulb.
- Limited 3 years warranty (please see our website for more details)
- cUL, RoHS compliant.
- Ideal use for indoor lighting, office, specialty shop, museums, meeting room, supermarket, library etc.



## Optical Parameter



Product Dimension  
Unit: 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
A21G12D300Y	100-120V	Aluminum & PC	12.5W	2700-3000	300°	1100	25,000	80	0.9	75W	cUL RoHS

## Energy Efficiency

	Estimated Lighting Costs Using a Traditional Incandescent Bulb	Estimated Lighting Costs Using a Yigeda 12.5W A21 Bulb
Present Wattage	75W	12.5W
x Annual Operating Hours	3650 hrs	3650 hrs
	= 273,750 Watts per year	= 45,625 Watts per year
÷ 1,000	= 274 kWh per year	= 46 kWh per year
× kWh rate (\$0.10)	= \$27.4 per year	= \$4.6 per year
× 100 lamps per space	= \$2,740 annual energy cost per space	= \$460 annual energy cost per space
<b>Total Estimated Annual Energy Cost Saving Per Year</b>	<b>= \$2,280</b>	

This energy saving example shows an application of 100 bulbs in a space currently using a 75W incandescent bulb and Yigeda Omni LED A21 bulb, operating 3,650 hours per year (10hrs/day) at accost of \$0.10 per kWh.