

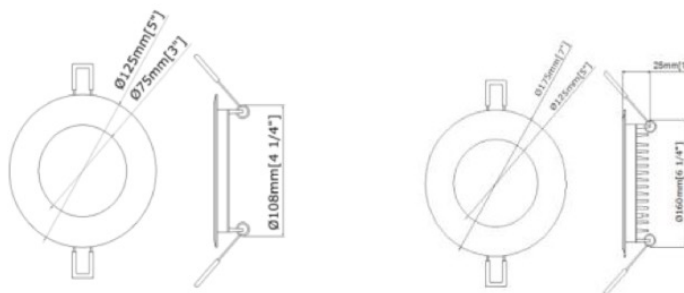
Product Description

- Dimmable LED light with a AC120V voltage input
- Available in three trim colors: white, brushed nickel and black
- Pot light housing is not required even for insulated ceilings
- Air-tight and damp location approved
- cUL listed, cETL approved and Energy Star certified
- 50,000 hours long lifetime with a 3 year limited warranty (please see website for more details)
- Ideal use for home, office, supermarket, or some damp locations.



Optical Parameter

Product Dimension
Unit: mm / inch



Product Details

Ordering Code	Input Voltage(VAC)	Shell Material	Wattage (W)	CCT	Beam Angle	Lumens (lm)	Rated Life(hrs.)	CRI	Power Factor	Equivalency	Certificate
D6S16D120 X	120V	Aluminum& PC	16W	3000/5000	120	550	50,000	75	>0.9	70W	cUL,ETL, RoHS

Energy Efficiency

	Estimated Lighting Costs Using a Standard 120W Halogen Lamp	Estimated Lighting Costs Using a Yigeda 16W Slim Recessed Light Fixture
Present Wattage	120W	16W
x Annual Operating Hours	3650 hrs	3650 hrs
	= 438,000 Watts per year	= 58,400 Watts per year
÷ 1,000	= 438 kWh per year	= 58.4 kWh per year
× kWh rate (\$0.10)	= \$43.8 per year	= \$5.84 per year
× 100 lamps per space	= \$4,380 annual energy cost per space	= \$584 annual energy cost per space
Total Estimated Annual Energy Cost Saving Per Year	= \$3,796	

This energy saving example shows an application of 100 lamps in a space currently using a 120W Halogen Lamp and Yigeda LED 16W Slim Recessed Light, operating 3,650 hours per year (10 hours per day) at a cost of \$0.10 per kWh.