YIGEDA

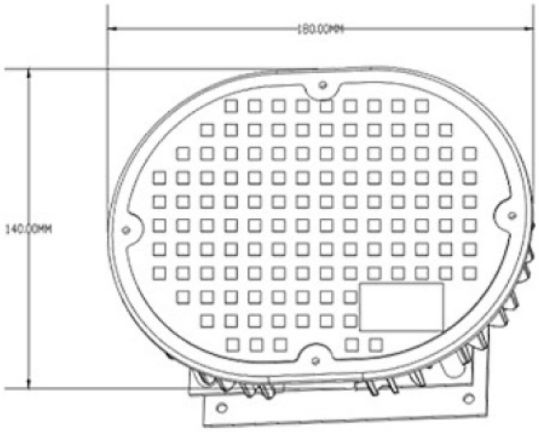
Yigeda Lighting Ltd.

LED 150W Retrofit Kits

Product Description

- AC 100-277V voltage input
- Replaces 500W traditional fluorescent light with 150W power input
- Saves at least 80% of energy
- Architectural UV resistant powder coat finish
- Operating temperature ranges from -30°C to +50°C
- UL/cUL listed, DLC and RoHS complaint
- 50,000hour life span, lasts 5 times longer than regular light
- Limited 3 year warranty (Please see website for more details)
- Ideal use for commercial buildings, warehouses, street lightings, etc.

Optical Parameter



Product Dimension
Unit: mm

Product Details

Ordering Code	Input Voltage(VAC)	Wattage (W)	CCT	Beam Angle	Lumens (lm)	Rated Life(hrs.)	CRI	Power Factor	Equivalency	Certificate
RK150W120D5	100-277V	150W	5000	120	120 lm/W	50,000	>70	0.99	500W	cUL,DLC, RoHS

Energy Efficiency

	Estimated Lighting Costs Using a Standard 500W Halogen Lamp	Estimated Lighting Costs Using a Yigeda 150W LED Retrofit Kit
Present Wattage	500W	150W
x Annual Operating Hours	3650 hrs	3650 hrs
	= 1,825,000Watts per year	= 547,500 Watts per year
÷ 1,000	= 1825 kWh per year	= 547.5 kWh per year
× kWh rate ($0.10)	= $182.5 per year	= $54.75 per year
× 100 lamps per space	= $18,250 annual energy cost per space	= $5,475 annual energy cost per space
Total Estimated Annual Energy Cost Saving Per Year	**= $12,775**	

This energy saving example shows an application of 100 lamps in a space currently using a 500W Halogen Lamp and Yigeda LED 150W Retrofit Kit, operating 3,650 hours per year (10 hours per day) at a cost of $0.10 per kWh.

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