YIGEDA

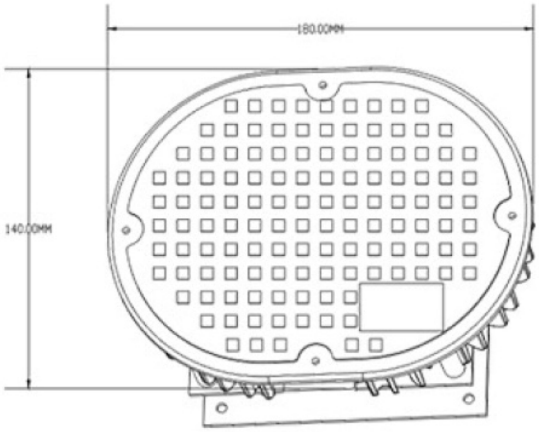
Yigeda Lighting Ltd.

# LED 100W Retrofit Kits

## Product Description

- AC 100-277V voltage input
- Replaces 250W traditional fluorescent light with 100W 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| RK100W120D5 | 100-277V | 100W | 5000 | 120 | 120 lm/W | 50,000 | >70 | 0.99 | 250W | cUL,DLC, RoHS |

## Energy Efficiency

| | Estimated Lighting Costs Using a Standard 250W Halogen Lamp | Estimated Lighting Costs Using a Yigeda 100W LED Retrofit Kit |
|---|---|---|
| Present Wattage | 250W | 100W |
| x Annual Operating Hours | 3650 hrs | 3650 hrs |
| | = 912,500 Watts per year | = 365,000 Watts per year |
| ÷ 1,000 | = 912.5 kWh per year | = 365 kWh per year |
| × kWh rate ($0.10) | = $91.25 per year | = $36.5 per year |
| × 100 lamps per space | = $9,125 annual energy cost per space | = $3,650 annual energy cost per space |
| **Total Estimated Annual Energy Cost Saving Per Year** | **= $5,475** | |

This energy saving example shows an application of 100 lamps in a space currently using a 250W Halogen Lamp and Yigeda LED 100W Retrofit Kit, operating 3,650 hours per year (10 hours per day) at a cost of $0.10 per kWh.



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