

## Product Description

- Universal Input Voltage: 100VAC-277VAC
- Saves at least 70% energy than traditional panel
- 100,000hrs long lifetime, lasts 30 times longer than fluorescent tubes
- Extremely even light distribution with no UV or IR radian
- Limited 5 years warranty (please see our website for more details)
- Quick and easy installation procedure
- UL/cUL, FCC certified
- Ideal use for homes, offices, restaurants, hotels, parking lots, back lighting for square billboards, etc.



## Product Details

Ordering Code	Length (ft)	Wattage (W)	Dimmable	Equivalent	CRI	Rated Life(hrs.)	Lumens(lm)		Power Factor	Certificate
							4000K	5000K		
P2450RDJ4	2*4ft	50W	Yes	100-120W	80	100,000	5500lm	5500lm	>0.99	UL, cUL, FCC
P2450RDJ5		50W	Yes			100,000			>0.99	UL, cUL, FCC

## Energy Efficiency

2ft*4ft 50W LED Retrofit Panel	Estimated Lighting Costs Using a Standard 100-120W 2ft*4ft Fluorescent Panel	Estimated Lighting Costs Using a Yigeda LED 50W 2ft*4ft Retrofit Panel
Present Wattage	110W	50W
x Annual Operating Hours	3650 hrs	3650 hrs
	= 401,500 Watts per year	= 182,500 Watts per year
÷ 1,000	= 401.5 kWh per year	= 182.5 kWh per year
× kWh rate (\$0.10)	= \$40.15 per year	= \$18.25 per year
× 100 lamps per space	= \$4,015 annual energy cost per space	= \$1,825 annual energy cost per space
<b>Total Estimated Annual Energy Cost Saving Per Year</b>	<b>= \$2,190</b>	

This energy saving example shows an application of 100 panels in a space currently using a 110W 2ft\*4ft Fluorescent panel and Yigeda LED 50W 2ft\*4ft Retrofit Panel, operating 3,650 hours per year (10 hours per day) at a cost of \$0.10 per kWh.