YIGEDA Yigeda Lighting Ltd.

LED 2*2 Retrofit Panel

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		
P2236RDJ4	2*2ft	36W	Yes	90-100W	80	100,000	3960lm	3960lm	>0.99	UL, cUL, FCC
P2236RDJ5		36W	Yes			100,000			>0.99	UL, cUL, FCC

Energy Efficiency

2ft*2ft 36W LED Retrofit Panel	Estimated Lighting Costs Using a Standard 90-100W 2ft*2ft Fluorescent Panel	Estimated Lighting Costs Using a Yigeda LED 36W 2ft*2ft Retrofit Panel
Present Wattage	95W	36W
x Annual Operating Hours	3650 hrs	3650 hrs
	= 346,750 Watts per year	= 131,400 Watts per year
÷ 1,000	= 346.75 kWh per year	= 131.4 kWh per year
× kWh rate ($0.10)	= $34.68 per year	= $13.14 per year
× 100 lamps per space	= $3,468 annual energy cost per space	= $1,314 annual energy cost per space
Total Estimated Annual Energy Cost Saving Per Year	**= $2,154**	

This energy saving example shows an application of 100 panels in a space currently using a 95W 2ft*2ft Fluorescent panel and Yigeda LED 36W 2ft*2ft Retrofit Panel, operating 3,650 hours per year (10 hours per day) at a cost of $0.10 per kWh.

www.yigeda-lighting.com

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