

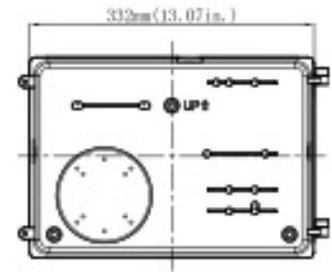
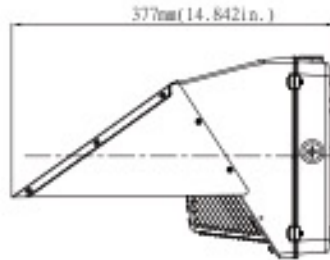
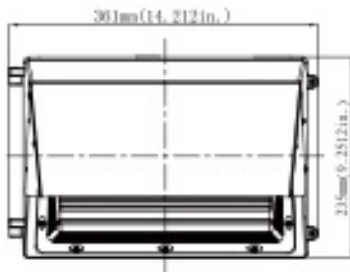
Product Description

- Replacing 100W Halogen lamps
- Saves at least 80% energy with AC 100-277V input voltage.
- Build-in UL class 2 driver, optical for photocell
- Polycarbonate optical lens with UV stabilizers
- 50,000 hours long lifetime, lasts 20 times longer than halogen lamp
- Limited 3 years warranty (please see our website for more detail)
- UL/cUL, DLC listed
- Ideal use for security, pathway and perimeter lighting, building entryways and walkways, etc.



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
WP45W27V 50KD	100-277V	Aluminum& PC	45W	5000	120°	4400	50,000	80	0.9	100W	UL/cUL, DLC

Energy Efficiency

	Estimated Lighting Costs Using a Standard 100W Halogen Lamp	Estimated Lighting Costs Using a Yigeda LED 45W Wall Pack
Present Wattage	100W	45W
x Annual Operating Hours	3650 hrs	3650 hrs
	= 365,000 Watts per year	= 164,250 Watts per year
÷ 1,000	= 365 kWh per year	= 164.25 kWh per year
× kWh rate (\$0.10)	= \$36.5 per year	= \$16.43 per year
× 100 lamps per space	= \$3,650 annual energy cost per space	= \$1,643 annual energy cost per space
Total Estimated Annual Energy Cost Saving Per Year	= \$2,007	

This energy saving example shows an application of 100 lamps in a space currently using a 100W Halogen Lamp and Yigeda LED 45W Wall Pack, operating 3,650 hours per year (10 hours per day) at a cost of \$0.10 per kWh.