

Product Description

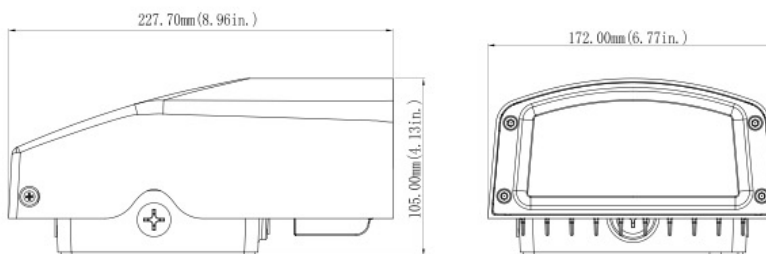
- Sealed die-casting profile for outdoor applications
- Available with Type II and Type III photometry
- Head tilts max 20° for different lighting purpose
- Replacing 100W High-intensity discharge lamps
- Built-in UL class 2 driver, optional for photocell
- UL listed and DLC qualified
- Limited 3 years warranty (please see our website for more details)
- Ideal use for security, pathway and perimeter lighting, building entryways and walkways



Optical Parameter

Product Dimension

Unit: mm/inch



Product Details

Ordering Code	Input Voltage(VAC)	Lens Material	Wattage (W)	CCT	Beam Angle	Lumens (lm)	Rated Life(hrs.)	CRI	Power Factor	Equivalency	Certificate
WPCI40W1 20V50KDB	120-277V	Glass	40W	5000	110	4500	50,000	75	0.9	100W	UL/cUL, DLC

Energy Efficiency

	Estimated Lighting Costs Using a Standard 100W HID Lamp	Estimated Lighting Costs Using a Yigeda 40W Cutoff Wall Pack
Present Wattage	100W	40W
x Annual Operating Hours	3650 hrs	3650 hrs
	= 365,000 Watts per year	= 146,000 Watts per year
÷ 1,000	= 365 kWh per year	= 146 kWh per year
× kWh rate (\$0.10)	= \$36.5 per year	= \$14.6 per year
× 100 lamps per space	= \$3,650 annual energy cost per space	= \$1,460 annual energy cost per space
Total Estimated Annual Energy Cost Saving Per Year	= \$2,190	

This energy saving example shows an application of 100 lamps in a space currently using a 100W HID Lamp and Yigeda LED 40W Cutoff Wall Pack, operating 3,650 hours per year (10 hours per day) at a cost of \$0.10 per kWh.