



BASIC COMPARISON CHART

06/02/15

If you are presently using (see below)	Fluorescent Recommendation Model Number	System Watts	% Savings Energy	LED Recommendation Model Number	System Watts	% Savings Energy
60 - 200 watt incandescent (wall mount)	W18PL	(21 watts)	90%	WLED18WP	20 Watts	90%
150 watt incandescent	W1PL13	(15 watts)	91%	WLED10	(10 watts)	90%
300 watt quartz/incandescent	W1PL18	(21 watts)	94%	WLED20	(20 watts)	94%
250 watt mercury vapor	W1C15C#	(18 watts)	93%	WLED20	(20 watts)	93%
2/150 PAR floods	W2C15C	(40 watts)	90%	WLED26	(30 watts)	90%
500 watt quartz	W1PL36	(40 watts)	92%	WLED26	(30 watts)	94%
100 watt metal halide	W1PL18	(20 watts)	85%	WLED20	(20 watts)	85%
80 watt fluorescent (12 L 4' Strip)	**W1PL40	(45 watts)	50%	**WLED48	(55 watts)	49%
100 watt high pressure sodium	**W1PL40	(45 watts)	60%	**WLED48	(55 watts)	59%
150 watt metal halide	**W1PL40	(45 watts)	73%	**WLED48	(55 watts)	68%
250 watt mercury vapor	**W1PL50	(53 watts)	84%	**WLED48	(55 watts)	80%
750 watt quartz/incandescent	**W1PL50	(53 watts)	94%	**WLED48	(55 watts)	92%
150 watt strip fluorescent (12 L 8' strip)	W2C32EB	(75 watts)	50%	WLED48	(55 watts)	65%
150 watt strip fluorescent (12 L8' strip)	W2C3296EB	(75 watts)	50%	WLED48	(55 watts)	65%
150 watt high pressure sodium	W2C32EB	(75 watts)	52%	WLED48	(55 watts)	65%
150 watt high pressure sodium	W2PL40	(84 watts)	47%	WLED48	(55 watts)	65%
250 watt metal halide	**W2PL50	(106 watts)	58%	**WLED96	(110 watts)	60%
400 watt mercury vapor	**W2PL50	(106 watts)	74%	**WLED96	(110 watts)	75%
250 watt fluorescent (12 L 8' HO)	W4C3296EB	(140 watts)	49%	WLED96	(110 watts)	56%
250 watt metal halide	W4C3296EB	(140 watts)	49%	WLED96	(110 watts)	60%
250 watt high pressure sodium	W4C3296EB	(140 watts)	49%	WLED96	(110 watts)	60%
440 watt fluorescent (12 L 8' VHO)	W4C3296EB	(140 watts)	67%	WLED96	(110 watts)	75%
400 watt metal halide	**W4PL5096EB	(212 watts)	54%	**WLED192	(220 watts)	54%
400 watt metal halide	^^W2PL50 / W4PL5096	(212 watts)	55%-77%	^^WLED96 / WLED192	(220 watts)	50%-75%
1000 watt mercury vapor	**W4PL5096EB	(212 watts)	80%	WLED192	(220 watts)	80%
1500 watt quartz/ incandescent	W4PL5096	(212 watts)	86%	WLED192	(220 watts)	85%

The above fluorescent comparisons have actually occurred several times in many applications. It may or may not be satisfactory in your particular application due to a variety of factors that should be taken into the design considerations. We suggest checking with your local representative, or the factory before purchasing.

Use a green lamp for landscape illumination effectiveness; or gold lamp for accent lighting and reducing bug attraction

** New model, and features double end mounting for lower profile installation for signs, landscape, etc. Can be installed on "grade level" box(s).
Note: 50 watt unit has 25% more output than 40 watt unit.

^^ Features such as instant light (no warm-up/restrike), and less expensive lamp replacement cost, make these units a good choice, even with minor energy conservation.

^^ Normally use W2PL50 or WLED96 for exterior replacement, and W4PL50EB or WLED192 for interior replacement; contact factory for more details.