



Fixture Annual Operating Cost Worksheet

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Van Wert County's ONLY Locally Owned
 Electrical & Plumbing Distributor!

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 RESIDENTIAL -- INDUSTRIAL
 COMMERCIAL -- AGRICULTURAL

Rev 05/2017

TYPE OF FIXTURE	WATTAGE INPUT	LIGHT OUTPUT (LUMENS)	COLOR TEMP (KELVIN)	LAMP LIFE (AVG HOURS)	ESTIMATED ANNUAL OPERATING COST **	FIXTURE COST	BULB COST
LIGHT-EMITTING DIODE (LED)							
* 10W LED	13	547	COOL -- 5,250	50,000	\$4.75		N/A
13W LED	15	724	COOL -- 5,082	50,000	\$5.48		N/A
* 20W LED	22	1,030	COOL -- 5,584	50,000	\$8.03		N/A
HIGH PRESSURE SODIUM (HPS)							
50W HPS	62	4,000	1,900 -- 22CRI	24,000	\$21.90		
70W HPS	86	6,300	1,900 -- 22CRI	24,000	\$30.66		
150W HPS	188	16,000	2,100 -- 22CRI	24,000	\$65.70		
METAL HALIDE (MH)							
100W MH	129	5,800	3,000 -- 75CRI	15,000	\$43.80		
175W MH	210	8,400	4,000 -- 70CRI	10,000	\$76.65		
250W MH	288	12,000	4,000 -- 65CRI	10,000	\$109.50		
MERCURY VAPOR (MV)							
175W MV	205	7,150	5,900 -- 22CRI	24,000	\$74.83	N/A	
QUARTZ							
300W QUARTZ	300	6,100	N/A	2,000	\$109.50		
500W QUARTZ	500	11,000	N/A	2,000	\$182.50		
PAR 38 FLOOD							
120W PAR 38 FLOOD	120	1,800	N/A	3,000	\$43.80		

* Warm (Yellow) Available

** Based on 10 cents/KWH & 10 Burning Hours/Night

ALL VALUES LISTED ARE APPROXIMATE