

LED Lighting Options

Traditional Street Light				Alternative AEP LED Streetlight			
Fixture	kWh	Fixture Charge	Total Charge per month*	Fixture	kWh	Fixture Charge	Total Charge per month*
100 W MV	40	\$5.18	\$8.38	20-60 W LED (43 W)	14	\$6.03	\$7.15
175 W MV	70	\$5.87	\$11.47	61-100 W LED (71 W)	29	\$6.13	\$8.45
400 W MV	145	\$9.62	\$21.22	120-160 W LED (122 W)	46	\$8.96	\$12.64
					OR		
				200-240 W LED (194 W)	73	\$10.95	\$16.79
150 W MH	65	\$8.47	\$13.67	61-100 W LED (71 W)	29	\$6.13	\$8.45
175 W MH	75	\$8.47	\$14.47	61-100 W LED (71 W)	29	\$6.13	\$8.45
250 W MH	105	\$8.72	\$17.12	120-160 W LED (122 W)	46	\$8.96	\$12.64
400 W MH	155	\$9.19	\$21.59	200-240 W LED (194 W)	73	\$10.95	\$16.79
1000 W MH	367	\$9.36	\$38.72	N/A			
70 W HPS	28	\$5.21	\$7.45	20-60 W LED (43 W)	14	\$6.03	\$7.15
100 W HPS	39	\$5.32	\$8.44	20-60 W LED (43 W)	14	\$6.03	\$7.15
150 W HPS	57	\$5.47	\$10.03	61-100 W LED (71 W)	29	\$6.13	\$8.45
250 W HPS (Cobra)	104	\$7.66	\$15.98	120-160 W LED (122 W)	46	\$8.96	\$12.64
250 W HPS (Flood)	104	\$7.66	\$15.98	130-170W LED (146 W)	50	\$15.24	\$19.24
400 W HPS	155	\$8.31	\$20.71	200-240 W LED (194 W)	73	\$10.95	\$16.79
1000 W HPS	367	\$7.02	\$36.38	N/A			

*Assumes a Combined REP and TDU kWh Charge of \$0.08.