

# How do I know my lamps are functioning normally?

## FACTS about HID and FLUORESCENT LAMPS:

- It may take HID or T5 fluorescent 10-15 minutes to come to full brightness.
- HID: During the first few hours of use, the light from the lamp will oscillate.
- HID: The light will decrease in intensity during the life of the lamp. This will vary by brand & type.
- HID: During the first hours, intensity of the light may fluctuate somewhat, which is normal. However after it reaches 100 hours of "burn in" time, will continue evenly the remainder of it's life (with normal aging reduction).
- Both: Average life of a MH (metal halide) lamp is 12,000 hours for a 1000 watt lamp and 20,000 hours for a 400 watt lamp. Most users choose to replace lamps before they cease to operate due to lumen loss and spectral shift. T5 fluorescent lamps offer a rated hour life of 20,000 hours and have a much slower lumen loss and spectral shift than HID lamps.

## POWER USAGE:

On average a light system will increase your electricity cost from \$8 to \$12 per month — the exact amount depends on the size of the system and the number of hours operated. However, since these lights are so energy efficient, you are getting huge amounts of light for your money! Make sure your power circuit can handle the power draw. For safety reasons, do not exceed 75% of the rated ability of the fuse/breaker (for example: use no more than 15 amps on a 20 amp circuit). To calculate your cost, multiply the bulb wattage X hours of operation and divide by 1000. This figure is the number of kilowatt hours of electricity consumed. (Example: a 400 watt bulb running for 18 hours will use 7.2 kilowatt hours). Check your power bill for the cost of each kilowatt hour. Then multiply the number of kilowatt hours by the cost of a kilowatt hour (K/hr) to arrive at the cost per month to run the light in your area.

## Please see the following charts for estimate power costs:

96 watt lighting fixture uses 104 watts per hour.												
POWER COST ESTIMATION GUIDE PER MONTH (ASSUMES 30 DAY MONTH)												
COST PER KW/HR	4¢	6¢	8¢	10¢	12¢	14¢	16¢	18¢	20¢	22¢	24¢	26¢
HRS. PER DAY X 30 DAYS	EXAMPLE: 6 HRS X 104 WATTS* ÷ 1000 X \$.04 PER KWH X 30 DAYS = \$.75											
6 HRS X 30 DAYS	\$0.75	\$1.12	\$1.50	\$1.87	\$2.25	\$2.62	\$3.00	\$3.37	\$3.74	\$4.12	\$4.49	\$4.87
8 HRS X 30 DAYS	\$1.00	\$1.50	\$2.00	\$2.50	\$3.00	\$3.49	\$3.99	\$4.49	\$4.99	\$5.49	\$5.99	\$6.49
10 HRS X 30 DAYS	\$1.25	\$1.87	\$2.50	\$3.12	\$3.74	\$4.37	\$4.99	\$5.62	\$6.24	\$6.86	\$7.49	\$8.11
12 HRS X 30 DAYS	\$1.50	\$2.25	\$3.00	\$3.74	\$4.49	\$5.24	\$5.99	\$6.74	\$7.49	\$8.24	\$8.99	\$9.73
14 HRS X 30 DAYS	\$1.75	\$2.62	\$3.49	\$4.37	\$5.24	\$6.12	\$6.99	\$7.86	\$8.74	\$9.61	\$10.48	\$11.36
16 HRS X 30 DAYS	\$2.00	\$3.00	\$3.99	\$4.99	\$5.99	\$6.99	\$7.99	\$8.99	\$9.98	\$10.98	\$11.98	\$12.98
18 HRS X 30 DAYS	\$2.25	\$3.37	\$4.49	\$5.62	\$6.74	\$7.86	\$8.99	\$10.11	\$11.23	\$12.36	\$13.48	\$14.60

**108 watt lighting fixture uses 117 watts per hour.  
POWER COST ESTIMATION GUIDE PER MONTH (ASSUMES 30 DAY MONTH)**

COST PER KW/HR	4¢	6¢	8¢	10¢	12¢	14¢	16¢	18¢	20¢	22¢	24¢	26¢
HRS. PER DAY X 30 DAYS	EXAMPLE: 6 HRS X 117 WATTS* ÷ 1000 X \$.04 PER KWH X 30 DAYS = \$.84											
6 HRS X 30 DAYS	\$0.84	\$1.26	\$1.68	\$2.11	\$2.53	\$2.95	\$3.37	\$3.79	\$4.21	\$4.63	\$5.05	\$5.48
8 HRS X 30 DAYS	\$1.12	\$1.68	\$2.25	\$2.81	\$3.37	\$3.93	\$4.49	\$5.05	\$5.62	\$6.18	\$6.74	\$7.30
10 HRS X 30 DAYS	\$1.40	\$2.11	\$2.81	\$3.51	\$4.21	\$4.91	\$5.62	\$6.32	\$7.02	\$7.72	\$8.42	\$9.13
12 HRS X 30 DAYS	\$1.68	\$2.53	\$3.37	\$4.21	\$5.05	\$5.90	\$6.74	\$7.58	\$8.42	\$9.27	\$10.11	\$10.95
14 HRS X 30 DAYS	\$1.97	\$2.95	\$3.93	\$4.91	\$5.90	\$6.88	\$7.86	\$8.85	\$9.83	\$10.81	\$11.79	\$12.78
16 HRS X 30 DAYS	\$2.25	\$3.37	\$4.49	\$5.62	\$6.74	\$7.86	\$8.99	\$10.11	\$11.23	\$12.36	\$13.48	\$14.60
18 HRS X 30 DAYS	\$2.53	\$3.79	\$5.05	\$6.32	\$7.58	\$8.85	\$10.11	\$11.37	\$12.64	\$13.90	\$15.16	\$16.43

**150 watt lighting fixture uses 165 watts per hour.  
POWER COST ESTIMATION GUIDE PER MONTH (ASSUMES 30 DAY MONTH)**

COST PER KW/HR	4¢	6¢	8¢	10¢	12¢	14¢	16¢	18¢	20¢	22¢	24¢	26¢
HRS. PER DAY X 30 DAYS	EXAMPLE: 6 HRS X 165 WATTS* ÷ 1000 X \$.04 PER KWH X 30 DAYS = \$ 1.19											
6 HRS X 30 DAYS	\$1.19	\$1.78	\$2.38	\$2.97	\$3.56	\$4.16	\$4.75	\$5.35	\$5.94	\$6.53	\$7.13	\$7.72
8 HRS X 30 DAYS	\$1.58	\$2.38	\$3.17	\$3.96	\$4.75	\$5.54	\$6.34	\$7.13	\$7.92	\$8.71	\$9.50	\$10.30
10 HRS X 30 DAYS	\$1.98	\$2.97	\$3.96	\$4.95	\$5.94	\$6.93	\$7.92	\$8.91	\$9.90	\$10.89	\$11.88	\$12.87
12 HRS X 30 DAYS	\$2.38	\$3.56	\$4.75	\$5.94	\$7.13	\$8.32	\$9.50	\$10.69	\$11.88	\$13.07	\$14.26	\$15.44
14 HRS X 30 DAYS	\$2.77	\$4.16	\$5.54	\$6.93	\$8.32	\$9.70	\$11.09	\$12.47	\$13.86	\$15.25	\$16.63	\$18.02
16 HRS X 30 DAYS	\$3.17	\$4.75	\$6.34	\$7.92	\$9.50	\$11.09	\$12.67	\$14.26	\$15.84	\$17.42	\$19.01	\$20.59
18 HRS X 30 DAYS	\$3.56	\$5.35	\$7.13	\$8.91	\$10.69	\$12.47	\$14.26	\$16.04	\$17.82	\$19.60	\$21.38	\$23.17

**156 watt lighting fixture uses 169 watts per hour.  
POWER COST ESTIMATION GUIDE PER MONTH (ASSUMES 30 DAY MONTH)**

COST PER KW/HR	4¢	6¢	8¢	10¢	12¢	14¢	16¢	18¢	20¢	22¢	24¢	26¢
HRS. PER DAY X 30 DAYS	EXAMPLE: 6 HRS X 169 WATTS* ÷ 1000 X \$.04 PER KWH X 30 DAYS = \$ 1.22											
6 HRS X 30 DAYS	\$1.22	\$1.83	\$2.43	\$3.04	\$3.65	\$4.26	\$4.87	\$5.48	\$6.08	\$6.69	\$7.30	\$7.91
8 HRS X 30 DAYS	\$1.62	\$2.43	\$3.24	\$4.06	\$4.87	\$5.68	\$6.49	\$7.30	\$8.11	\$8.92	\$9.73	\$10.55
10 HRS X 30 DAYS	\$2.03	\$3.04	\$4.06	\$5.07	\$6.08	\$7.10	\$8.11	\$9.13	\$10.14	\$11.15	\$12.17	\$13.18
12 HRS X 30 DAYS	\$2.43	\$3.65	\$4.87	\$6.08	\$7.30	\$8.52	\$9.73	\$10.95	\$12.17	\$13.38	\$14.60	\$15.82
14 HRS X 30 DAYS	\$2.84	\$4.26	\$5.68	\$7.10	\$8.52	\$9.94	\$11.36	\$12.78	\$14.20	\$15.62	\$17.04	\$18.45
16 HRS X 30 DAYS	\$3.24	\$4.87	\$6.49	\$8.11	\$9.73	\$11.36	\$12.98	\$14.60	\$16.22	\$17.85	\$19.47	\$21.09
18 HRS X 30 DAYS	\$3.65	\$5.48	\$7.30	\$9.13	\$10.95	\$12.78	\$14.60	\$16.43	\$18.25	\$20.08	\$21.90	\$23.73

**175 watt lighting fixture uses 196 watts per hour.  
POWER COST ESTIMATION GUIDE PER MONTH (ASSUMES 30 DAY MONTH)**

COST PER KW/HR	4¢	6¢	8¢	10¢	12¢	14¢	16¢	18¢	20¢	22¢	24¢	26¢
HRS. PER DAY X 30 DAYS	EXAMPLE: 6 HRS X 196 WATTS* ÷ 1000 X \$.04 PER KWH X 30 DAYS = \$1.41											
6 HRS X 30 DAYS	\$1.41	\$2.12	\$2.82	\$3.53	\$4.23	\$4.94	\$5.64	\$6.35	\$7.06	\$7.76	\$8.47	\$9.17
8 HRS X 30 DAYS	\$1.88	\$2.82	\$3.76	\$4.70	\$5.64	\$6.59	\$7.53	\$8.47	\$9.41	\$10.35	\$11.29	\$12.23
10 HRS X 30 DAYS	\$2.35	\$3.53	\$4.70	\$5.88	\$7.06	\$8.23	\$9.41	\$10.58	\$11.76	\$12.94	\$14.11	\$15.29
12 HRS X 30 DAYS	\$2.82	\$4.23	\$5.64	\$7.06	\$8.47	\$9.88	\$11.29	\$12.70	\$14.11	\$15.52	\$16.93	\$18.35
14 HRS X 30 DAYS	\$3.29	\$4.94	\$6.59	\$8.23	\$9.88	\$11.52	\$13.17	\$14.82	\$16.46	\$18.11	\$19.76	\$21.40
16 HRS X 30 DAYS	\$3.76	\$5.64	\$7.53	\$9.41	\$11.29	\$13.17	\$15.05	\$16.93	\$18.82	\$20.70	\$22.58	\$24.46
18 HRS X 30 DAYS	\$4.23	\$6.35	\$8.47	\$10.58	\$12.70	\$14.82	\$16.93	\$19.05	\$21.17	\$23.28	\$25.40	\$27.52

**216 watt lighting fixture uses 234 watts per hour.  
POWER COST ESTIMATION GUIDE PER MONTH (ASSUMES 30 DAY MONTH)**

COST PER KW/HR	4¢	6¢	8¢	10¢	12¢	14¢	16¢	18¢	20¢	22¢	24¢	26¢
HRS. PER DAY X 30 DAYS	EXAMPLE: 6 HRS X 234 WATTS* ÷ 1000 X \$.04 PER KWH X 30 DAYS = \$ 1.68											
6 HRS X 30 DAYS	\$1.68	\$2.53	\$3.37	\$4.21	\$5.05	\$5.90	\$6.74	\$7.58	\$8.42	\$9.27	\$10.11	\$10.95
8 HRS X 30 DAYS	\$2.25	\$3.37	\$4.49	\$5.62	\$6.74	\$7.86	\$8.99	\$10.11	\$11.23	\$12.36	\$13.48	\$14.60
10 HRS X 30 DAYS	\$2.81	\$4.21	\$5.62	\$7.02	\$8.42	\$9.83	\$11.23	\$12.64	\$14.04	\$15.44	\$16.85	\$18.25
12 HRS X 30 DAYS	\$3.37	\$5.05	\$6.74	\$8.42	\$10.11	\$11.79	\$13.48	\$15.16	\$16.85	\$18.53	\$20.22	\$21.90
14 HRS X 30 DAYS	\$3.93	\$5.90	\$7.86	\$9.83	\$11.79	\$13.76	\$15.72	\$17.69	\$19.66	\$21.62	\$23.59	\$25.55
16 HRS X 30 DAYS	\$4.49	\$6.74	\$8.99	\$11.23	\$13.48	\$15.72	\$17.97	\$20.22	\$22.46	\$24.71	\$26.96	\$29.20
18 HRS X 30 DAYS	\$5.05	\$7.58	\$10.11	\$12.64	\$15.16	\$17.69	\$20.22	\$22.74	\$25.27	\$27.80	\$30.33	\$32.85

**234 watt lighting fixture uses 261 watts per hour.  
POWER COST ESTIMATION GUIDE PER MONTH (ASSUMES 30 DAY MONTH)**

COST PER KW/HR	4¢	6¢	8¢	10¢	12¢	14¢	16¢	18¢	20¢	22¢	24¢	26¢
HRS. PER DAY X 30 DAYS	EXAMPLE: 6 HRS X 261 WATTS* ÷ 1000 X \$.04 PER KWH X 30 DAYS = \$ 1.88											
6 HRS X 30 DAYS	\$1.88	\$2.82	\$3.76	\$4.70	\$5.64	\$6.58	\$7.52	\$8.46	\$9.40	\$10.34	\$11.28	\$12.21
8 HRS X 30 DAYS	\$2.51	\$3.76	\$5.01	\$6.26	\$7.52	\$8.77	\$10.02	\$11.28	\$12.53	\$13.78	\$15.03	\$16.29
10 HRS X 30 DAYS	\$3.13	\$4.70	\$6.26	\$7.83	\$9.40	\$10.96	\$12.53	\$14.09	\$15.66	\$17.23	\$18.79	\$20.36
12 HRS X 30 DAYS	\$3.76	\$5.64	\$7.52	\$9.40	\$11.28	\$13.15	\$15.03	\$16.91	\$18.79	\$20.67	\$22.55	\$24.43
14 HRS X 30 DAYS	\$4.38	\$6.58	\$8.77	\$10.96	\$13.15	\$15.35	\$17.54	\$19.73	\$21.92	\$24.12	\$26.31	\$28.50
16 HRS X 30 DAYS	\$5.01	\$7.52	\$10.02	\$12.53	\$15.03	\$17.54	\$20.04	\$22.55	\$25.06	\$27.56	\$30.07	\$32.57
18 HRS X 30 DAYS	\$5.64	\$8.46	\$11.28	\$14.09	\$16.91	\$19.73	\$22.55	\$25.37	\$28.19	\$31.01	\$33.83	\$36.64

**250 watt lighting fixture uses 275 watts per hour.  
POWER COST ESTIMATION GUIDE PER MONTH (ASSUMES 30 DAY MONTH)**

COST PER KW/HR	4¢	6¢	8¢	10¢	12¢	14¢	16¢	18¢	20¢	22¢	24¢	26¢
HRS. PER DAY X 30 DAYS	EXAMPLE: 6 HRS X 275 WATTS* ÷ 1000 X \$.04 PER KWH X 30 DAYS = \$ 1.98											
6 HRS X 30 DAYS	\$1.98	\$2.97	\$3.96	\$4.95	\$5.94	\$6.93	\$7.92	\$8.91	\$9.90	\$10.89	\$11.88	\$12.87
8 HRS X 30 DAYS	\$2.64	\$3.96	\$5.28	\$6.60	\$7.92	\$9.24	\$10.56	\$11.88	\$13.20	\$14.52	\$15.84	\$17.16
10 HRS X 30 DAYS	\$3.30	\$4.95	\$6.60	\$8.25	\$9.90	\$11.55	\$13.20	\$14.85	\$16.50	\$18.15	\$19.80	\$21.45
12 HRS X 30 DAYS	\$3.96	\$5.94	\$7.92	\$9.90	\$11.88	\$13.86	\$15.84	\$17.82	\$19.80	\$21.78	\$23.76	\$25.74
14 HRS X 30 DAYS	\$4.62	\$6.93	\$9.24	\$11.55	\$13.86	\$16.17	\$18.48	\$20.79	\$23.10	\$25.41	\$27.72	\$30.03
16 HRS X 30 DAYS	\$5.28	\$7.92	\$10.56	\$13.20	\$15.84	\$18.48	\$21.12	\$23.76	\$26.40	\$29.04	\$31.68	\$34.32
18 HRS X 30 DAYS	\$5.94	\$8.91	\$11.88	\$14.85	\$17.82	\$20.79	\$23.76	\$26.73	\$29.70	\$32.67	\$35.64	\$38.61

**324 watt lighting fixture uses 350 watts per hour.  
POWER COST ESTIMATION GUIDE PER MONTH (ASSUMES 30 DAY MONTH)**

COST PER KW/HR	4¢	6¢	8¢	10¢	12¢	14¢	16¢	18¢	20¢	22¢	24¢	26¢
HRS. PER DAY X 30 DAYS	EXAMPLE: 6 HRS X 350 WATTS* ÷ 1000 X \$.04 PER KWH X 30 DAYS = \$ 2.52											
6 HRS X 30 DAYS	\$2.52	\$3.78	\$5.04	\$6.30	\$7.56	\$8.82	\$10.08	\$11.34	\$12.60	\$13.86	\$15.12	\$16.38
8 HRS X 30 DAYS	\$3.36	\$5.04	\$6.72	\$8.40	\$10.08	\$11.76	\$13.44	\$15.12	\$16.80	\$18.48	\$20.16	\$21.84
10 HRS X 30 DAYS	\$4.20	\$6.30	\$8.40	\$10.50	\$12.60	\$14.70	\$16.80	\$18.90	\$21.00	\$23.10	\$25.20	\$27.30
12 HRS X 30 DAYS	\$5.04	\$7.56	\$10.08	\$12.60	\$15.12	\$17.64	\$20.16	\$22.68	\$25.20	\$27.72	\$30.24	\$32.76
14 HRS X 30 DAYS	\$5.88	\$8.82	\$11.76	\$14.70	\$17.64	\$20.58	\$23.52	\$26.46	\$29.40	\$32.34	\$35.28	\$38.22
16 HRS X 30 DAYS	\$6.72	\$10.08	\$13.44	\$16.80	\$20.16	\$23.52	\$26.88	\$30.24	\$33.60	\$36.96	\$40.32	\$43.68
18 HRS X 30 DAYS	\$7.56	\$11.34	\$15.12	\$18.90	\$22.68	\$26.46	\$30.24	\$34.02	\$37.80	\$41.58	\$45.36	\$49.14

**400 watt lighting fixture uses 460 watts per hour.  
POWER COST ESTIMATION GUIDE PER MONTH (ASSUMES 30 DAY MONTH)**

COST PER KW/HR	4¢	6¢	8¢	10¢	12¢	14¢	16¢	18¢	20¢	22¢	24¢	26¢
HRS. PER DAY X 30 DAYS	EXAMPLE: 6 HRS X 460 WATTS* ÷ 1000 X \$.04 PER KWH X 30 DAYS = \$ 3.37											
6 HRS X 30 DAYS	\$3.31	\$4.97	\$6.62	\$8.28	\$9.94	\$11.59	\$13.25	\$14.90	\$16.56	\$18.22	\$19.87	\$21.53
8 HRS X 30 DAYS	\$4.42	\$6.62	\$8.83	\$11.04	\$13.25	\$15.46	\$17.66	\$19.87	\$22.08	\$24.29	\$26.50	\$28.70
10 HRS X 30 DAYS	\$5.52	\$8.28	\$11.04	\$13.80	\$16.56	\$19.32	\$22.08	\$24.84	\$27.60	\$30.36	\$33.12	\$35.88
12 HRS X 30 DAYS	\$6.62	\$9.94	\$13.25	\$16.56	\$19.87	\$23.18	\$26.50	\$29.81	\$33.12	\$36.43	\$39.74	\$43.06
14 HRS X 30 DAYS	\$7.73	\$11.59	\$15.46	\$19.32	\$23.18	\$27.05	\$30.91	\$34.78	\$38.64	\$42.50	\$46.37	\$50.23
16 HRS X 30 DAYS	\$8.83	\$13.25	\$17.66	\$22.08	\$26.50	\$30.91	\$35.33	\$39.74	\$44.16	\$48.58	\$52.99	\$57.41
18 HRS X 30 DAYS	\$9.94	\$14.90	\$19.87	\$24.84	\$29.81	\$34.78	\$39.74	\$44.71	\$49.68	\$54.65	\$59.62	\$64.58

**430 watt lighting fixture uses 490 watts per hour.  
POWER COST ESTIMATION GUIDE PER MONTH (ASSUMES 30 DAY MONTH)**

COST PER KW/HR	4¢	6¢	8¢	10¢	12¢	14¢	16¢	18¢	20¢	22¢	24¢	26¢
HRS. PER DAY X 30 DAYS	EXAMPLE: 6 HRS X 490 WATTS* ÷ 1000 X \$.04 PER KWH X 30 DAYS = \$ 3.53											
6 HRS X 30 DAYS	\$3.53	\$5.29	\$7.06	\$8.82	\$10.58	\$12.35	\$14.11	\$15.88	\$17.64	\$19.40	\$21.17	\$22.93
8 HRS X 30 DAYS	\$4.70	\$7.06	\$9.41	\$11.76	\$14.11	\$16.46	\$18.82	\$21.17	\$23.52	\$25.87	\$28.22	\$30.58
10 HRS X 30 DAYS	\$5.88	\$8.82	\$11.76	\$14.70	\$17.64	\$20.58	\$23.52	\$26.46	\$29.40	\$32.34	\$35.28	\$38.22
12 HRS X 30 DAYS	\$7.06	\$10.58	\$14.11	\$17.64	\$21.17	\$24.70	\$28.22	\$31.75	\$35.28	\$38.81	\$42.34	\$45.86
14 HRS X 30 DAYS	\$8.23	\$12.35	\$16.46	\$20.58	\$24.70	\$28.81	\$32.93	\$37.04	\$41.16	\$45.28	\$49.39	\$53.51
16 HRS X 30 DAYS	\$9.41	\$14.11	\$18.82	\$23.52	\$28.22	\$32.93	\$37.63	\$42.34	\$47.04	\$51.74	\$56.45	\$61.15
18 HRS X 30 DAYS	\$10.58	\$15.88	\$21.17	\$26.46	\$31.75	\$37.04	\$42.34	\$47.63	\$52.92	\$58.21	\$63.50	\$68.80

**432 watt lighting fixture uses 468 watts per hour.  
POWER COST ESTIMATION GUIDE PER MONTH (ASSUMES 30 DAY MONTH)**

COST PER KW/HR	4¢	6¢	8¢	10¢	12¢	14¢	16¢	18¢	20¢	22¢	24¢	26¢
HRS. PER DAY X 30 DAYS	EXAMPLE: 6 HRS X 468 WATTS* ÷ 1000 X \$.04 PER KWH X 30 DAYS = \$ 3.31											
6 HRS X 30 DAYS	\$3.37	\$5.05	\$6.74	\$8.42	\$10.11	\$11.79	\$13.48	\$15.16	\$16.85	\$18.53	\$20.22	\$21.90
8 HRS X 30 DAYS	\$4.49	\$6.74	\$8.99	\$11.23	\$13.48	\$15.72	\$17.97	\$20.22	\$22.46	\$24.71	\$26.96	\$29.20
10 HRS X 30 DAYS	\$5.62	\$8.42	\$11.23	\$14.04	\$16.85	\$19.66	\$22.46	\$25.27	\$28.08	\$30.89	\$33.70	\$36.50
12 HRS X 30 DAYS	\$6.74	\$10.11	\$13.48	\$16.85	\$20.22	\$23.59	\$26.96	\$30.33	\$33.70	\$37.07	\$40.44	\$43.80
14 HRS X 30 DAYS	\$7.86	\$11.79	\$15.72	\$19.66	\$23.59	\$27.52	\$31.45	\$35.38	\$39.31	\$43.24	\$47.17	\$51.11
16 HRS X 30 DAYS	\$8.99	\$13.48	\$17.97	\$22.46	\$26.96	\$31.45	\$35.94	\$40.44	\$44.93	\$49.42	\$53.91	\$58.41
18 HRS X 30 DAYS	\$10.11	\$15.16	\$20.22	\$25.27	\$30.33	\$35.38	\$40.44	\$45.49	\$50.54	\$55.60	\$60.65	\$65.71

**1000 watt lighting fixture uses 1100 watts per hour.  
POWER COST ESTIMATION GUIDE PER MONTH (ASSUMES 30 DAY MONTH)**

COST PER KW/HR	4¢	6¢	8¢	10¢	12¢	14¢	16¢	18¢	20¢	22¢	24¢	26¢
HRS. PER DAY X 30 DAYS	EXAMPLE: 6 HRS X 1100 WATTS* ÷ 1000 X \$.04 PER KWH X 30 DAYS = \$ 7.92											
6 HRS X 30 DAYS	\$7.92	\$11.88	\$15.84	\$19.80	\$23.76	\$27.72	\$31.68	\$35.64	\$39.60	\$43.56	\$47.52	\$51.48
8 HRS X 30 DAYS	\$10.56	\$15.84	\$21.12	\$26.40	\$31.68	\$36.96	\$42.24	\$47.52	\$52.80	\$58.08	\$63.36	\$68.64
10 HRS X 30 DAYS	\$13.20	\$19.80	\$26.40	\$33.00	\$39.60	\$46.20	\$52.80	\$59.40	\$66.00	\$72.60	\$79.20	\$85.80
12 HRS X 30 DAYS	\$15.84	\$23.76	\$31.68	\$39.60	\$47.52	\$55.44	\$63.36	\$71.28	\$79.20	\$87.12	\$95.04	\$102.96
14 HRS X 30 DAYS	\$18.48	\$27.72	\$36.96	\$46.20	\$55.44	\$64.68	\$73.92	\$83.16	\$92.40	\$101.64	\$110.88	\$120.12
16 HRS X 30 DAYS	\$21.12	\$31.68	\$42.24	\$52.80	\$63.36	\$73.92	\$84.48	\$95.04	\$105.60	\$116.16	\$126.72	\$137.28
18 HRS X 30 DAYS	\$23.76	\$35.64	\$47.52	\$59.40	\$71.28	\$83.16	\$95.04	\$106.92	\$118.80	\$130.68	\$142.56	\$154.44