





















LIGHTING QUICK-REFERENCE CHART													
HOURS/YR	\$/kWh	INCADESCENT			COMPACT FLOURESCENT (CFL)				LIGHT EMITTING DIODE (LED)				
		WATTS	kWh/YR	COST/YR	WATTS	kWh/YR	COST/YR	SAVINGS/YR	WATTS	kWh/YR	COST/YR	SAVINGS/YR	
4,380	\$0.10	250	1095.0	\$109.50	60	262.8	\$26.28	\$83.22	30	131.4	\$13.14	\$96.36	
4,380	\$0.10	200	876.0	\$87.60	45	197.1	\$19.71	\$67.89	25	109.5	\$10.95	\$76.65	
4,380	\$0.10	150	657.0	\$65.70	35	153.3	\$15.33	\$50.37	20	87.6	\$8.76	\$56.94	
4,380	\$0.10	100	438.0	\$43.80	23	100.7	\$10.07	\$33.73	15	65.7	\$6.57	\$37.23	
4,380	\$0.10	75	328.5	\$32.85	18	78.8	\$7.88	\$24.97	10	43.8	\$4.38	\$28.47	
4,380	\$0.10	60	262.8	\$26.28	15	65.7	\$6.57	\$19.71	8	35.0	\$3.50	\$22.78	
4,380	\$0.10	40	175.2	\$17.52	12	52.6	\$5.26	\$12.26	5	21.9	\$2.19	\$15.33	
4,380	\$0.11	250	1095.0	\$120.45	60	262.8	\$28.91	\$91.54	30	131.4	\$14.45	\$106.00	
4,380	\$0.11	200	876.0	\$96.36	45	197.1	\$21.68	\$74.68	25	109.5	\$12.05	\$84.32	
4,380	\$0.11	150	657.0	\$72.27	35	153.3	\$16.86	\$55.41	20	87.6	\$9.64	\$62.63	
4,380	\$0.11	100	438.0	\$48.18	23	100.7	\$11.08	\$37.10	15	65.7	\$7.23	\$40.95	
4,380	\$0.11	75	328.5	\$36.14	18	78.8	\$8.67	\$27.46	10	43.8	\$4.82	\$31.32	
4,380	\$0.11	60	262.8	\$28.91	15	65.7	\$7.23	\$21.68	8	35.0	\$3.85	\$25.05	
4,380	\$0.11	40	175.2	\$19.27	12	52.6	\$5.78	\$13.49	5	21.9	\$2.41	\$16.86	
4,380	\$0.12	250	1095.0	\$131.40	60	262.8	\$31.54	\$99.86	30	131.4	\$15.77	\$115.63	
4,380	\$0.12	200	876.0	\$105.12	45	197.1	\$23.65	\$81.47	25	109.5	\$13.14	\$91.98	
4,380	\$0.12	150	657.0	\$78.84	35	153.3	\$18.40	\$60.44	20	87.6	\$10.51	\$68.33	
4,380	\$0.12	100	438.0	\$52.56	23	100.7	\$12.09	\$40.47	15	65.7	\$7.88	\$44.68	
4,380	\$0.12	75	328.5	\$39.42	18	78.8	\$9.46	\$29.96	10	43.8	\$5.26	\$34.16	
4,380	\$0.12	60	262.8	\$31.54	15	65.7	\$7.88	\$23.65	8	35.0	\$4.20	\$27.33	
4,380	\$0.12	40	175.2	\$21.02	12	52.6	\$6.31	\$14.72	5	21.9	\$2.63	\$18.40	
4,380	\$0.13	250	1095.0	\$142.35	60	262.8	\$34.16	\$108.19	30	131.4	\$17.08	\$125.27	
4,380	\$0.13	200	876.0	\$113.88	45	197.1	\$25.62	\$88.26	25	109.5	\$14.24	\$99.65	
4,380	\$0.13	150	657.0	\$85.41	35	153.3	\$19.93	\$65.48	20	87.6	\$11.39	\$74.02	
4,380	\$0.13	100	438.0	\$56.94	23	100.7	\$13.10	\$43.84	15	65.7	\$8.54	\$48.40	
4,380	\$0.13	75	328.5	\$42.71	18	78.8	\$10.25	\$32.46	10	43.8	\$5.69	\$37.01	
4,380	\$0.13	60	262.8	\$34.16	15	65.7	\$8.54	\$25.62	8	35.0	\$4.56	\$29.61	
4,380	\$0.13	40	175.2	\$22.78	12	52.6	\$6.83	\$15.94	5	21.9	\$2.85	\$19.93	

LIGHTING QUICK-REFERENCE CHART													
HOURS/YR	\$/kWh	INCADESCENT			COMPACT FLOURESCENT (CFL)				LIGHT EMITTING DIODE (LED)				
		WATTS	kWh/YR	COST/YR	WATTS	kWh/YR	COST/YR	SAVINGS/YR	WATTS	kWh/YR	COST/YR	SAVINGS/YR	
4,380	\$0.14	250	1095.0	\$153.30	60	262.8	\$36.79	\$116.51	30	131.4	\$18.40	\$134.90	
4,380	\$0.14	200	876.0	\$122.64	45	197.1	\$27.59	\$95.05	25	109.5	\$15.33	\$107.31	
4,380	\$0.14	150	657.0	\$91.98	35	153.3	\$21.46	\$70.52	20	87.6	\$12.26	\$79.72	
4,380	\$0.14	100	438.0	\$61.32	23	100.7	\$14.10	\$47.22	15	65.7	\$9.20	\$52.12	
4,380	\$0.14	75	328.5	\$45.99	18	78.8	\$11.04	\$34.95	10	43.8	\$6.13	\$39.86	
4,380	\$0.14	60	262.8	\$36.79	15	65.7	\$9.20	\$27.59	8	35.0	\$4.91	\$31.89	
4,380	\$0.14	40	175.2	\$24.53	12	52.6	\$7.36	\$17.17	5	21.9	\$3.07	\$21.46	
4,380	\$0.14	250	1095.0	\$153.30	60	262.8	\$36.79	\$116.51	30	131.4	\$18.40	\$134.90	
4,380	\$0.14	200	876.0	\$122.64	45	197.1	\$27.59	\$95.05	25	109.5	\$15.33	\$107.31	
4,380	\$0.14	150	657.0	\$91.98	35	153.3	\$21.46	\$70.52	20	87.6	\$12.26	\$79.72	
4,380	\$0.14	100	438.0	\$61.32	23	100.7	\$14.10	\$47.22	15	65.7	\$9.20	\$52.12	
4,380	\$0.14	75	328.5	\$45.99	18	78.8	\$11.04	\$34.95	10	43.8	\$6.13	\$39.86	
4,380	\$0.14	60	262.8	\$36.79	15	65.7	\$9.20	\$27.59	8	35.0	\$4.91	\$31.89	
4,380	\$0.14	40	175.2	\$24.53	12	52.6	\$7.36	\$17.17	5	21.9	\$3.07	\$21.46	
4,380	\$0.15	250	1095.0	\$164.25	60	262.8	\$39.42	\$124.83	30	131.4	\$19.71	\$144.54	
4,380	\$0.15	200	876.0	\$131.40	45	197.1	\$29.57	\$101.84	25	109.5	\$16.43	\$114.98	
4,380	\$0.15	150	657.0	\$98.55	35	153.3	\$23.00	\$75.56	20	87.6	\$13.14	\$85.41	
4,380	\$0.15	100	438.0	\$65.70	23	100.7	\$15.11	\$50.59	15	65.7	\$9.86	\$55.85	
4,380	\$0.15	75	328.5	\$49.28	18	78.8	\$11.83	\$37.45	10	43.8	\$6.57	\$42.71	
4,380	\$0.15	60	262.8	\$39.42	15	65.7	\$9.86	\$29.57	8	35.0	\$5.26	\$34.16	
4,380	\$0.15	40	175.2	\$26.28	12	52.6	\$7.88	\$18.40	5	21.9	\$3.29	\$23.00	
4,380	\$0.16	250	1095.0	\$175.20	60	262.8	\$42.05	\$133.15	30	131.4	\$21.02	\$154.18	
4,380	\$0.16	200	876.0	\$140.16	45	197.1	\$31.54	\$108.62	25	109.5	\$17.52	\$122.64	
4,380	\$0.16	150	657.0	\$105.12	35	153.3	\$24.53	\$80.59	20	87.6	\$14.02	\$91.10	
4,380	\$0.16	100	438.0	\$70.08	23	100.7	\$16.12	\$53.96	15	65.7	\$10.51	\$59.57	
4,380	\$0.16	75	328.5	\$52.56	18	78.8	\$12.61	\$39.95	10	43.8	\$7.01	\$45.55	
4,380	\$0.16	60	262.8	\$42.05	15	65.7	\$10.51	\$31.54	8	35.0	\$5.61	\$36.44	
4,380	\$0.16	40	175.2	\$28.03	12	52.6	\$8.41	\$19.62	5	21.9	\$3.50	\$24.53	

LIGHTING QUICK-REFERENCE CHART													
HOURS/YR	\$/kWh	INCADESCENT			COMPACT FLOURESCENT (CFL)				LIGHT EMITTING DIODE (LED)				
		WATTS	kWh/YR	COST/YR	WATTS	kWh/YR	COST/YR	SAVINGS/YR	WATTS	kWh/YR	COST/YR	SAVINGS/YR	
4,380	\$0.17	250	1095.0	\$186.15	60	262.8	\$44.68	\$141.47	30	131.4	\$22.34	\$163.81	
4,380	\$0.17	200	876.0	\$148.92	45	197.1	\$33.51	\$115.41	25	109.5	\$18.62	\$130.31	
4,380	\$0.17	150	657.0	\$111.69	35	153.3	\$26.06	\$85.63	20	87.6	\$14.89	\$96.80	
4,380	\$0.17	100	438.0	\$74.46	23	100.7	\$17.13	\$57.33	15	65.7	\$11.17	\$63.29	
4,380	\$0.17	75	328.5	\$55.85	18	78.8	\$13.40	\$42.44	10	43.8	\$7.45	\$48.40	
4,380	\$0.17	60	262.8	\$44.68	15	65.7	\$11.17	\$33.51	8	35.0	\$5.96	\$38.72	
4,380	\$0.17	40	175.2	\$29.78	12	52.6	\$8.94	\$20.85	5	21.9	\$3.72	\$26.06	
4,380	\$0.18	250	1095.0	\$197.10	60	262.8	\$47.30	\$149.80	30	131.4	\$23.65	\$173.45	
4,380	\$0.18	200	876.0	\$157.68	45	197.1	\$35.48	\$122.20	25	109.5	\$19.71	\$137.97	
4,380	\$0.18	150	657.0	\$118.26	35	153.3	\$27.59	\$90.67	20	87.6	\$15.77	\$102.49	
4,380	\$0.18	100	438.0	\$78.84	23	100.7	\$18.13	\$60.71	15	65.7	\$11.83	\$67.01	
4,380	\$0.18	75	328.5	\$59.13	18	78.8	\$14.19	\$44.94	10	43.8	\$7.88	\$51.25	
4,380	\$0.18	60	262.8	\$47.30	15	65.7	\$11.83	\$35.48	8	35.0	\$6.31	\$41.00	
4,380	\$0.18	40	175.2	\$31.54	12	52.6	\$9.46	\$22.08	5	21.9	\$3.94	\$27.59	
4,380	\$0.19	250	1095.0	\$208.05	60	262.8	\$49.93	\$158.12	30	131.4	\$24.97	\$183.08	
4,380	\$0.19	200	876.0	\$166.44	45	197.1	\$37.45	\$128.99	25	109.5	\$20.81	\$145.64	
4,380	\$0.19	150	657.0	\$124.83	35	153.3	\$29.13	\$95.70	20	87.6	\$16.64	\$108.19	
4,380	\$0.19	100	438.0	\$83.22	23	100.7	\$19.14	\$64.08	15	65.7	\$12.48	\$70.74	
4,380	\$0.19	75	328.5	\$62.42	18	78.8	\$14.98	\$47.44	10	43.8	\$8.32	\$54.09	
4,380	\$0.19	60	262.8	\$49.93	15	65.7	\$12.48	\$37.45	8	35.0	\$6.66	\$43.27	
4,380	\$0.19	40	175.2	\$33.29	12	52.6	\$9.99	\$23.30	5	21.9	\$4.16	\$29.13	
4,380	\$0.20	250	1095.0	\$219.00	60	262.8	\$52.56	\$166.44	30	131.4	\$26.28	\$192.72	
4,380	\$0.20	200	876.0	\$175.20	45	197.1	\$39.42	\$135.78	25	109.5	\$21.90	\$153.30	
4,380	\$0.20	150	657.0	\$131.40	35	153.3	\$30.66	\$100.74	20	87.6	\$17.52	\$113.88	
4,380	\$0.20	100	438.0	\$87.60	23	100.7	\$20.15	\$67.45	15	65.7	\$13.14	\$74.46	
4,380	\$0.20	75	328.5	\$65.70	18	78.8	\$15.77	\$49.93	10	43.8	\$8.76	\$56.94	
4,380	\$0.20	60	262.8	\$52.56	15	65.7	\$13.14	\$39.42	8	35.0	\$7.01	\$45.55	
4,380	\$0.20	40	175.2	\$35.04	12	52.6	\$10.51	\$24.53	5	21.9	\$4.38	\$30.66	
Efficacy		15-25 Lm/W			40-70 Lm/W				60-140 Lm/W				
CRI		98-100			60-90				70-95				
Lifespan		3,000 hours			15,000 hours				40,000 hours				

Hours/yr are calculated based on running the bulbs for 12 hours a day over 365 days.

MEASUREMENT	INCADESCENT	Rating	COMPACT FLOURESCENT (CFL)	Rating	LIGHT EMITTING DIODE (LED)	Rating	MERCURY VAPOR	Rating	METAL HALIDE	Rating	HIGH PRESSURE SODIUM	Rating
<b>Efficacy</b>	15-25 Lm/W		40-70 Lm/W		60-140 Lm/W		30-60 Lm/W		80-105 Lm/W		70-110 Lm/W	
<b>CRI</b>	98-100		60-90		70-95		40-50		60-70		20-30	
<b>Lifespan</b>	3,000 hours		15,000 hours		40,000 hours		15,000 hours		10,000 hours		15,000 hours	

-  POOR
-  AVERAGE
-  GOOD