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**ENERGY STAR Qualified GU24 Based Lamps**

List Posted on December 15, 2011

Below are currently qualified ENERGY STAR models available for sale in the U.S. and Canada

Organization Name	Brand	Model	Retail Product Number(s)	Wattage /3-Way Wattage (watts)	Model Type	Light Output (Lumens)	Lumens per Watt	Color Temperature (Kelvin)	Bulb Life (Hours)	Lamp Color Rendering Index	1,000-hour Lumen Maintenance	Lumen Maintenance	Lamp Start Time (ms)	Run-Up Time (min)	Power Factor	Testing Orientation	Date Qualified
AutoCell Electronics, Inc.	AutoCell Electronics	13W-GU24-27KTP		13	Bare	909.71	65.82	2700K	10020	82.38	92.205	91.84	16.7	0.340	0.601	Base Up	7/16/2009
AutoCell Electronics, Inc.	AutoCell Electronics	13W-GU24-27KTP		13	Bare	903.03	64.95	2700K	10020	83.04	95.277	92.055	17.3	0.400	0.586	Base Down	7/16/2009
AutoCell Electronics, Inc.	AutoCell Electronics	13W-GU24-27KTP		13	Bare	910.34	65.61	2700K	10020	82.26	97.7	92.29	17	0.370	0.601	50%Up/50%Down	7/16/2009
AutoCell Electronics, Inc.	AutoCell Electronics	13W-GU24-27KTP		13	Bare	903.846	66.234	2700K	10020	81.5	96.438	90.19	26	0.730	0.584	Horizontal	7/16/2009
AutoCell Electronics, Inc.	AutoCell Electronics	13W-GU24-41KTP		13	Bare	1040.93	71.24	4100K	10020	84.6	97.74	94.23	25	0.630	0.59	Base Up	7/16/2009
AutoCell Electronics, Inc.	AutoCell Electronics	13W-GU24-41KTP		13	Bare	967.15	69.69	4100K	10020	83.57	96.29	91.1	20	0.530	0.587	Base Down	7/16/2009
AutoCell Electronics, Inc.	AutoCell Electronics	13W-GU24-41KTP		13	Bare	1006.73	70.45	4100K	10020	84.1	97.48	94.01	25	0.560	0.59	50%Up/50%Down	7/16/2009
AutoCell Electronics, Inc.	AutoCell Electronics	13W-GU24-41KTP		13	Bare	1687.522	72.726	4100K	10020	81.71	96.441	89.175	16	0.662	0.583	Horizontal	7/16/2009
AutoCell Electronics, Inc.	AutoCell Electronics	18W-GU24-27KTP		18	Bare	1348.86	74.65	2700K	10020	81.4	93.7	84.9	15	0.840	0.556	Base Up	7/16/2009
AutoCell Electronics, Inc.	AutoCell Electronics	18W-GU24-27KTP		18	Bare	1366.29	73.09	2700K	10020	81.9	94.4	84	19	1.170	0.559	Base Down	7/16/2009
AutoCell Electronics, Inc.	AutoCell Electronics	18W-GU24-27KTP		18	Bare	1382.56	74.09	2700K	10020	81.89	95.63	86.79	15	1.040	0.556	50%Up/50%Down	7/16/2009
AutoCell Electronics, Inc.	AutoCell Electronics	18W-GU24-27KTP		18	Bare	1380.933	74.096	2700K	10020	81.66	94.4	89.385	20	1.170	0.558	Horizontal	7/16/2009
AutoCell Electronics, Inc.	AutoCell Electronics	18W-GU24-41KTP		18	Bare	1379.06	75.96	4100K	10020	84.39	95.46	90.16	32	0.700	0.558	Base Up	7/16/2009
AutoCell Electronics, Inc.	AutoCell Electronics	18W-GU24-41KTP		18	Bare	1255.28	73.81	4100K	10020	83.61	95.04	88.47	28	0.590	0.553	Base Down	7/16/2009
AutoCell Electronics, Inc.	AutoCell Electronics	18W-GU24-41KTP		18	Bare	1312.48	74.68	4100K	10020	83.95	95.22	89.17	32	0.610	0.558	50%Up/50%Down	7/16/2009
AutoCell Electronics, Inc.	AutoCell Electronics	18W-GU24-41KTP		18	Bare	1312.756	76.298	4100K	10020	83.64	97.054	89.82	21	0.802	0.548	Horizontal	7/16/2009
AutoCell Electronics, Inc.	AutoCell Electronics	23W-GU24-27KTP		23	Bare	1775.91	73.01	2700K	10020	82.6	97.15	91.27	16	0.920	0.569	Base Up	7/16/2009
AutoCell Electronics, Inc.	AutoCell Electronics	23W-GU24-27KTP		23	Bare	1676.59	72.17	2700K	10020	81.87	97.09	91.05	18	0.910	0.566	Base Down	7/16/2009
AutoCell Electronics, Inc.	AutoCell Electronics	23W-GU24-27KTP		23	Bare	1718.75	72.32	2700K	10020	82.1	97.5	91.27	16	0.880	0.569	50%Up/50%Down	7/16/2009
AutoCell Electronics, Inc.	AutoCell Electronics	23W-GU24-27KTP		23	Bare	1687.522	72.726	2700K	10020	81.71	96.441	89.175	16	0.662	0.789	Horizontal	7/16/2009
AutoCell Electronics, Inc.	AutoCell Electronics	23W-GU24-41KTP		23	Bare	1657.08	73.07	4100K	10020	83.51	96.11	90.09	26	0.780	0.563	Base Up	7/16/2009
AutoCell Electronics, Inc.	AutoCell Electronics	23W-GU24-41KTP		23	Bare	1588.73	72.57	4100K	10020	83.08	93.52	89.07	22	0.620	0.562	Base Down	7/16/2009
AutoCell Electronics, Inc.	AutoCell Electronics	23W-GU24-41KTP		23	Bare	1621.15	72.57	4100K	10020	83.23	95.23	90.16	26	0.700	0.563	50%Up/50%Down	7/16/2009
AutoCell Electronics, Inc.	AutoCell Electronics	23W-GU24-41KTP		23	Bare	1606.875	74.738	4100K	10020	82.45	97.158	90.158	23	0.738	0.555	Horizontal	7/16/2009
Bazz, Inc.	Bazz	GU24-18		18	Bare	1348.86	74.65	2700K	10020	81.4	93.7	84.9	15	0.840	0.556	Base Up	9/30/2008
Bazz, Inc.	Bazz	GU24-18		18	Bare	1366.29	73.09	2700K	10020	81.9	94.4	84	19	1.170	0.559	Base Down	9/30/2008
Bazz, Inc.	Bazz	GU24-18		18	Bare	1382.56	74.09	2700K	10020	81.89	95.63	86.79	15	1.040	0.556	50%Up/50%Down	9/30/2008
Bazz, Inc.	Bazz	GU24-18		18	Bare	1380.933	74.096	2700K	10020	81.66	94.4	89.385	20	1.170	0.558	Horizontal	9/30/2008

Organization Name	Brand	Model	Retail Product Number(s)	Wattage /3-Way Wattage (watts)	Model Type	Light Output (Lumens)	Lumens per Watt	Color Temperature (Kelvin)	Bulb Life (Hours)	Lamp Color Rendering Index	1,000-hour Lumen Maintenance	Lumen Maintenance	Lamp Start Time (ms)	Run-Up Time (min)	Power Factor	Testing Orientation	Date Qualified
Bazz, Inc.	Bazz	GU24-23		23	Bare	1775.91	73.01	2700K	10020	82.6	97.15	91.27	16	0.920	0.569	Base Up	9/30/2008
Bazz, Inc.	Bazz	GU24-23		23	Bare	1676.59	72.17	2700K	10020	81.87	97.09	91.05	18	0.910	0.566	Base Down	9/30/2008
Bazz, Inc.	Bazz	GU24-23		23	Bare	1718.75	72.32	2700K	10020	82.1	97.5	91.27	16	0.880	0.569	50%Up/50%Down	9/30/2008
Bazz, Inc.	Bazz	GU24-23		23	Bare	1687.522	72.726	2700K	10020	81.71	96.441	89.175	16	0.662	0.789	Horizontal	9/30/2008
Bulbrite Industries	Energy Wiser	CF13WW/GU24		13	Bare	794	64.65	2700K	10000	81.32	91.97	88.54	738	0.483	0.574	50%Up/50%Down	2/10/2009
Bulbrite Industries	Energy Wiser	CF13WW/GU24/DM		13	Dimmable	810	61.4	2700K	10000	83.1	92.3	83.3	390	0.530	0.699	50%Up/50%Down	1/11/2011
Bulbrite Industries	Energy Wiser	CF15A/GU24		15	Covered	862	59.8	2700K	10000	82	93.3	84	87	0.750	0.56	50%Up/50%Down	7/30/2009
Bulbrite Industries	Energy Wiser	CF15G25/GU24		15	Covered	748	51.05	2700K	10000	82.23	93.32	87.27	836	1.520	0.56	50%Up/50%Down	3/30/2009
Bulbrite Industries	Energy Wiser	CF15R30/GU24		15	Reflector	693	48.5	2700K	10000	84	92.2	84.7	144	1.100	0.56	50%Up/50%Down	3/30/2009
Bulbrite Industries	Energy Wiser	CF18WW/GU24		18	Bare	1222	73.95	2700K	10000	82.32	98.2	91.63	513	0.388	0.56	50%Up/50%Down	2/10/2009
Bulbrite Industries	Energy Wiser	CF23WW/GU24		23	Bare	1539.63	68.18	2700K	10000	82.78	92.82	82.56	546	0.417	0.567	Base Up	8/28/2008
Bulbrite Industries	Energy Wiser	CF26WW/GU24		26	Bare	1614	66.63	2700K	10000	81.82	92.18	85.57	60	0.833	0.56	50%Up/50%Down	10/7/2009
Canel Lighting Co. LTD	Hi-Lux	MAE-SGU-10WL(D)		10	Bare	602.4	66.2	2700K	10000	83	95.45	89.48	40	0.460	0.534	50%Up/50%Down	9/28/2010
Canel Lighting Co. LTD	Hi-Lux	MAE-SGU-15WL(D)		15	Bare	941	65.3	2700K	10000	82.1	93.97	82.73	50	0.525	0.565	50%Up/50%Down	9/28/2010
Canel Lighting Co. LTD	Hi-Lux	MAE-SGU-20WL(D)		20	Bare	1289.5	69.1	2700K	10000	81	92.33	82.83	101	0.533	0.531	50%Up/50%Down	9/28/2010
Canel Lighting Co. LTD	Hi-Lux	MAE-SGU-25WL(D)		25	Bare	1503.1	64.8	2700K	10000	81.3	95.61	88.64	86	0.583	0.549	50%Up/50%Down	9/28/2010
Cyber Tech Lighting	Cyber Tech Lighting	P13SP-GU24/27		13	Bare	909.71	65.82	2700K	10020	82.38	92.205	91.84	16.7	0.340	0.601	Base Up	1/30/2009
Cyber Tech Lighting	Cyber Tech Lighting	P13SP-GU24/27		13	Bare	903.03	64.95	2700K	10020	83.04	95.277	92.055	17.3	0.400	0.586	Base Down	1/30/2009
Cyber Tech Lighting	Cyber Tech Lighting	P13SP-GU24/27		13	Bare	910.34	65.61	2700K	10020	82.26	97.7	92.29	17	0.370	0.601	50%Up/50%Down	1/30/2009
Cyber Tech Lighting	Cyber Tech Lighting	P13SP-GU24/27		13	Bare	903.846	66.234	2700K	10020	81.5	96.438	90.19	26	0.730	0.584	Horizontal	1/30/2009
Cyber Tech Lighting	Cyber Tech Lighting	P13SP-GU24/41		13	Bare	1040.93	71.24	4100K	10020	84.6	97.74	94.23	25	0.630	0.59	Base Up	1/30/2009
Cyber Tech Lighting	Cyber Tech Lighting	P13SP-GU24/41		13	Bare	967.15	69.69	4100K	10020	83.57	96.29	91.1	20	0.530	0.587	Base Down	1/30/2009
Cyber Tech Lighting	Cyber Tech Lighting	P13SP-GU24/41		13	Bare	1006.73	70.45	4100K	10020	84.1	97.48	94.01	25	0.560	0.59	50%Up/50%Down	1/30/2009
Cyber Tech Lighting	Cyber Tech Lighting	P13SP-GU24/41		13	Bare	1687.522	72.726	4100K	10020	81.71	96.441	89.175	16	0.662	0.583	Horizontal	1/30/2009
Cyber Tech Lighting	Cyber Tech Lighting	P23SP-GU24/27		23	Bare	1775.91	73.01	2700K	10020	82.6	97.15	91.27	16	0.920	0.569	Base Up	1/30/2009
Cyber Tech Lighting	Cyber Tech Lighting	P23SP-GU24/27		23	Bare	1676.59	72.17	2700K	10020	81.87	97.09	91.05	18	0.910	0.566	Base Down	1/30/2009
Cyber Tech Lighting	Cyber Tech Lighting	P23SP-GU24/27		23	Bare	1718.75	72.32	2700K	10020	82.1	97.5	91.27	16	0.880	0.569	50%Up/50%Down	1/30/2009
Cyber Tech Lighting	Cyber Tech Lighting	P23SP-GU24/27		23	Bare	1687.522	72.726	2700K	10020	81.71	96.441	89.175	16	0.662	0.789	Horizontal	1/30/2009
Cyber Tech Lighting	Cyber Tech Lighting	P23SP-GU24/41		23	Bare	1657.08	73.07	4100K	10020	83.51	96.11	90.09	26	0.780	0.563	Base Up	1/30/2009
Cyber Tech Lighting	Cyber Tech Lighting	P23SP-GU24/41		23	Bare	1588.73	72.57	4100K	10020	83.08	93.52	89.07	22	0.620	0.562	Base Down	1/30/2009
Cyber Tech Lighting	Cyber Tech Lighting	P23SP-GU24/41		23	Bare	1621.15	72.57	4100K	10020	83.23	95.23	90.16	26	0.700	0.563	50%Up/50%Down	1/30/2009
Cyber Tech Lighting	Cyber Tech Lighting	P23SP-GU24/41		23	Bare	1606.875	74.738	4100K	10020	82.45	97.158	90.158	23	0.738	0.555	Horizontal	1/30/2009

Organization Name	Brand	Model	Retail Product Number(s)	Wattage /3-Way Wattage (watts)	Model Type	Light Output (Lumens)	Lumens per Watt	Color Temperature (Kelvin)	Bulb Life (Hours)	Lamp Color Rendering Index	1,000-hour Lumen Maintenance	Lumen Maintenance	Lamp Start Time (ms)	Run-Up Time (min)	Power Factor	Testing Orientation	Date Qualified
DONGGUAN APSUN LIGHTING TEC	Apsunlighting	SL1315B-120		13	Bare	766	71.6	2700K	10000	82.3	94.9	84.5	4.3	0.390	0.58	50% Up/50% Down	6/22/2010
EarthTronics, Inc.	EarthBulb	ET11MSL24		11	Bare	751.8	65.79	2700K	10020	82.27	92.346	87.286	16	0.306	0.586	Base Up	2/4/2009
EarthTronics, Inc.	EarthBulb	ET11MSL24		11	Bare	696.66	63.94	2700K	10000	81.53	92.66	86.626	18	0.247	0.587	Base Down	2/4/2009
EarthTronics, Inc.	EarthBulb	ET11MSL24		11	Bare	721.33	64.54	2700K	10020	81.78	95.28	87.33	16	0.290	0.586	50%Up/50%Down	2/4/2009
EarthTronics, Inc.	EarthBulb	ET11MSL24		11	Bare	710.776	64.711	2700K	10020	90.19	96.337	96.337	26	0.710	0.584	Horizontal	2/4/2009
EarthTronics, Inc.	EarthBulb	ET13MSL24		13	Bare	909.71	65.82	2700K	10020	82.38	92.205	91.84	16.7	0.340	0.601	Base Up	12/23/2010
EarthTronics, Inc.	EarthBulb	ET13MSL24		13	Bare	903.03	64.95	2700K	10020	83.04	95.277	92.055	17.3	0.400	0.586	Base Down	12/23/2010
EarthTronics, Inc.	EarthBulb	ET13MSL24		13	Bare	910.34	65.61	2700K	10020	82.26	97.7	92.29	17	0.370	0.601	50%Up/50%Down	12/23/2010
EarthTronics, Inc.	EarthBulb	ET13MSL24		13	Bare	903.846	66.234	2700K	10020	81.5	96.438	90.19	26	0.730	0.584	Horizontal	2/4/2009
EarthTronics, Inc.	EarthBulb	ET18MSL24		18	Bare	1348.86	74.65	2700K	10020	81.4	93.7	84.9	15	0.840	0.556	Base Up	2/4/2009
EarthTronics, Inc.	EarthBulb	ET18MSL24		18	Bare	1366.29	73.09	2700K	10020	81.9	94.4	84	19	1.170	0.559	Base Down	2/4/2009
EarthTronics, Inc.	EarthBulb	ET18MSL24		18	Bare	1382.56	74.09	2700K	10020	81.89	95.63	86.79	15	1.040	0.556	50%Up/50%Down	2/4/2009
EarthTronics, Inc.	EarthBulb	ET18MSL24		18	Bare	1380.933	74.096	2700K	10020	81.66	94.4	89.385	20	1.170	0.558	Horizontal	2/4/2009
EarthTronics, Inc.	EarthBulb	ET23MSL24		23	Bare	1775.91	73.01	2700K	10020	82.6	97.15	91.27	16	0.920	0.569	Base Up	2/4/2009
EarthTronics, Inc.	EarthBulb	ET23MSL24		23	Bare	1676.59	72.17	2700K	10020	81.87	97.09	91.05	18	0.910	0.566	Base Down	2/4/2009
EarthTronics, Inc.	EarthBulb	ET23MSL24		23	Bare	1718.75	72.32	2700K	10020	82.1	97.5	91.27	16	0.880	0.569	50%Up/50%Down	2/4/2009
EarthTronics, Inc.	EarthBulb	ET23MSL24		23	Bare	1687.522	72.726	2700K	10020	81.71	96.441	89.175	16	0.662	0.789	Horizontal	2/4/2009
Ecosmart	Ecosmart	598-635		16	Reflector	691	42.2	2700K	8000	83	92.1	85.9	47	0.800	0.62	Base Up	11/2/2010
Ecosmart	Ecosmart	ES53116R30		16	Reflector	691	42.2	2700K	8000	83	92.1	85.9	47	0.800	0.62	Base Up	11/22/2010
Efficient Lighting	Efficient Lighting	EL13GU27		13	Bare	909.71	65.82	2700K	10020	82.38	92.205	91.84	16.7	0.340	0.601	Base Up	10/1/2008
Efficient Lighting	Efficient Lighting	EL13GU27		13	Bare	903.03	64.95	2700K	10020	83.04	95.277	92.055	17.3	0.400	0.586	Base Down	10/1/2008
Efficient Lighting	Efficient Lighting	EL13GU27		13	Bare	910.34	65.61	2700K	10020	82.26	97.7	92.29	17	0.370	0.601	50%Up/50%Down	10/1/2008
Efficient Lighting	Efficient Lighting	EL13GU27		13	Bare	903.846	66.234	2700K	10020	81.5	96.438	90.19	26	0.730	0.584	Horizontal	10/1/2008
Efficient Lighting	Efficient Lighting	EL13GU27T2		13	Bare	969	70.2	2700K	10000	80.8	95.6	87.9	8.5	0.840	0.58	50%Up/50%Down	8/25/2010
Efficient Lighting	Efficient Lighting	EL13GU41		13	Bare	1040.93	71.24	4100K	10020	84.6	97.74	94.23	25	0.630	0.59	Base Up	12/23/2008
Efficient Lighting	Efficient Lighting	EL13GU41		13	Bare	967.15	69.69	4100K	10020	83.57	96.29	91.1	20	0.530	0.587	Base Down	12/23/2008
Efficient Lighting	Efficient Lighting	EL13GU41		13	Bare	1006.73	70.45	4100K	10020	84.1	97.48	94.01	25	0.560	0.59	50%Up/50%Down	12/23/2008
Efficient Lighting	Efficient Lighting	EL13GU41		13	Bare	1687.522	72.726	4100K	10020	81.71	96.441	89.175	16	0.662	0.583	Horizontal	12/23/2008
Efficient Lighting	Efficient Lighting	EL13GU41T2		13	Bare	945	66.5	4100K	10000	83.7	96.8	85	95.6	1.010	0.58	50%Up/50%Down	8/25/2010
Efficient Lighting	Efficient Lighting	EL18GU27		18	Bare	1348.86	74.65	2700K	10020	81.4	93.7	84.9	15	0.840	0.556	Base Up	10/1/2008
Efficient Lighting	Efficient Lighting	EL18GU27		18	Bare	1366.29	73.09	2700K	10020	81.9	94.4	84	19	1.170	0.559	Base Down	10/1/2008
Efficient Lighting	Efficient Lighting	EL18GU27		18	Bare	1382.56	74.09	2700K	10020	81.89	95.63	86.79	15	1.040	0.556	50%Up/50%Down	10/1/2008

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Efficient Lighting	Efficient Lighting	EL18GU27		18	Bare	1380.933	74.096	2700K	10020	81.66	94.4	89.385	20	1.170	0.558	Horizontal	10/1/2008
Efficient Lighting	Efficient Lighting	EL18GU41		18	Bare	1379.06	75.96	4100K	10020	84.39	95.46	90.16	32	0.700	0.558	Base Up	12/23/2008
Efficient Lighting	Efficient Lighting	EL18GU41		18	Bare	1255.28	73.81	4100K	10020	83.61	95.04	88.47	28	0.590	0.553	Base Down	12/23/2008
Efficient Lighting	Efficient Lighting	EL18GU41		18	Bare	1312.48	74.68	4100K	10020	83.95	95.22	89.17	32	0.610	0.558	50%Up/50%Down	12/23/2008
Efficient Lighting	Efficient Lighting	EL18GU41		18	Bare	1312.756	76.298	4100K	10020	83.64	97.054	89.82	21	0.802	0.548	Horizontal	12/23/2008
Efficient Lighting	Efficient Lighting	EL23GU27		23	Bare	1775.91	73.01	2700K	10020	82.6	97.15	91.27	16	0.920	0.569	Base Up	10/1/2008
Efficient Lighting	Efficient Lighting	EL23GU27		23	Bare	1676.59	72.17	2700K	10020	81.87	97.09	91.05	18	0.910	0.566	Base Down	10/1/2008
Efficient Lighting	Efficient Lighting	EL23GU27		23	Bare	1718.75	72.32	2700K	10020	82.1	97.5	91.27	16	0.880	0.569	50%Up/50%Down	10/1/2008
Efficient Lighting	Efficient Lighting	EL23GU27		23	Bare	1687.522	72.726	2700K	10020	81.71	96.441	89.175	16	0.662	0.789	Horizontal	10/1/2008
Efficient Lighting	Efficient Lighting	EL23GU41		23	Bare	1657.08	73.07	4100K	10020	83.51	96.11	90.09	26	0.780	0.563	Base Up	12/23/2008
Efficient Lighting	Efficient Lighting	EL23GU41		23	Bare	1588.73	72.57	4100K	10020	83.08	93.52	89.07	22	0.620	0.562	Base Down	12/23/2008
Efficient Lighting	Efficient Lighting	EL23GU41		23	Bare	1621.15	72.57	4100K	10020	83.23	95.23	90.16	26	0.700	0.563	50%Up/50%Down	12/23/2008
Efficient Lighting	Efficient Lighting	EL23GU41		23	Bare	1606.875	74.738	4100K	10020	82.45	97.158	90.158	23	0.738	0.555	Horizontal	12/23/2008
EIKO Ltd.	EIKO	SP15G25/27K-GU24		15	Covered	748	51.05	2700K	10000	82.23	93.32	87.27	836	1.520	0.56	50%Up/50%Down	7/26/2011
EIKO Ltd.	EIKO	SP15A/27K-GU24		15	Covered	862	59.8	2700K	10000	82	93.3	84	87	0.750	0.56	50%Up/50%Down	7/26/2011
EIKO Ltd.	EIKO	SP11A/27K-GU24		11	Covered	600.52	54.9	2700K	10000	82.5	92.82	85.2	73	0.400	0.584	50%Up/50%Down	7/26/2011
EIKO Ltd.	EIKO	SP13/27K-GU24-DIM		13	Dimmable	810	61.4	2700K	10000	83.1	92.3	83.3	390	0.530	0.699	50%Up/50%Down	7/26/2011
EIKO Ltd.	EIKO	SP15/R30/27K-GU24		15	Reflector	693	48.5	2700K	10000	84	92.2	84.7	144	1.100	0.56	50%Up/50%Down	7/26/2011
Energetic Lighting Inc.	Energetic Lighting Inc.	E151GU-19SC		19	Bare	1265	69.9	4100K	10000	81.7	92.7	85	526.2	0.66	0.54	50%Up/50%Down	2/15/2010
Energetic Lighting Inc.	Energetic Lighting Inc.	E151GU-19SW		19	Bare	1297	70.1	2700K	10000	82.6	94.6	88.5	537.4	0.92	0.54	50%Up/50%Down	2/15/2010
Energetic Lighting Inc.	Energetic Lighting Inc.	E151GU-23SC		23	Bare	1678	78	4100K	10000	80.9	92.2	83.2	4.5	0.8	0.56	50%Up/50%Down	1/5/2010
Energetic Lighting Inc.	Energetic Lighting Inc.	E151GU-23SW		23	Bare	1580	73.8	2700K	10000	81.7	93.7	86.1	370	1.1	0.56	50%Up/50%Down	1/19/2010
Energetic Lighting Inc.	Energetic Lighting Inc.	E153GU-13SC		13	Bare	899	73.1	4100K	10000	82.7	92.3	83.6	279.8	0.65	0.55	50%Up/50%Down	7/26/2010
Energetic Lighting Inc.	Energetic Lighting Inc.	E153GU-13SW		13	Bare	939	71.1	2700K	10000	83	94.6	82	67.2	0.8	0.59	50%Up/50%Down	6/22/2010
Espen Technology Inc.	Espen	VE11AGU27		11	Covered	620	58.8	2700K	10000	83	91.57	80.6	75	0.483	0.59	Base Up	10/29/2008
Espen Technology Inc.	Espen	VE13SGUX27		13	Bare	901.41	70.61	2700K	10000	81.98	92.45	82.82	183	0.600	0.53	Base Up	10/29/2008
Espen Technology Inc.	Espen	VE13SGUX41		13	Bare	901.41	70.61	4100K	10000	81.98	92.23	82.03	183	0.600	0.53	Base Up	10/29/2008
Espen Technology Inc.	Espen	VE18SGUX27		18	Bare	1354.99	67.02	2700K	10000	81.86	92.49	82.64	157	0.517	0.55	Base Up	10/29/2008
Espen Technology Inc.	Espen	VE26SGUX27		26	Bare	1759.6	70.4	2700K	10000	81.41	91.83	82.15	342	0.633	0.52	Base Up	10/29/2008
Exceedlite Ltd.	ExceedLite	EL 13W/MSL/GU24		13	Bare	910.34	65.61	2700K	10020	82.26	97.7	92.29	17	0.370	0.601	50%Up/50%Down	6/16/2011
Exceedlite Ltd.	ExceedLite	EL 18W/MSL/GU24		18	Bare	1382.56	74.09	2700K	10020	81.89	95.63	86.79	15	1.040	0.556	50%Up/50%Down	6/16/2011
Exceedlite Ltd.	ExceedLite	EL 23W/MSL/GU24		23	Bare	1718.75	72.32	2700K	10020	82.1	97.5	91.27	16	0.880	0.569	50%Up/50%Down	6/16/2011

Organization Name	Brand	Model	Retail Product Number(s)	Wattage /3-Way Wattage (watts)	Model Type	Light Output (Lumens)	Lumens per Watt	Color Temperature (Kelvin)	Bulb Life (Hours)	Lamp Color Rendering Index	1,000-hour Lumen Maintenance	Lumen Maintenance	Lamp Start Time (ms)	Run-Up Time (min)	Power Factor	Testing Orientation	Date Qualified
Exceedlite Ltd.	ExceedLite	EL 27W/MSL/GU24		27	Bare	1903.85	75.9	2700K	10000	82.4	96	88.33	9	0.510	0.582	50%Up/50%Down	6/16/2011
Feit Electric	Feit Electric	BPESL13T/GU24/4		13	Bare	944.85	72.58	2700K	10000	83.06	93.83	85.44	163	0.467	0.57	50%Up/50%Down	6/9/2010
Feit Electric	Feit Electric	BPESL13T/GU24/CAN		13	Bare	944.85	72.58	2700K	10000	83.06	93.83	85.44	163	0.467	0.57	50%Up/50%Down	11/3/2010
Feit Electric	Feit Electric	BPESL18TM/GU24		18	Bare	1112.23	67.97	2700K	10000	83.09	94.51	84.18	141	0.483	0.59	50%Up/50%Down	1/26/2009
Feit Electric	Feit Electric	BPESL23TM/GU24		23	Bare	1632.96	72.63	2700K	10000	83.24	94.48	82.35	141	0.533	0.59	50%Up/50%Down	1/26/2009
Feit Electric	Feit Electric	BPESL23TM/GU24/CAN		23	Bare	1632.96	72.63	2700K	10000	83.24	94.48	82.35	141	0.533	0.59	50%Up/50%Down	11/3/2010
Feit Electric	Feit Electric	ESL13T/GU24		13	Bare	944.85	72.58	2700K	10000	83.06	93.83	85.44	163	0.467	0.57	50%Up/50%Down	8/28/2008
Feit Electric	Feit Electric	ESL13T/GU24 30K		13	Bare	923.09	71.7	3000K	10000	84.9	96.6	86.4	885	0.500	0.581	50%Up/50%Down	12/18/2009
Feit Electric	Feit Electric	ESL18T/GU24		18	Bare	1112.23	67.97	2700K	10000	83.09	94.51	84.18	141	0.483	0.59	50%Up/50%Down	8/28/2008
Feit Electric	Feit Electric	ESL18TM/GU24		18	Bare	1112.23	67.97	2700K	10000	83.09	94.51	84.18	141	0.483	0.59	50%Up/50%Down	1/26/2009
Feit Electric	Feit Electric	ESL23T/GU24		23	Bare	1632.96	72.63	2700K	10000	83.24	94.48	82.35	141	0.533	0.59	50%Up/50%Down	8/28/2008
Feit Electric	Feit Electric	ESL23TM/GU24		23	Bare	1632.96	72.63	2700K	10000	83.24	94.48	82.35	141	0.533	0.59	50%Up/50%Down	1/26/2009
Feit Electric	Feit Electric	ESL23TM/GU24 30K		23	Bare	1611.39	70.7	3000K	10000	84.7	96.3	87.1	8	0.500	0.568	50%Up/50%Down	12/18/2009
Feit Electric	Feit Electric	ESL27TM/GU24 30K		27	Bare	1814.19	71.6	3000K	10000	83.7	96.2	84.7	6	0.500	0.578	50%Up/50%Down	12/18/2009
Feit Electric	Feit Electric	LBP13T/GU24		13	Bare	944.85	72.58	2700K	10000	83.06	93.83	85.44	163	0.467	0.57	50%Up/50%Down	4/15/2011
Feit Electric	Feit Electric	LBP23TM/GU24		23	Bare	1632.96	72.63	2700K	10000	83.24	94.48	82.35	141	0.533	0.59	50%Up/50%Down	4/15/2011
Foshan Electrical and Lighting Co., L	FSL	ELS-MGU2415		15	Bare	1084	76.3	2700K	10000	82.4	92.7	81.8	9	0.670	0.58	50%Up/50%Down	10/29/2010
Foshan Electrical and Lighting Co., L	FSL	ELS-MGU2423		23	Bare	1641	74.3	2700K	10000	82	94.1	81.9	9.3	0.710	0.6	50%Up/50%Down	10/29/2010
Foshan Electrical and Lighting Co., L	FSL	ELS-MGU2413		13	Bare	876	73.6	2700K	10000	82.7	92.9	82	9	0.730	0.56	50%Up/50%Down	10/29/2010
Foshan Electrical and Lighting Co., L	FSL	ELS-MGU2423/CW		23	Bare	1600	72.7	4100K	10000	82.4	93.9	81.8	13	0.600	0.6	50%Up/50%Down	10/29/2010
Foshan Electrical and Lighting Co., L	FSL	ELS-MGU2418		18	Bare	1199	73.1	2700K	10000	81.8	92.7	82.4	9	0.710	0.58	50%Up/50%Down	10/29/2010
Foshan Electrical and Lighting Co., L	FSL	ELS-MGU2418/CW		18	Bare	1235	74	4100K	10000	81.6	94.2	81.6	10.4	0.690	0.59	50%Up/50%Down	10/29/2010
Foshan Electrical and Lighting Co., L	FSL	ELS-MGU2413/CW		13	Bare	855	72.5	4100K	10000	83.7	94.4	81.3	18.9	0.640	0.56	50%Up/50%Down	10/29/2010
Foshan Electrical and Lighting Co., L	FSL	ELS-MGU2415/CW		15	Bare	1094	76.5	4100K	10000	82.9	94.2	81.9	10	0.540	0.58	50%Up/50%Down	10/29/2010
Fujian Joinluck Electronic Enterprise	Joinluck	A-TYPE GU24 15W		15	Covered	862	59.8	2700K	10000	82	93.3	84	87	0.750	0.56	50%Up/50%Down	6/12/2009
Fujian Joinluck Electronic Enterprise	Joinluck	A-TYPE T2S GU24 11W		11	Covered	600.52	54.9	2700K	10000	82.5	92.82	85.2	73	0.400	0.584	50%Up/50%Down	10/25/2010
Fujian Joinluck Electronic Enterprise	Joinluck	GLOBE GU24 15W		15	Covered	748	51.05	2700K	10000	82.23	93.32	87.27	836	1.520	0.56	50%Up/50%Down	10/6/2008
Fujian Joinluck Electronic Enterprise	Joinluck	JLS DIMMABLE MINI GU24 13W		13	Dimmable	810	61.4	2700K	10000	83.1	92.3	83.3	390	0.530	0.699	50%Up/50%Down	10/29/2010
Fujian Joinluck Electronic Enterprise	Joinluck	JLS MINI GU24 18W		18	Bare	1222	73.95	2700K	10000	82.32	98.2	91.63	513	0.388	0.56	50%Up/50%Down	6/18/2008
Fujian Joinluck Electronic Enterprise	Joinluck	JLS MINI GU24 23W		23	Bare	1435	64.65	2700K	10000	90.72	98.03	98.03	676	0.516	0.55	50%Up/50%Down	8/13/2008
Fujian Joinluck Electronic Enterprise	Joinluck	JLS MINI GU24 26W		26	Bare	1614	66.63	2700K	10000	81.82	92.18	85.57	60	0.833	0.56	50%Up/50%Down	12/11/2008
Fujian Joinluck Electronic Enterprise	Joinluck	JLS T2 GU24 18W		18	Bare	1203.47	68.1	2700K	10000	82.4	93.31	83.28	17.5	0.325	0.592	50%Up/50%Down	1/28/2010

Organization Name	Brand	Model	Retail Product Number(s)	Wattage /3-Way Wattage (watts)	Model Type	Light Output (Lumens)	Lumens per Watt	Color Temperature (Kelvin)	Bulb Life (Hours)	Lamp Color Rendering Index	1,000-hour Lumen Maintenance	Lumen Maintenance	Lamp Start Time (ms)	Run-Up Time (min)	Power Factor	Testing Orientation	Date Qualified
Fujian Joinluck Electronic Enterprise	Joinluck	JLS T2 GU24 18W 4100K		18	Bare	1183.59	68.3	4100K	10000	84.9	92.83	82.91	22.95	0.525	0.605	50%Up/50%Down	12/20/2010
Fujian Joinluck Electronic Enterprise	Joinluck	JLS T2 GU24 23W		23	Bare	1755.8	73.6	2700K	10000	82.8	93.5	84.34	28	0.308	0.591	50%Up/50%Down	1/28/2010
Fujian Joinluck Electronic Enterprise	Joinluck	JLS T2 GU24 23W 4100K		23	Bare	1684.68	72.5	4100K	10000	84.9	92.51	81.88	10.5	0.441	0.599	50%Up/50%Down	12/20/2010
Fujian Joinluck Electronic Enterprise	Joinluck	JLS T2 GU24 26W		26	Bare	1637.08	69.9	2700K	10000	82.8	93.67	83.33	58.5	0.370	0.587	50%Up/50%Down	6/22/2010
Fujian Joinluck Electronic Enterprise	Joinluck	JLS T2 GU24 13W		13	Bare	794	64.65	2700K	10000	81.32	91.97	88.54	738	0.483	0.574	50%Up/50%Down	4/29/2008
Fujian Joinluck Electronic Enterprise	Joinluck	JLS T2 GU24 13W 3500K		13	Bare	903.14	73.4	3500K	10000	85.1	92.88	83.13	39.5	0.500	0.583	50%Up/50%Down	7/28/2009
Fujian Joinluck Electronic Enterprise	Joinluck	JLS T2 GU24 13W 4100K		13	Bare	884	72.8	4100K	10000	85	92.9	85.3	82	0.400	0.58	50%Up/50%Down	5/13/2009
Fujian Joinluck Electronic Enterprise	Joinluck	JLS T2 I GU24 13W		13	Bare	898.32	69.9	2700K	10000	82.7	92.54	85.03	46	0.375	0.587	50%Up/50%Down	8/31/2009
Fujian Joinluck Electronic Enterprise	Joinluck	JLS T2 I GU24 18W		18	Bare	1182.11	68.6	2700K	10000	82.5	93.03	83.64	33	0.300	0.594	50%Up/50%Down	1/19/2010
Fujian Joinluck Electronic Enterprise	Joinluck	JLS T2 II GU24 13W		13	Bare	803.86	65.2	2700K	10000	81.8	93.88	84.42	19.8	0.733	0.604	50%Up/50%Down	12/28/2010
Fujian Joinluck Electronic Enterprise	Joinluck	R30 GU24 15W		15	Reflector	693	48.5	2700K	10000	84	92.2	84.7	144	1.100	0.56	50%Up/50%Down	3/30/2009
GE Appliances and Lighting	General Electric	FLE10HT3/2/GU24/827	76135, 76138	10	Bare	568.87	59.7	2700K	10000	82.4	93.34	83.65	192	0.5	0.564	50%Up/50%Down	12/7/2009
GE Appliances and Lighting	General Electric	FLE15HT3/2/GU24/827	75367, 76138	15	Bare	1023.54	72.8	2700K	10000	82.1	92.74	90.21	120.5	0.5	0.561	50%Up/50%Down	12/7/2009
GE Appliances and Lighting	General Electric	FLE20HT3/2/GU24/827	76136, 76140	20	Bare	1296.2	69.2	2700K	10000	81.5	91.71	86.4	26	0.5	0.581	50%Up/50%Down	12/7/2009
GE Appliances and Lighting	General Electric	FLE26HT3/2/GU24/827	76137, 76141	26	Bare	1800.64	72.0	2700K	10000	81.1	93.04	84.81	63	0.7	0.589	50%Up/50%Down	12/7/2009
Germain Lighting Limited	T-Lite	LSMA-13W GU-24		13	Bare	910.363	68.685	2700K	10000	81.42	94.99	84.5	43	0.672	0.544	Base Down	11/25/2008
Germain Lighting Limited	T-Lite	LSMA-13W GU-24		13	Bare	999.588	72.438	2700K	10000	82.29	95.17	84.28	35	0.759	0.544	Base Up	11/25/2008
Germain Lighting Limited	T-Lite	LSMA-13W GU-24		13	Bare	945.626	69.958	2700K	10000	81.73	95.25	85.2	34	0.825	0.545	50%Up/50%Down	11/25/2008
Germain Lighting Limited	T-Lite	LSMA-9W GU-24		9	Bare	596.701	66.989	2700K	10000	82.47	94.32	84.46	22	0.526	0.521	Base Down	11/25/2008
Germain Lighting Limited	T-Lite	LSMA-9W GU-24		9	Bare	637.057	68.801	2700K	10000	82.72	93.4	82.9	25	0.695	0.527	Base Up	11/25/2008
Germain Lighting Limited	T-Lite	LSMA-9W GU-24		9	Bare	615.485	68.037	2700K	10000	82.51	94.14	83.86	25	0.681	0.519	50%Up/50%Down	11/25/2008
Germain Lighting Limited	T-Lite	LSMB-20W GU-24		20	Bare	1329.668	72.383	2700K	10000	81.09	94.69	83.7	53	0.869	0.541	Base Down	11/25/2008
Germain Lighting Limited	T-Lite	LSMB-20W GU-24		20	Bare	1531.227	75.894	2700K	10000	82.14	95.29	84.69	54	1.009	0.549	Base Up	11/25/2008
Germain Lighting Limited	T-Lite	LSMB-20W GU-24		20	Bare	1426.698	74.031	2700K	10000	81.59	95.04	84.6	55	0.987	0.55	50%Up/50%Down	11/25/2008
Germain Lighting Limited	T-Lite	LSMB-23W GU-24		23	Bare	1600.63	72.829	2700K	10000	81.53	95.25	84.85	48	0.549	0.561	Base Down	11/25/2008
Germain Lighting Limited	T-Lite	LSMB-23W GU-24		23	Bare	1742.119	74.74	2700K	10000	82.17	94.56	83.56	45	0.688	0.564	Base Up	11/25/2008
Germain Lighting Limited	T-Lite	LSMB-23W GU-24		23	Bare	1672.56	73.523	2700K	10000	81.82	95.06	84.59	46	0.694	0.564	50%Up/50%Down	11/25/2008
Global Consumer Products, Inc.	Overdrive	13W/ODSGU		13	Bare	794	64.65	2700K	10000	81.32	91.97	88.54	738	0.483	0.574	50%Up/50%Down	9/2/2008
Global Consumer Products, Inc.	Overdrive	13W/ODSGU/35K		13	Bare	884	72.8	4100K	10000	85	92.9	85.3	82	0.400	0.58	50%Up/50%Down	4/1/2010
Global Consumer Products, Inc.	Overdrive	13W/ODSGU/41K		13	Bare	884	72.8	4100K	10000	85	92.9	85.3	82	0.400	0.58	50%Up/50%Down	6/16/2009
Global Consumer Products, Inc.	Overdrive	13W/ODSGU/DIM/27K		13	Dimmable	810	61.4	2700K	10000	83.1	92.3	83.3	390	0.530	0.699	50%Up/50%Down	1/4/2011
Global Consumer Products, Inc.	Overdrive	15W/ODAGU		15	Covered	862	59.8	2700K	10000	82	93.3	84	87	0.750	0.56	50%Up/50%Down	1/26/2010

Organization Name	Brand	Model	Retail Product Number(s)	Wattage /3-Way Wattage (watts)	Model Type	Light Output (Lumens)	Lumens per Watt	Color Temperature (Kelvin)	Bulb Life (Hours)	Lamp Color Rendering Index	1,000-hour Lumen Maintenance	Lumen Maintenance	Lamp Start Time (ms)	Run-Up Time (min)	Power Factor	Testing Orientation	Date Qualified
Global Consumer Products, Inc.	Overdrive	15W/ODGGU		15	Covered	748	51.05	2700K	10000	82.23	93.32	87.27	836	1.520	0.56	50%Up/50%Down	1/9/2009
Global Consumer Products, Inc.	Overdrive	15W/ODR30GU		15	Reflector	693	48.5	2700K	10000	84	92.2	84.7	144	1.100	0.56	50%Up/50%Down	5/13/2009
Global Consumer Products, Inc.	Overdrive	18W/ODSGU		18	Bare	1222	73.95	2700K	10000	81.32	98.2	91.63	513	0.388	0.56	50%Up/50%Down	9/2/2008
Global Consumer Products, Inc.	Overdrive	18W/ODT2SGU		18	Bare	1203.47	68.1	2700K	10000	82.4	93.31	83.28	17.5	0.325	0.592	50%Up/50%Down	2/1/2010
Global Consumer Products, Inc.	Overdrive	18W/ODT2SGU/41K		18	Bare	1183.59	68.3	4100K	10000	84.9	92.83	82.91	22.95	0.525	0.605	50%Up/50%Down	1/4/2011
Global Consumer Products, Inc.	Overdrive	23W/ODSGU		23	Bare	1435	64.65	2700K	10000	81.07	98.03	98.03	676	0.516	0.55	50%Up/50%Down	8/26/2008
Global Consumer Products, Inc.	Overdrive	23W/ODT2SGU		23	Bare	1755.8	73.6	2700K	10000	82.8	93.5	84.34	28	0.308	0.591	50%Up/50%Down	2/1/2010
Global Consumer Products, Inc.	Overdrive	23W/ODT2SGU/41K		23	Bare	1684.68	72.5	4100K	10000	84.9	92.51	81.88	10.5	0.441	0.599	50%Up/50%Down	1/4/2011
Global Consumer Products, Inc.	Overdrive	26W/ODSGU		26	Bare	1614	66.63	2700K	10000	81.82	92.18	85.57	60	0.833	0.56	50%Up/50%Down	1/15/2009
Globe Electric Inc.	Globe	0112277		13	Bare	898.32	69.9	2700K	10000	82.7	92.54	85.03	46	0.375	0.587	50%Up/50%Down	10/27/2009
Globe Electric Inc.	Globe	01124		23	Bare	1435	64.65	2700K	10000	81.07	98.03	98.03	676	0.516	0.55	50%Up/50%Down	9/2/2008
Globe Electric Inc.	Globe	0112401		23	Bare	1435	64.65	2700K	10000	90.72	98.03	98.03	676	0.516	0.55	50%Up/50%Down	6/22/2009
Globe Electric Inc.	Globe	01141		13	Bare	887	64.3	4100K	10000	81.2	93.6	85.1	253.2	0.640	0.58	50%Up/50%Down	12/28/2010
Globe Electric Inc.	Globe	06620,356060, 0662088, 01122		13	Bare	794	64.65	2700K	10000	81.32	91.97	88.54	738	0.483	0.574	50%Up/50%Down	9/2/2008
Globe Electric Inc.	Globe	06622, 01123, 37227		18	Bare	1222	73.95	2700K	10000	91.63	98.2	98.2	513	0.388	0.56	50%Up/50%Down	9/2/2008
Globe Electric Inc.	Globe	07534		14	Bare	790	58.2	2700K	10000	84	91.84	81.44	57	0.500	0.55	Base Up	9/30/2008
Globe Electric Inc.	Globe	07535		14	Bare	790	58.2	4100K	10000	84	91.93	81.72	57	0.500	0.55	Base Up	9/30/2008
Globe Electric Inc.	Meijer	0112201		13	Bare	794	64.65	2700K	10000	81.32	91.97	88.54	738	0.483	0.574	50%Up/50%Down	6/22/2009
Golo Chang Co., Ltd	Golo	G241327		13	Bare	915	70.8	2700K	10000	82	95.3	84.3	5	0.500	0.55	50%Up/50%Down	7/20/2009
Golo Chang Co., Ltd	Golo	G241827		18	Bare	1258	72.1	2700K	10000	83	95.8	90.4	7.9	1.000	0.54	50%Up/50%Down	7/20/2009
Golo Chang Co., Ltd	Golo	G242327		26	Bare	1511	69.6	2700K	10000	82.3	92.8	82.3	9.8	0.490	0.56	50%Up/50%Down	8/25/2010
Golo Chang Co., Ltd	Golo	G242627		26	Bare	1614	66.63	2700K	10000	81.82	92.18	85.57	60	0.833	0.56	50%Up/50%Down	1/16/2009
Golo Chang Co., Ltd	Golo	G242627		26	Bare	1614	66.63	2700K	10000	81.82	92.18	85.57	60	0.833	0.56	50%Up/50%Down	1/16/2009
Golo Chang Co., Ltd	Golo	G242627 5000K		26	Bare	1689	68.4	5000K	10000	83.3	93.3	81.9	2.5	0.220	0.52	50%Up/50%Down	9/29/2010
Golo Chang Co., Ltd	Golo	GU241327		13	Bare	827	62.3	2700K	10000	81	95	82.9	6	0.500	0.56	50%Up/50%Down	7/20/2009
Golo Chang Co., Ltd	Golo	GU241827		18	Bare	1144	65.3	2700K	10000	82	95.7	90.4	6.5	0.900	0.54	50%Up/50%Down	7/20/2009
Golo Chang Co., Ltd	Golo	GU242627		26	Bare	1730	69.1	2700K	10000	82	94.8	87.2	18.6	1.100	0.55	50%Up/50%Down	7/20/2009
Golo Chang Co., Ltd	Golo	GU242627 5000K		26	Bare	1578	63.9	5000K	10000	81.9	93.1	81.7	2.5	0.230	0.52	50%Up/50%Down	9/29/2010
Good Earth Lighting, Inc	Good Earth Lighting	B2413-30-SP		13	Bare	923.09	71.7	3000K	10000	84.9	96.6	86.4	885	0.500	0.581	50%Up/50%Down	5/11/2011
Good Earth Lighting, Inc	Good Earth Lighting	B2413-41-SP		13	Bare	841	67.9	4100K	10000	83	93.2	85	39	0.338	0.63	50%Up/50%Down	6/10/2011
Good Earth Lighting, Inc	Good Earth Lighting	B2418-30-SP		18	Bare	1225	68.8	3000K	10000	83.5	93	84.5	47	0.317	0.533	50%Up/50%Down	6/10/2011
Good Earth Lighting, Inc	Good Earth Lighting	B2423-30-SP		23	Bare	1611.39	70.7	3000K	10000	84.7	96.3	87.1	8	0.500	0.568	50%Up/50%Down	5/11/2011

Organization Name	Brand	Model	Retail Product Number(s)	Wattage /3-Way Wattage (watts)	Model Type	Light Output (Lumens)	Lumens per Watt	Color Temperature (Kelvin)	Bulb Life (Hours)	Lamp Color Rendering Index	1,000-hour Lumen Maintenance	Lumen Maintenance	Lamp Start Time (ms)	Run-Up Time (min)	Power Factor	Testing Orientation	Date Qualified
Good Earth Lighting, Inc	Good Earth Lighting	B2423-41-SP		23	Bare	1632	73.646209	4100K	10000	84	93.6	89.1	28	1.300	0.614	50%Up/50%Down	6/10/2011
Good Earth Lighting, Inc	Good Earth Lighting	B2423-50-SP		23	Bare	1367.2	63.27	5000K	10000	82	91.5	82.3	30	0.967	0.567	50%Up/50%Down	6/10/2011
Good Earth Lighting, Inc	Good Earth Lighting	B2427-30-SP		27	Bare	1814.19	71.6	3000K	10000	83.7	96.2	84.7	6	0.500	0.578	50%Up/50%Down	5/11/2011
Good Earth Lighting, Inc	Good Earth Lighting	B2427-41-SP		27	Bare	1768	69.4	4100K	10000	84	93.15	83.4	25	0.408	0.527	50%Up/50%Down	6/10/2011
Greenlite Lighting Corporation	Greenlite	13W/ELS/GU		13	Bare	794	64.65	2700K	10000	81.32	91.97	88.54	738	0.483	0.574	50%Up/50%Down	2/1/2011
Greenlite Lighting Corporation	Greenlite	13W/ELS/GU/41K		13	Bare	884	72.8	4100K	10000	85	92.9	85.3	82	0.400	0.58	50%Up/50%Down	2/1/2011
Greenlite Lighting Corporation	Greenlite	13W/ELS/GU/DIM		13	Dimmable	810	61.4	2700K	10000	83.1	92.3	83.3	390	0.530	0.699	50%Up/50%Down	2/1/2011
Greenlite Lighting Corporation	Greenlite	13W/ELS-GU		14	Bare	948.5	68.14	2700K	10000	80.7	96.1	89.07	538	0.980	0.562	50%Up/50%Down	7/28/2009
Greenlite Lighting Corporation	Greenlite	13W/ELS-GU/41K		14	Bare	834.7	60.3	4100K	10000	81.622	96.4	82.4	22.3	0.516	0.598	50%Up/50%Down	9/29/2010
Greenlite Lighting Corporation	Greenlite	15W/ELR30/GU		15	Reflector	693	48.5	2700K	10000	84	92.2	84.7	144	1.100	0.56	50%Up/50%Down	1/19/2010
Greenlite Lighting Corporation	Greenlite	15W/ELX/GU		15	Covered	862	59.8	2700K	10000	82	93.3	84	87	0.750	0.56	50%Up/50%Down	1/19/2010
Greenlite Lighting Corporation	Greenlite	18W/ELS/GU		18	Bare	1182.11	68.6	2700K	10000	82.5	93.03	83.64	33	0.300	0.594	50%Up/50%Down	2/1/2011
Greenlite Lighting Corporation	Greenlite	18W/ELS/GU/41K		18	Bare	1183.59	68.3	4100K	10000	84.9	92.83	82.91	22.95	0.525	0.605	50%Up/50%Down	2/1/2011
Greenlite Lighting Corporation	Greenlite	18W/ELS-GU		19	Bare	1266.3	69.41	2700K	10000	80.8	94.46	83.22	110.5	0.950	0.53	50%Up/50%Down	7/28/2009
Greenlite Lighting Corporation	Greenlite	20W/ELS-GU		19	Bare	1266.3	69.41	2700K	10000	80.8	94.46	83.22	110.5	0.950	0.53	50%Up/50%Down	1/11/2011
Greenlite Lighting Corporation	Greenlite	23W/ELS/GU		23	Bare	1755.8	73.6	2700K	10000	82.8	93.5	84.34	28	0.308	0.591	50%Up/50%Down	2/1/2011
Greenlite Lighting Corporation	Greenlite	23W/ELS/GU/41K		23	Bare	1684.68	72.5	4100K	10000	84.9	92.51	81.88	10.5	0.441	0.599	50%Up/50%Down	2/1/2011
Greenlite Lighting Corporation	Greenlite	23W/ELS-GU/41K		23	Bare	1654.4	73.5	4100K	10000	81.4	94.7	84.7	88	0.650	0.557	50%Up/50%Down	9/29/2010
Greenlite Lighting Corporation	Greenlite	26W/ELS/GU		26	Bare	1637.08	69.9	2700K	10000	82.8	93.67	83.33	58.5	0.370	0.587	50%Up/50%Down	2/1/2011
Greenlite Lighting Corporation	Greenlite	26W/ELS-GU		26	Bare	1728	70	2700K	12000	80	98.9	84.9	244.3	0.560	0.52	50%Up/50%Down	9/29/2010
Greenlite Lighting Corporation	Greenlite	9W/ELS-GU/41K		9	Bare	474.49	58.6	4100K	10000	83.2	95.2	82.5	19	0.500	0.57	50%Up/50%Down	9/29/2010
Halco Lighting Technologies	ProLume	CFL13/27/GU24		13	Bare	794	64.65	2700K	10000	81.32	91.97	88.54	738	0.483	0.574	50%Up/50%Down	12/23/2010
Halco Lighting Technologies	ProLume	CFL13/27/GU24/DIM		13	Dimmable	810	61.4	2700K	10000	83.1	92.3	83.3	390	0.530	0.699	50%Up/50%Down	1/11/2011
Halco Lighting Technologies	ProLume	CFL13/35/GU24		13	Bare	903.14	73.4	3500K	10000	85.1	92.88	83.13	39.5	0.500	0.583	50%Up/50%Down	11/2/2010
Halco Lighting Technologies	ProLume	CFL13/41/GU24		13	Bare	884	72.8	4100K	10000	85	92.9	85.3	82	0.400	0.58	50%Up/50%Down	2/1/2010
Halco Lighting Technologies	ProLume	CFL15/27/A19/GU24		15	Covered	862	59.8	2700K	10000	82	93.3	84	87	0.750	0.56	50%Up/50%Down	10/21/2009
Halco Lighting Technologies	ProLume	CFL15/27/G25/GU24		15	Covered	748	51.05	2700K	10000	82.23	93.32	87.27	836	1.520	0.56	50%Up/50%Down	10/6/2008
Halco Lighting Technologies	ProLume	CFL15/27/R30/GU24		15	Reflector	693	48.5	2700K	10000	84	92.2	84.7	144	1.100	0.56	50%Up/50%Down	3/30/2009
Halco Lighting Technologies	ProLume	CFL18/27/GU24		18	Bare	1203.47	68.1	2700K	10000	82.4	93.31	83.28	17.5	0.325	0.592	50%Up/50%Down	12/23/2010
Halco Lighting Technologies	ProLume	CFL18/41/GU24		18	Bare	1183.59	68.3	4100K	10000	84.9	92.83	82.91	22.95	0.525	0.605	50%Up/50%Down	12/23/2010
Halco Lighting Technologies	ProLume	CFL23/27/GU24		23	Bare	1755.8	73.6	2700K	10000	82.8	93.5	84.34	28	0.308	0.591	50%Up/50%Down	12/23/2010
Halco Lighting Technologies	ProLume	CFL23/41/GU24		23	Bare	1684.68	72.5	4100K	10000	84.9	92.51	81.88	10.5	0.441	0.599	50%Up/50%Down	12/23/2010



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Halco Lighting Technologies	ProLume	CFL26/27/GU24		26	Bare	1614	66.63	2700K	10000	81.82	92.18	85.57	60	0.833	0.56	50%Up/50%Down	1/7/2009
Halco Lighting Technologies	ProLume	PL13SE/27/GU24		13	Bare	794	64.65	2700K	10000	81.32	91.97	88.54	738	0.483	0.574	50%Up/50%Down	9/30/2008
Halco Lighting Technologies	ProLume	PL18SE/27/GU24		18	Bare	1222	73.95	2700K	10000	82.32	98.2	91.63	513	0.388	0.56	50%Up/50%Down	9/30/2008
Halco Lighting Technologies	ProLume	PL23SE/27/GU24		23	Bare	1435	64.65	2700K	10000	90.72	98.03	98.03	676	0.516	0.55	50%Up/50%Down	9/30/2008
Hengdian Group Tospo Lighting Co.,	Tospo	137143		18	Bare	1235.88	71.4	3000K	10000	82.6	95.63	86.7	11	0.640	0.56	50%Up/50%Down	6/30/2010
Hengdian Group Tospo Lighting Co.,	Tospo	137972		13	Bare	960.53	72.6	3000K	10000	83.9	95.66	88.71	9.7	0.682	0.586	50%Up/50%Down	1/28/2010
Hengdian Group Tospo Lighting Co.,	Tospo	138464		23	Bare	960.53	75.3	3000K	10000	83.2	97.08	87.74	8	1.000	0.563	50%Up/50%Down	1/28/2010
Hengdian Group Tospo Lighting Co.,	Tospo	140681		13	Bare	955	65.9	4100K	10000	83.8	97	85.3	89.4	1.100	0.59	Base Up	9/22/2009
Hengdian Group Tospo Lighting Co.,	Tospo	140681		13	Bare	947	66.7	4100K	10000	83.5	95.4	83.8	89.4	1.100	0.59	Horizontal	9/22/2009
Hengdian Group Tospo Lighting Co.,	Tospo	140682		13	Bare	969	70.2	2700K	10000	80.8	95.6	87.9	8.5	0.840	0.58	50%Up/50%Down	9/22/2009
Hengdian Group Tospo Lighting Co.,	Tospo	140682		13	Bare	967	70.1	2700K	10000	80.8	95.4	86.6	8.2	0.900	0.59	Base Down	9/22/2009
Hengdian Group Tospo Lighting Co.,	Tospo	140682		13	Bare	1004	70.7	2700K	10000	81.1	95	88.5	9.5	0.780	0.58	Base Up	9/22/2009
Hengdian Group Tospo Lighting Co.,	Tospo	140682		13	Bare	963	69.8	2700K	10000	80.5	94.9	86.8	9.5	0.780	0.59	Horizontal	9/22/2009
Hengdian Group Tospo Lighting Co.,	Tospo	141569		13	Bare	924.57	65.9	3000K	10030	82.1	94.63	87.89	13	0.900	0.587	50%Up/50%Down	2/1/2010
Hengdian Group Tospo Lighting Co.,	Tospo	143607		27	Bare	1903.85	75.9	2700K	10000	82.4	96	88.33	9	0.510	0.582	50%Up/50%Down	7/26/2010
Hengdian Group Tospo Lighting Co.,	Tospo	144840		23	Bare	1557.64	71.4	6500K	10000	82.8	94.45	85.93	10	0.550	0.561	50%Up/50%Down	7/26/2010
Hengdian Group Tospo Lighting Co.,	Tospo	136570		11	Bare	751.8	65.79	2700K	10020	82.27	92.346	87.286	16	0.306	0.586	Base Up	2/29/2008
Hengdian Group Tospo Lighting Co.,	Tospo	136570		11	Bare	696.66	63.94	2700K	10000	81.53	92.66	86.626	18	0.247	0.587	Base Down	2/29/2008
Hengdian Group Tospo Lighting Co.,	Tospo	136570		11	Bare	721.33	64.54	2700K	10020	81.78	95.28	87.33	16	0.290	0.586	50%Up/50%Down	8/13/2008
Hengdian Group Tospo Lighting Co.,	Tospo	136570		11	Bare	710.776	64.711	2700K	10020	90.19	96.337	96.337	26	0.710	0.584	Horizontal	8/13/2008
Hengdian Group Tospo Lighting Co.,	Tospo	136571		13	Bare	909.71	65.82	2700K	10020	82.38	92.205	91.84	16.7	0.340	0.601	Base Up	2/29/2008
Hengdian Group Tospo Lighting Co.,	Tospo	136571		13	Bare	903.03	64.95	2700K	10020	83.04	95.277	92.055	17.3	0.400	0.586	Base Down	2/29/2008
Hengdian Group Tospo Lighting Co.,	Tospo	136571		13	Bare	910.34	65.61	2700K	10020	82.26	97.7	92.29	17	0.370	0.601	50%Up/50%Down	8/13/2008
Hengdian Group Tospo Lighting Co.,	Tospo	136571		13	Bare	903.846	66.234	2700K	10020	81.5	96.438	90.19	26	0.730	0.584	Horizontal	8/13/2008
Hengdian Group Tospo Lighting Co.,	Tospo	136927		18	Bare	1348.86	74.65	2700K	10020	81.4	93.7	84.9	15	0.840	0.556	Base Up	2/29/2008
Hengdian Group Tospo Lighting Co.,	Tospo	136927		18	Bare	1366.29	73.09	2700K	10020	81.9	94.4	84	19	1.170	0.559	Base Down	2/29/2008
Hengdian Group Tospo Lighting Co.,	Tospo	136927		18	Bare	1382.56	74.09	2700K	10020	81.89	95.63	86.79	15	1.040	0.556	50%Up/50%Down	8/13/2008
Hengdian Group Tospo Lighting Co.,	Tospo	136927		18	Bare	1380.933	74.096	2700K	10020	81.66	94.4	89.385	20	1.170	0.558	Horizontal	8/13/2008
Hengdian Group Tospo Lighting Co.,	Tospo	136935		23	Bare	1775.91	73.01	2700K	10020	82.6	97.15	91.27	16	0.920	0.569	Base Up	2/29/2008
Hengdian Group Tospo Lighting Co.,	Tospo	136935		23	Bare	1676.59	72.17	2700K	10020	81.87	97.09	91.05	18	0.910	0.566	Base Down	2/29/2008
Hengdian Group Tospo Lighting Co.,	Tospo	136935		23	Bare	1718.75	72.32	2700K	10020	82.1	97.5	91.27	16	0.880	0.569	50%Up/50%Down	8/13/2008
Hengdian Group Tospo Lighting Co.,	Tospo	136935		23	Bare	1687.522	72.726	2700K	10020	81.71	96.441	89.175	16	0.662	0.789	Horizontal	8/13/2008

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Hengdian Group Tospo Lighting Co.,	Tospo	136987		13	Bare	1040.93	71.24	4100K	10020	84.6	97.74	94.23	25	0.630	0.59	Base Up	8/13/2008
Hengdian Group Tospo Lighting Co.,	Tospo	136987		13	Bare	967.15	69.69	4100K	10020	83.57	96.29	91.1	20	0.530	0.587	Base Down	8/13/2008
Hengdian Group Tospo Lighting Co.,	Tospo	136987		13	Bare	1006.73	70.45	4100K	10020	84.1	97.48	94.01	25	0.560	0.59	50%Up/50%Down	8/13/2008
Hengdian Group Tospo Lighting Co.,	Tospo	136987		13	Bare	1687.522	72.726	4100K	10020	81.71	96.441	89.175	16	0.662	0.583	Horizontal	8/13/2008
Hengdian Group Tospo Lighting Co.,	Tospo	137339		18	Bare	1379.06	75.96	4100K	10020	84.39	95.46	90.16	32	0.700	0.558	Base Up	8/13/2008
Hengdian Group Tospo Lighting Co.,	Tospo	137339		18	Bare	1255.28	73.81	4100K	10020	83.61	95.04	88.47	28	0.590	0.553	Base Down	8/13/2008
Hengdian Group Tospo Lighting Co.,	Tospo	137339		18	Bare	1312.48	74.68	4100K	10020	83.95	95.22	89.17	32	0.610	0.558	50%Up/50%Down	8/13/2008
Hengdian Group Tospo Lighting Co.,	Tospo	137339		18	Bare	1312.756	76.298	4100K	10020	83.64	97.054	89.82	21	0.802	0.548	Horizontal	8/13/2008
Hengdian Group Tospo Lighting Co.,	Tospo	137340		23	Bare	1657.08	73.07	4100K	10020	83.51	96.11	90.09	26	0.780	0.563	Base Up	8/13/2008
Hengdian Group Tospo Lighting Co.,	Tospo	137340		23	Bare	1588.73	72.57	4100K	10020	83.08	93.52	89.07	22	0.620	0.562	Base Down	8/13/2008
Hengdian Group Tospo Lighting Co.,	Tospo	137340		23	Bare	1621.15	72.57	4100K	10020	83.23	95.23	90.16	26	0.700	0.563	50%Up/50%Down	8/13/2008
Hengdian Group Tospo Lighting Co.,	Tospo	137340		23	Bare	1606.875	74.738	4100K	10020	82.45	97.158	90.158	23	0.738	0.555	Horizontal	8/13/2008
Hengdian Group Tospo Lighting Co.,	Tospo	140681		13	Bare	945	66.5	4100K	10000	83.7	96.8	85	95.6	1.010	0.58	50%Up/50%Down	9/22/2009
Hengdian Group Tospo Lighting Co.,	Tospo	140681		13	Bare	944	66.5	4100K	10000	83.7	96.2	84.6	102.4	0.900	0.59	Base Down	9/22/2009
Hengdian Group Tospo Lighting Co.,	Tospo	150111		13	Bare	975.54	69.9	2700K	10000	83.1	95.17	87.07	9	0.390	0.646	50%Up/50%Down	12/20/2010
Hengdian Group Tospo Lighting Co.,	Tospo	150112		18	Bare	1300.25	68.1	2700K	10000	82	93.9	85.6	9	0.390	0.657	50%Up/50%Down	12/20/2010
Hengdian Group Tospo Lighting Co.,	Tospo	150113		23	Bare	1615.6	69.2	2700K	10000	81	96.22	85.7	11	0.510	0.666	50%Up/50%Down	12/20/2010
Hengdian Group Tospo Lighting Co.,	Meijer	ET13MSL24		13	Bare	910.34	65.61	2700K	10020	82.26	97.7	92.29	17	0.370	0.601	50%Up/50%Down	8/3/2011
Yellow Energy	Biltmore	13W-T3-GU24-27K		13	Bare	910.34	65.61	2700K	10020	82.26	97.7	92.29	17	0.370	0.601	50%Up/50%Down	8/1/2011
Yellow Energy	Biltmore	18W-T3-GU24-27K		18	Bare	1382.56	74.09	2700K	10020	81.89	95.63	86.79	15	1.040	0.556	50%Up/50%Down	8/1/2011
Yellow Energy	Biltmore	23W-T3-GU24-27K		23	Bare	1718.75	72.32	2700K	10020	82.1	97.5	91.27	16	0.880	0.569	50%Up/50%Down	8/1/2011
Homelite Limited	Homelite	HLT2GU13W/4100K		13	Bare	887	64.3	4100K	10000	81.2	93.6	85.1	253.2	0.640	0.58	50%Up/50%Down	12/28/2010
Homelite Limited	Homelite	HLT2GU23W/2700K		23	Bare	1566	74.6	2700K	10000	80.7	92.4	84.5	11.3	0.480	0.55	50%Up/50%Down	12/28/2010
Homelite Limited	Homelite	HLT2GU18W/2700K		18	Bare	1177	68.4	2700K	10000	81	94	84.1	8.8	0.400	0.57	50%Up/50%Down	12/28/2010
Homelite Limited	Homelite	HLT2GU13W/2700K		13	Bare	883	67.9	2700K	10000	81.7	93.2	85.3	9.6	0.450	0.59	50%Up/50%Down	12/28/2010
Homelite Limited	Homelite	HLT3GU09W/2700K		9	Bare	680.02	70.23	2700K	10000	81.51	93.65	84.7	21	0.998	0.55	50%Up/50%Down	12/17/2008
Homelite Limited	Homelite	HLT3GU09W/5000K		9	Bare	647.516	66.279	5000K	10000	84.65	93.39	83.13	16	0.766	0.553	50%Up/50%Down	12/17/2008
Homelite Limited	Homelite	HLT3GU13W/2700K		13	Bare	931.065	69.367	2700K	10000	81.89	93.14	83.7	16	0.764	0.582	50%Up/50%Down	12/17/2008
Homelite Limited	Homelite	HLT3GU13W/5000K		13	Bare	916.014	68.963	5000K	10000	84.72	91.62	82.4	16	0.700	0.582	50%Up/50%Down	12/17/2008
Homelite Limited	Homelite	HLT3GU15W/2700K		15	Bare	981.086	70.007	2700K	10000	82.78	93.74	84.88	29	1.019	0.588	50%Up/50%Down	12/17/2008
Homelite Limited	Homelite	HLT3GU15W/5000K		15	Bare	911.211	65.186	5000K	10000	84.54	93.84	85.23	34	1.178	0.588	50%Up/50%Down	12/17/2008
Homelite Limited	Homelite	HLT3GU20W/2700K		20	Bare	1344.67	74.68	2700K	10000	81.98	93.77	83.64	34	1.210	0.575	50%Up/50%Down	12/17/2008

Organization Name	Brand	Model	Retail Product Number(s)	Wattage /3-Way Wattage (watts)	Model Type	Light Output (Lumens)	Lumens per Watt	Color Temperature (Kelvin)	Bulb Life (Hours)	Lamp Color Rendering Index	1,000-hour Lumen Maintenance	Lumen Maintenance	Lamp Start Time (ms)	Run-Up Time (min)	Power Factor	Testing Orientation	Date Qualified
Homelite Limited	Homelite	HLT3GU20W/5000K		20	Bare	1244.878	68.76	5000K	10000	83.13	93.82	83.92	26	0.962	0.576	50%Up/50%Down	12/17/2008
Homelite Limited	Homelite	HLT3GU23W/2700K		23	Bare	1633.89	76.105	2700K	10000	81.15	92.14	82.76	26	0.942	0.557	50%Up/50%Down	12/17/2008
Homelite Limited	Homelite	HLT3GU23W/5000K		23	Bare	1614.579	75.995	5000K	10000	83.61	92.14	82.52	22	0.798	0.557	50%Up/50%Down	12/17/2008
Homelite Limited	Homelite	HLT3GU26W/2700K		26	Bare	1732.58	76.64	2700K	10000	81.35	92.71	82.29	26	0.899	0.567	50%Up/50%Down	12/17/2008
Homelite Limited	Homelite	HLT3GU26W/5000K		26	Bare	1633.57	70.47	5000K	10000	83.4	92.56	82.03	24	1.054	0.568	50%Up/50%Down	12/17/2008
Jiangxi Midea Guiya Green Lighting E	Midea	GYS13GU/2700K		13	Bare	802	66.8	2700K	10000	82.2	95.6	82.1	7.8	0.480	0.53	50%Up/50%Down	12/28/2010
Jiangxi Midea Guiya Green Lighting E	Midea	GYS13GU/4100K		13	Bare	813	67.2	4100K	10000	81.8	95.2	81.8	7.8	0.460	0.53	50%Up/50%Down	12/28/2010
Jiangxi Midea Guiya Green Lighting E	Midea	GYS18GU/2700K		18	Bare	1379	80.2	2700K	10000	82.4	95	82.3	11.8	0.600	0.54	50%Up/50%Down	12/28/2010
Jiangxi Midea Guiya Green Lighting E	Midea	GYS18GU/4100K		18	Bare	1303	75.8	4100K	10000	82.6	95.8	82	11	0.470	0.54	50%Up/50%Down	12/28/2010
Jiangxi Midea Guiya Green Lighting E	Midea	GYS26GU/2700K		26	Bare	1849	77.7	2700K	10000	82.1	95.5	81.9	9.6	0.610	0.57	50%Up/50%Down	12/28/2010
Jiangxi Midea Guiya Green Lighting E	Midea	GYS26GU/4100K		26	Bare	1732	73.8	4100K	10000	82.2	95.5	82.8	10.9	0.670	0.57	50%Up/50%Down	12/28/2010
Jiangxi Midea Guiya Green Lighting E	GUIYA /MIDEA	GYT4S32GU24/2700K		32	Bare	2276	76.4	2700K	10000	82.4	96	87.2	30	0.520	0.55	50%Up/50%Down	1/12/2010
Jiangxi Midea Guiya Green Lighting E	GUIYA /MIDEA	GYT4S42GU24/2700K		42	Bare	2703	70.6	2700K	10000	82.2	94.5	84.8	30.5	0.510	0.56	50%Up/50%Down	1/12/2010
Jiangxi Supersun Technology Lighting	SUPERSUN	SPS T3 13GUS		13	Bare	900	71.4	2700K	10000	82.1	93.7	81.7	14	0.410	0.55	50%Up/50%Down	6/22/2010
Jiangxi Supersun Technology Lighting	SUPERSUN	SPS T3 18GUS		18	Bare	1276	73.8	2700K	10000	81.8	93.2	81.5	12.6	0.820	0.55	50%Up/50%Down	6/22/2010
Jiangxi Supersun Technology Lighting	SUPERSUN	SPS T3 23GUS		23	Bare	1614	72.7	2700K	10000	81.1	93.1	82.3	7.5	0.350	0.57	50%Up/50%Down	6/22/2010
Leedaron Lighting (Xiamen) Co., Ltd	LEELITE	NHSCT13		13	Bare	821	63.2	2700K	10000	81.2	92.5	82.2	9.1	0.780	0.56	Base Down	6/22/2010
Leedaron Lighting (Xiamen) Co., Ltd	LEELITE	NHSCT13		13	Bare	827	62.2	2700K	10000	81.4	93.9	82.5	6.3	0.820	0.56	Base Up	9/10/2009
Leedaron Lighting (Xiamen) Co., Ltd	LEELITE	NHSSR18		18	Bare	1369.08	70.81	2700K	10000	80.64	92.25	84.57	23	0.840	0.583	Base Up	10/17/2008
Leedaron Lighting (Xiamen) Co., Ltd	LEELITE	NHSSR18		18	Bare	1242.66	66.67	2700K	10000	81.46	92.52	84.36	23	0.690	0.58	Base Down	10/17/2008
Leedaron Lighting (Xiamen) Co., Ltd	LEELITE	NHSSR18CT		18	Bare	1431.26	74.58	4100K	10000	85.89	93.84	84.22	26	0.840	0.582	Base Up	10/17/2008
Leedaron Lighting (Xiamen) Co., Ltd	LEELITE	NHSSR18CT		18	Bare	1249.31	68.72	4100K	10000	85.3	93.7	83.88	22	0.690	0.584	Base Down	10/17/2008
Leedaron Lighting (Xiamen) Co., Ltd	LEELITE	NHSSR23		23	Bare	1703.94	72.23	2700K	10000	81.4	94.6	82.7	46	0.570	0.628	Base Up	5/15/2008
Leedaron Lighting (Xiamen) Co., Ltd	LEELITE	NHSSR23		23	Bare	1508.2	68.863	2700K	10000	80.7	93.8	93.8	50.67	0.590	0.607	Base Down	5/15/2008
Leedaron Lighting (Xiamen) Co., Ltd	LEELITE	NHSSR23CT		23	Bare	1720.747	74.699	4100K	10000	86.32	94.56	84.59	20	0.955	0.568	Base Up	10/17/2008
Leedaron Lighting (Xiamen) Co., Ltd	LEELITE	NHSSR23CT		23	Bare	1625.165	76.138	4100K	10000	85.71	94.81	84.57	25	0.818	0.566	Base Down	10/17/2008
Leedaron Lighting (Xiamen) Co., Ltd	LEELITE	NHSSR26 (2700K)		26	Bare	1721.822	66.015	2700K	10000	81.04	91.85	82.16	41	0.604	0.572	Base Up	10/27/2008
Leedaron Lighting (Xiamen) Co., Ltd	LEELITE	NHSSR26 (2700K)		26	Bare	1710.013	67.356	2700K	10000	81.17	93.01	82.31	36	0.678	0.576	Base Down	10/27/2008
Leedaron Lighting (Xiamen) Co., Ltd	LEELITE	NHSSR26 (4100K)		26	Bare	1705.145	66.323	4100K	10000	81.87	92.97	82.48	44	0.556	0.575	Base Up	10/27/2008
Leedaron Lighting (Xiamen) Co., Ltd	LEELITE	NHSSR26 (4100K)		26	Bare	1703.953	66.333	4100K	10000	82.61	92.97	81.88	44	0.556	0.575	Base Down	10/27/2008
Leedaron Lighting (Xiamen) Co., Ltd	LEELITE	NHSTR13		13	Bare	828.443	66.16	2700K	10000	80.6	93.57	84.6	63.3	0.787	0.547	Base Down	5/15/2008
Leedaron Lighting (Xiamen) Co., Ltd	LEELITE	NHSTR13CT		13	Bare	966.734	70.357	4100K	10000	86.9	93.59	83.15	22	0.740	0.589	Base Up	10/17/2008

Organization Name	Brand	Model	Retail Product Number(s)	Wattage /3-Way Wattage (watts)	Model Type	Light Output (Lumens)	Lumens per Watt	Color Temperature (Kelvin)	Bulb Life (Hours)	Lamp Color Rendering Index	1,000-hour Lumen Maintenance	Lumen Maintenance	Lamp Start Time (ms)	Run-Up Time (min)	Power Factor	Testing Orientation	Date Qualified
Leedarsen Lighting (Xiamen) Co., Ltd	LEELITE	NHSTR13CT		13	Bare	868.144	64.758	4100K	10000	86.5	94.64	84.29	28	0.645	0.582	Base Down	10/17/2008
Lights of America	Lights of America	2713C-GU24		13	Bare	1040.93	71.24	4100K	10020	84.6	97.74	94.23	25	0.630	0.59	Base Up	5/25/2010
Lights of America	Lights of America	2713-GU24		13	Bare	909.71	65.82	2700K	10020	82.38	92.205	91.84	16.7	0.340	0.601	Base Up	5/25/2010
Lights of America	Lights of America	2718C-GU24		18	Bare	1379.06	75.96	4100K	10020	84.39	95.46	90.16	32	0.700	0.558	Base Up	5/25/2010
Lights of America	Lights of America	2718-GU24		18	Bare	1348.86	74.65	2700K	10020	81.4	93.7	84.9	15	0.840	0.556	Base Up	5/25/2010
Lights of America	Lights of America	2723C-GU24		23	Bare	1657.08	73.07	4100K	10020	83.51	96.11	90.09	26	0.780	0.563	Base Up	5/25/2010
Lights of America	Lights of America	2723-GU24		23	Bare	1775.91	73.01	2700K	10020	82.6	97.15	91.27	16	0.920	0.569	Base Up	5/25/2010
Lights of America	Lights of America	2809-GU24		9	Bare	570	62.78	2700K	10000	82.3	95.04	83.45	854	2.000	0.585	50%Up/50%Down	5/13/2009
Lights of America	Lights of America	2814-GU24		14	Bare	948.5	68.14	2700K	10000	80.7	96.1	89.07	538	0.980	0.562	50%Up/50%Down	5/13/2009
Lights of America	Lights of America	2819-GU24		19	Bare	1266.3	69.41	2700K	10000	80.8	94.46	83.22	110.5	0.950	0.53	50%Up/50%Down	5/13/2009
Lights of America	Lights of America	2823-GU24		23	Bare	1605.8	71.03	2700K	10000	80.2	96.23	83.14	148	0.580	0.514	50%Up/50%Down	5/13/2009
Litronics International Inc.	Litronics	L-13C27		13	Bare	903.03	64.95	2700K	10020	95.277	95.277	95.277	17.3	0.400	0.586	Base Down	8/20/2008
Litronics International Inc.	Litronics	L-13C27		13	Bare	909.71	65.82	2700K	10020	82.38	92.205	91.84	16.7	0.340	0.601	Base Up	10/13/2008
Litronics International Inc.	Litronics	L-18C27		18	Bare	1366.29	73.09	2700K	10000	81.9	94.4	84	19	1.170	0.559	Base Down	8/20/2008
Litronics International Inc.	Litronics	L-18C27		18	Bare	1348.86	74.65	2700K	10020	81.4	93.7	84.9	15	0.840	0.556	Base Up	10/13/2008
Litronics International Inc.	Litronics	L-23C27		23	Bare	1676.59	72.17	2700K	10000	81.87	91.05	91.05	18	0.910	0.566	Base Down	8/20/2008
Litronics International Inc.	Litronics	L-23C27		23	Bare	1775.91	73.01	2700K	10020	82.6	97.15	91.27	16	0.920	0.569	Base Up	10/13/2008
Maxlite	Maxlite	MLB13GUWW		13	Covered	769.76	56.9	2700K	8000	82.274	92.744	89.925	187	0.550	0.57	50%Up/50%Down	9/3/2008
Maxlite	Maxlite	MLFC26, MLECOMD		26	Reflector	1184.18	45.38	2700K	8000	82.5	94.72	84.17	9	2.130	0.572	Base Up	9/24/2008
Maxlite	Maxlite	MLS13GUCW		13	Bare	868.144	64.758	4100K	10000	86.5	94.64	84.29	28	0.645	0.582	Base Down	12/20/2010
Maxlite	Maxlite	MLG13GUWW		13	Covered	742	52.87	2700K	8000	82.664	94.692	90.23	112	2.340	0.573	50%Up/50%Down	9/3/2008
Maxlite	Maxlite	MLS13GU30		13	Bare	963.11	66.549	3000K	10000	81.1	93.49	91.58	76	0.750	0.518	50%Up/50%Down	1/16/2009
Maxlite	Maxlite	MLS13GUSWW		13	Bare	963.11	66.538	2700K	10000	81.75	N/A	82.2	76	0.750	0.518	50%Up/50%Down	4/28/2008
Maxlite	Maxlite	MLS13GUWW		13	Bare	963.11	66.549	2700K	10000	81.1	N/A	82.2	76	0.750	0.518	50%Up/50%Down	4/28/2008
Maxlite	Maxlite	MLS15GUDWW		15	Dimmable	879.94	60.16	2700K	8000	83.54	99.677	88.273	51.6	0.800	0.716	50%Up/50%Down	8/26/2008
Maxlite	Maxlite	MLS18GU30		18	Bare	1366.17	68.21	3000K	10000	81.234	98.89	95.96	84	0.667	0.555	50%Up/50%Down	1/16/2009
Maxlite	Maxlite	MLS18GUCW		18	Bare	1249.31	68.72	4100K	10000	85.3	93.7	83.88	22	0.690	0.584	Base Down	12/20/2010
Maxlite	Maxlite	MLS18GUSWW		18	Bare	1366.17	68.21	2700K	10000	81.234	N/A	81.649	84	0.667	0.555	50%Up/50%Down	4/28/2008
Maxlite	Maxlite	MLS18GUWW		18	Bare	1366.17	68.21	2700K	10000	81.234	N/A	81.649	84	0.667	0.555	50%Up/50%Down	4/28/2008
Maxlite	Maxlite	MLS25GUDWW		25	Dimmable	1754.96	65.79	2700K	8000	82.89	93.099	95.347	38	0.833	0.711	50%Up/50%Down	8/26/2008
Maxlite	Maxlite	MLS26GUCW		26	Bare	1705.145	66.323	4100K	10000	81.87	92.97	82.48	44	0.556	0.575	Base Up	3/10/2011
Maxlite	Maxlite	MLS26GUCW		26	Bare	1703.953	66.333	4100K	10000	82.61	92.97	81.88	44	0.556	0.575	Base Down	3/10/2011

Organization Name	Brand	Model	Retail Product Number(s)	Wattage /3-Way Wattage (watts)	Model Type	Light Output (Lumens)	Lumens per Watt	Color Temperature (Kelvin)	Bulb Life (Hours)	Lamp Color Rendering Index	1,000-hour Lumen Maintenance	Lumen Maintenance	Lamp Start Time (ms)	Run-Up Time (min)	Power Factor	Testing Orientation	Date Qualified
Maxlite	Maxlite	MLS26GU30		26	Bare	1842	72.42	3000K	10000	82.908	N/A	83.63	9.333	0.483	0.551	50%Up/50%Down	6/28/2008
Maxlite	Maxlite	MLS26GUSWW		26	Bare	1842	72.42	2700K	11367	82.908	N/A	85.402	9.333	0.483	0.551	50%Up/50%Down	5/28/2008
Maxlite	Maxlite	MLS26GUWW		26	Bare	1842	72.42	2700K	10000	82.908	N/A	85.402	9.333	0.483	0.551	50%Up/50%Down	5/28/2008
Maxlite	Maxlite	MLS32GUWW		32	Bare	2221	77.4	2700K	10097	82.08	93.77	85.34	24	0.800	0.533	50%Up/50%Down	9/23/2009
Maxlite	Maxlite	MLS42GUWW		42	Bare	2703.11	70.5	2700K	10000	82.2	94.5	84.8	30.5	0.510	0.557	50%Up/50%Down	1/5/2010
Maxlite	Maxlite	SKS13GUWW		13	Bare	969	70.2	2700K	10000	80.8	95.6	87.9	8.5	0.840	0.58	50%Up/50%Down	7/26/2010
Maxlite	Maxlite	SKS18GUWW		18	Bare	1348.86	74.65	2700K	10020	81.4	93.7	84.9	15	0.840	0.556	Base Up	7/26/2010
Niagara Conservation Corporation	Earthbrite	N13WGU24-2700		13	Bare	909.71	65.82	2700K	10020	82.38	92.205	91.84	16.7	0.340	0.601	Base Up	11/8/2010
Niagara Conservation Corporation	Earthbrite	N13WGU24-2700		13	Bare	903.03	64.95	2700K	10020	83.04	95.277	92.055	17.3	0.400	0.586	Base Down	11/8/2010
Niagara Conservation Corporation	Earthbrite	N13WGU24-2700		13	Bare	910.34	65.61	2700K	10020	82.26	97.7	92.29	17	0.370	0.601	50%Up/50%Down	11/8/2010
Niagara Conservation Corporation	Earthbrite	N18WGU24-2700		18	Bare	1348.86	74.65	2700K	10020	81.4	93.7	84.9	15	0.840	0.556	Base Up	11/8/2010
Niagara Conservation Corporation	Earthbrite	N18WGU24-2700		18	Bare	1366.29	73.09	2700K	10020	81.9	94.4	84	19	1.170	0.559	Base Down	11/8/2010
Niagara Conservation Corporation	Earthbrite	N18WGU24-2700		18	Bare	1382.56	74.09	2700K	10020	81.89	95.63	86.79	15	1.040	0.556	50%Up/50%Down	11/8/2010
Niagara Conservation Corporation	Earthbrite	N23WGU24-2700		23	Bare	1775.91	73.01	2700K	10020	82.6	97.15	91.27	16	0.920	0.569	Base Up	11/8/2010
Niagara Conservation Corporation	Earthbrite	N23WGU24-2700		23	Bare	1676.59	72.17	2700K	10020	81.87	97.09	91.05	18	0.910	0.566	Base Down	11/8/2010
Niagara Conservation Corporation	Earthbrite	N23WGU24-2700		23	Bare	1718.75	72.32	2700K	10020	82.1	97.5	91.27	16	0.880	0.569	50%Up/50%Down	11/8/2010
OptoLight	OptoLight	OP-GU24-14W		14	Bare	948.5	68.14	2700K	10000	80.7	96.1	89.07	538	0.980	0.562	50%Up/50%Down	6/17/2009
OptoLight	OptoLight	OP-GU24-19W		19	Bare	1266.3	69.41	2700K	10000	80.8	94.46	83.22	110.5	0.950	0.53	50%Up/50%Down	6/17/2009
OptoLight	OptoLight	OP-GU24-23W		23	Bare	1605.8	71.03	2700K	10000	80.2	96.23	83.14	148	0.580	0.514	50%Up/50%Down	2/15/2010
Ortech Industries Inc.	GLOW BRITE	GU24 HS 26W-2700K		26	Bare	1708	71.4	2700K	10000	82	95.8	90.1	19.6	1.100	0.54	50%Up/50%Down	4/28/2011
Ortech Industries Inc.	GLOW BRITE	GU24 26W-2700K		26	Bare	1730	69.1	2700K	10000	82	94.8	87.2	18.6	1.100	0.55	50%Up/50%Down	4/28/2011
Ortech Industries Inc.	GLOW BRITE	GU24 HS 26W-5000K		26	Bare	1689	68.4	5000K	10000	83.3	93.3	81.9	2.5	0.220	0.52	50%Up/50%Down	4/28/2011
Ortech Industries Inc.	GLOW BRITE	GU24 26W-5000K		26	Bare	1578	63.9	5000K	10000	81.9	93.1	81.7	2.5	0.230	0.52	50%Up/50%Down	4/28/2011
Osram Sylvania Inc.	Sylvania	CF13EL/GU24/827	29164	13	Bare	794	64.65	2700K	10000	81.32	91.97	88.54	738	0.483	0.574	50%Up/50%Down	4/29/2008
Osram Sylvania Inc.	Sylvania	CF13EL/GU24/827/BL	29162	13	Bare	918	71.2	2700K	10000	81	94.9	84.5	24	0.450	0.582	50%Up/50%Down	7/1/2009
Osram Sylvania Inc.	Sylvania	CF13EL/GU24/827/BL	28957	13	Bare	918	71.2	2700K	10000	81	94.9	84.5	24	0.450	0.582	50%Up/50%Down	7/26/2010
Osram Sylvania Inc.	Sylvania	CF13EL/GU24/827/RP	29957	13	Bare	918	71.2	2700K	10000	81	94.9	84.5	24	0.450	0.582	50%Up/50%Down	7/1/2009
Osram Sylvania Inc.	Sylvania	CF13EL/GU24/827/RP		13	Bare	918	71.2	2700K	10000	81	94.9	84.5	24	0.450	0.582	50%Up/50%Down	7/26/2010
Osram Sylvania Inc.	Sylvania	CF23EL/GU24/827/BL	29163	23	Bare	1740	71.55	2700K	10000	81	92.4	82.6	16	0.800	0.566	50%Up/50%Down	7/1/2009
Osram Sylvania Inc.	Sylvania	CF23EL/GU24/827/BL	29947	23	Bare	1740	71.55	2700K	10000	81	92.4	82.6	16	0.800	0.566	50%Up/50%Down	7/26/2010
Osram Sylvania Inc.	Sylvania	CF23EL/GU24/827/RP	29172	23	Bare	1740	71.55	2700K	10000	81	92.4	82.6	16	0.800	0.566	50%Up/50%Down	7/1/2009
Philips Lighting Company	Philips Energy Saver	EL/mdT 13W GU24	222851, 235044	13	Bare	918	71.2	2700K	10000	81	94.9	84.5	24	0.450	0.582	50%Up/50%Down	10/3/2008

Organization Name	Brand	Model	Retail Product Number(s)	Wattage /3-Way Wattage (watts)	Model Type	Light Output (Lumens)	Lumens per Watt	Color Temperature (Kelvin)	Bulb Life (Hours)	Lamp Color Rendering Index	1,000-hour Lumen Maintenance	Lumen Maintenance	Lamp Start Time (ms)	Run-Up Time (min)	Power Factor	Testing Orientation	Date Qualified
Philips Lighting Company	Philips Energy Saver	EL/mdT 18W GU24	222869, 235069	18	Bare	1083	59.5	2700K	10000	82	93.7	85	39	0.475	0.61	50%Up/50%Down	10/3/2008
Philips Lighting Company	Philips Energy Saver	EL/mdT 23W GU24	222877, 235119	23	Bare	1740	71.55	2700K	10000	81	92.4	82.6	16	0.800	0.566	50%Up/50%Down	10/3/2008
Philips Lighting Company	Philips Energy Saver	EL/mdT 13W GU24 4.1k 6/1	411389	14.29	Bare	1007	70.45	4100K	10000	84.1	97.48	94.01	24	0.550	0.589	50%Up/50%Down	8/29/2011
Philips Lighting Company	Philips Energy Saver	EL/mdT 18W GU24 4.1k 6/1	411777	17.56	Bare	1312	74.68	4100K	10000	84	95.22	89.17	32	0.610	0.554	50%Up/50%Down	8/29/2011
Philips Lighting Company	Philips Energy Saver	EL/mdT 23W GU24 4.1k 6/1	41397	22.34	Bare	1621	72.57	4100K	10000	83.2	95.23	90.16	26	0.700	0.562	50%Up/50%Down	8/29/2011
Plusrite International	Plusrite	CF13ET2/SP/GU24/835		13	Bare	903.14	73.4	3500K	10000	85.1	92.88	83.13	39.5	0.500	0.583	50%Up/50%Down	9/2/2010
Plusrite International	Plusrite	CF13ET2/SP/GU24/841		13	Bare	884	72.8	4100K	10000	85	92.9	85.3	82	0.400	0.58	50%Up/50%Down	9/2/2010
Plusrite International	Plusrite	CF13ET2/SP/GU24/SW		13	Bare	794	64.65	2700K	10000	81.32	91.97	88.54	738	0.483	0.574	50%Up/50%Down	9/2/2010
Plusrite International	Plusrite	CF18ET2/SP/GU24/SW		18	Bare	1203.47	68.1	2700K	10000	82.4	93.31	83.28	17.5	0.325	0.592	50%Up/50%Down	9/2/2010
Plusrite International	Plusrite	CF23ET2/SP/GU24/SW		23	Bare	1755.8	73.6	2700K	10000	82.8	93.5	84.34	28	0.308	0.591	50%Up/50%Down	9/2/2010
Raywa Lighting and Electrical Corp	Raywa	CF13W/S/GU24		13	Bare	985	70.82	2700K	12000	83.1	96.68	87.18	285	0.670	0.536	50%Up/50%Down	2/17/2009
Raywa Lighting and Electrical Corp	Raywa	CF18W/S/GU24		18	Bare	1371.5	71.95	2700K	12000	82.5	94.87	86.44	78	0.620	0.57	50%Up/50%Down	2/17/2009
Raywa Lighting and Electrical Corp	Raywa	CF26W/S/GU24		26	Bare	1824.7	72.22	2700K	12000	82.1	96.87	88.75	96	0.730	0.579	50%Up/50%Down	2/17/2009
SATCO/NUVO	Satco	S5301		13	Bare	794	64.65	2700K	10000	81.32	91.97	88.54	738	0.483	0.574	50%Up/50%Down	3/8/2010
SATCO/NUVO	Satco	S5302		18	Bare	1222	73.95	2700K	10000	82.32	98.2	91.63	513	0.388	0.56	50%Up/50%Down	3/8/2010
SATCO/NUVO	Satco	S8203		13	Bare	794	64.65	2700K	10000	81.32	91.97	88.54	738	0.483	0.574	50%Up/50%Down	6/23/2008
SATCO/NUVO	Satco	S8205		18	Bare	1222	73.95	2700K	10000	82.32	98.2	91.63	513	0.388	0.56	50%Up/50%Down	6/23/2008
SATCO/NUVO	Satco	S8206		23	Bare	1435	64.65	2700K	10000	81.07	98.03	98.03	676	0.516	0.55	50%Up/50%Down	8/20/2008
SATCO/NUVO	Satco	S8207		26	Bare	1614	66.63	2700K	10000	81.82	92.18	85.57	60	0.833	0.56	50%Up/50%Down	12/11/2008
SATCO/NUVO	Satco	S8208		13	Bare	884	72.8	4100K	10000	85	92.9	85.3	82	0.400	0.58	50%Up/50%Down	6/12/2009
SATCO/NUVO	Satco	S8221		15	Covered	748	51.05	2700K	10000	82.23	93.32	87.27	836	1.520	0.56	50%Up/50%Down	11/3/2008
SATCO/NUVO	Satco	S8224		15	Reflector	693	48.5	2700K	10000	84	92.2	84.7	144	1.100	0.56	50%Up/50%Down	6/12/2009
SATCO/NUVO	Satco	S8225		15	Covered	862	59.8	2700K	10000	82	93.3	84	87	0.750	0.56	50%Up/50%Down	1/11/2011
SATCO/NUVO	Satco	S8226		13	Bare	903.14	73.4	3500K	10000	85.1	92.88	83.13	39.5	0.500	0.583	50%Up/50%Down	2/18/2010
SATCO/NUVO	Satco	S8227		13	Bare	898.32	69.9	2700K	10000	82.7	92.54	85.03	46	0.375	0.587	50%Up/50%Down	4/1/2010
SATCO/NUVO	Satco	S8228		18	Bare	1182.11	68.6	2700K	10000	82.5	93.03	83.64	33	0.300	0.594	50%Up/50%Down	4/1/2010
Shanghai Mingdai Electric & Appliance	Mingdai	MHSG 18W		18	Bare	1143.93	65.3	2700K	10000	82	0.957	90.4	6.5	0.900	0.54	50%Up/50%Down	7/20/2009
Shanghai Mingdai Electric & Appliance	Mingdai	MHSG 26W		26	Bare	1730	69.1	2700K	10000	82	0.948	87.2	18.6	1.100	0.55	50%Up/50%Down	7/20/2009
Shanghai Mingdai Electric & Appliance	Mingdai	MHSG13W		13	Bare	827	62.2	2700K	10000	81	95	82.9	6.3	0.500	0.56	50%Up/50%Down	5/19/2009
Shanghai Mingdai Electric & Appliance	Mingdai	MSG 18W		18	Bare	1258	72.1	2700K	10000	83	0.958	90.4	7.9	1.000	0.54	50%Up/50%Down	7/20/2009
Shanghai Mingdai Electric & Appliance	Mingdai	MSG 26W		26	Bare	1708	71.4	2700K	10000	82	0.958	90.1	19.6	1.100	0.54	50%Up/50%Down	7/20/2009
Shanghai Mingdai Electric & Appliance	Mingdai	MSG13W		13	Bare	915.13	70.830495	2700K	10000	82.4	95.3	84.3	5.4	0.500	0.548	50%Up/50%Down	5/19/2009

Organization Name	Brand	Model	Retail Product Number(s)	Wattage /3-Way Wattage (watts)	Model Type	Light Output (Lumens)	Lumens per Watt	Color Temperature (Kelvin)	Bulb Life (Hours)	Lamp Color Rendering Index	1,000-hour Lumen Maintenance	Lumen Maintenance	Lamp Start Time (ms)	Run-Up Time (min)	Power Factor	Testing Orientation	Date Qualified
Shanghai Mingdai Electric & Appliance	Mingdai	MSG26 6500K		26	Bare	1712	70.7	6500K	10000	81.9	0.955	85.4	442.4	0.920	0.53	50%Up/50%Down	12/7/2009
Shenzhen Sea Lighting Tech Co., Ltd	Sealighting	ECA-15W		15	Dimmable	918.8	64.3	2700K	10000	82.1	0.9249	82.98	573	1.000	0.947	50%Up/50%Down	1/5/2010
Shenzhen Sea Lighting Tech Co., Ltd	Sealighting	ECD-15W		15	Dimmable	908.7	63.1	2700K	10000	82.2	0.9338	82.56	580	1.000	0.944	50%Up/50%Down	1/5/2010
Shenzhen Sea Lighting Tech Co., Ltd	Sealighting	ECR-15W		15	Dimmable	547.1	41.1	2700K	10000	82.2	0.9179	83.66	792	0.930	0.938	50%Up/50%Down	1/5/2010
Shenzhen Sea Lighting Tech Co., Ltd	Sealighting	ESP-15W		15	Dimmable	1072	72.4	2700K	10000	83	0.9267	83.14	745	0.750	0.925	50%Up/50%Down	1/5/2010
Shenzhen Sea Lighting Tech Co., Ltd	Sealighting	ESP-23W		23	Dimmable	1558.5	70.6	2700K	10000	81.6	0.9326	82.24	735	0.800	0.931	50%Up/50%Down	1/5/2010
Standard Products, Inc.	Standard Products, Inc.	58436		13	Bare	918	71.2	2700K	10000	81	94.9	84.5	24	0.450	0.582	50%Up/50%Down	8/20/2008
Standard Products, Inc.	Standard Products, Inc.	58437		18	Bare	1083	59.5	2700K	10000	82	93.7	85	39	0.475	0.61	50%Up/50%Down	8/20/2008
Standard Products, Inc.	Standard Products, Inc.	58438		23	Bare	1740	71.55	2700K	10000	81	92.4	82.6	16	0.800	0.566	50%Up/50%Down	8/20/2008
Standard Products, Inc.	Standard Products, Inc.	60034		13	Bare	1040.93	71.24	4100K	10020	84.6	97.74	94.23	25	0.630	0.59	Base Up	11/8/2010
Standard Products, Inc.	Standard Products, Inc.	60034		13	Bare	967.15	69.69	4100K	10020	83.57	96.29	91.1	20	0.530	0.587	Base Down	11/8/2010
Standard Products, Inc.	Standard Products, Inc.	60034		13	Bare	1006.73	70.45	4100K	10020	84.1	97.48	94.01	25	0.560	0.59	50%Up/50%Down	11/8/2010
Standard Products, Inc.	Standard Products, Inc.	60033		23	Bare	1657.08	73.07	4100K	10020	83.51	96.11	90.09	26	0.780	0.563	Base Up	11/8/2010
Standard Products, Inc.	Standard Products, Inc.	60033		23	Bare	1588.73	72.57	4100K	10020	83.08	93.52	89.07	22	0.620	0.562	Base Down	11/8/2010
Standard Products, Inc.	Standard Products, Inc.	60033		23	Bare	1621.15	72.57	4100K	10020	83.23	95.23	90.16	26	0.700	0.563	50%Up/50%Down	11/8/2010
Standard Products, Inc.	Standard Products, Inc.	CF13/27K/SPIRAL/GU24/STD		13	Bare	909.71	65.82	2700K	10020	82.38	92.205	91.84	16.7	0.340	0.601	Base Up	6/9/2010
Standard Products, Inc.	Standard Products, Inc.	CF18/27K/SPIRAL/GU24/STD		18	Bare	1348.86	74.65	2700K	10020	81.4	93.7	84.9	15	0.840	0.556	Base Up	6/9/2010
Standard Products, Inc.	Standard Products, Inc.	CF23/27K/SPIRAL/GU24/STD		23	Bare	1718.75	72.32	2700K	10020	82.1	97.5	91.27	16	0.880	0.569	50%Up/50%Down	6/9/2010
Standard Products, Inc.	Standard Products, Inc.	CF13/D/27K/SPIRAL/GU24/STD		13	Dimmable	810	61.4	2700K	10000	83.1	92.3	83.3	390	0.530	0.699	50%Up/50%Down	6/15/2011
Sun & Stars Lighting, Inc.	Sun and Stars Lighting, Inc.	SSL-GU-11W/27K		11	Bare	696.66	63.94	2700K	10000	81.53	92.66	86.626	18	0.247	0.587	Base Down	8/20/2008
Sun & Stars Lighting, Inc.	Sun and Stars Lighting, Inc.	SSL-GU13/27K		13	Bare	931.065	69.367	2700K	10000	81.89	93.14	83.7	16	0.764	0.582	50%Up/50%Down	1/26/2009
Sun & Stars Lighting, Inc.	Sun and Stars Lighting, Inc.	SSL-GU13/50K		13	Bare	916.014	68.963	5000K	10000	84.72	91.62	82.4	16	0.700	0.582	50%Up/50%Down	1/26/2009
Sun & Stars Lighting, Inc.	Sun and Stars Lighting, Inc.	SSL-GU-13W/27K		13	Bare	903.03	64.95	2700K	10020	83.04	95.277	92.055	17.3	0.400	0.586	Base Down	8/20/2008
Sun & Stars Lighting, Inc.	Sun and Stars Lighting, Inc.	SSL-GU18/27K		20	Bare	1344.67	74.68	2700K	10000	81.98	93.77	83.64	34	1.210	0.575	50%Up/50%Down	1/26/2009
Sun & Stars Lighting, Inc.	Sun and Stars Lighting, Inc.	SSL-GU18/50K		20	Bare	1244.878	68.76	5000K	10000	83.13	93.82	83.92	26	0.962	0.576	50%Up/50%Down	1/26/2009
Sun & Stars Lighting, Inc.	Sun and Stars Lighting, Inc.	SSL-GU-18W/27K		18	Bare	1366.29	73.09	2700K	10020	81.9	94.4	84	19	1.170	0.559	Base Down	8/20/2008
Sun & Stars Lighting, Inc.	Sun and Stars Lighting, Inc.	SSL-GU23/27K		23	Bare	1633.89	76.105	2700K	10000	81.15	92.14	82.76	26	0.942	0.557	50%Up/50%Down	1/26/2009
Sun & Stars Lighting, Inc.	Sun and Stars Lighting, Inc.	SSL-GU23/50K		23	Bare	1614.579	75.995	5000K	10000	83.61	92.14	82.52	22	0.798	0.557	50%Up/50%Down	1/26/2009
Sun & Stars Lighting, Inc.	Sun and Stars Lighting, Inc.	SSL-GU-23W/27K		23	Bare	1676.59	72.17	2700K	10020	81.87	97.09	91.05	18	0.910	0.566	Base Down	8/20/2008
Sun-Lite Sockets Industry		SBL-13AF		13	Bare	876	73.6	2700K	10000	82.7	92.9	82	9	0.730	0.56	50%Up/50%Down	12/20/2010
Sun-Lite Sockets Industry		SBL-18AF		18	Bare	1199	73.1	2700K	10000	81.8	92.7	82.4	9	0.710	0.58	50%Up/50%Down	12/20/2010
Sun-Lite Sockets Industry		SBL-23AF		23	Bare	1641	74.3	2700K	10000	82	94.1	81.9	9.3	0.710	0.6	50%Up/50%Down	12/20/2010

Organization Name	Brand	Model	Retail Product Number(s)	Wattage /3-Way Wattage (watts)	Model Type	Light Output (Lumens)	Lumens per Watt	Color Temperature (Kelvin)	Bulb Life (Hours)	Lamp Color Rendering Index	1,000-hour Lumen Maintenance	Lumen Maintenance	Lamp Start Time (ms)	Run-Up Time (min)	Power Factor	Testing Orientation	Date Qualified
Sunpark Electronics Corporation	Sunpark	GU13W2700K		13	Bare	931.065	69.367	2700K	10000	81.89	93.14	83.7	16	0.764	0.582	50%Up/50%Down	5/13/2009
Sunpark Electronics Corporation	Sunpark	GU13W5000K		13	Bare	916.014	68.963	5000K	10000	84.72	91.62	82.4	16	0.700	0.582	50%Up/50%Down	5/13/2009
Sunpark Electronics Corporation	Sunpark	GU15W2700K		15	Bare	981.086	70.007	2700K	10000	82.78	93.74	84.88	29	1.019	0.588	50%Up/50%Down	5/13/2009
Sunpark Electronics Corporation	Sunpark	GU15W5000K		15	Bare	911.211	65.186	5000K	10000	84.54	94.83	85.23	34	1.178	0.588	50%Up/50%Down	5/13/2009
Sunpark Electronics Corporation	Sunpark	GU18W2700K		18	Bare	1,345	74.7	2700K	10000	82	93.8	83.6	42.5	1.2	0.57	50%Up/50%Down	7/20/2009
Sunpark Electronics Corporation	Sunpark	GU18W5000K		18	Bare	1,245	68.8	5000K	10000	83	93.8	84.2	38.9	1.0	0.58	50%Up/50%Down	7/20/2009
Sunpark Electronics Corporation	Sunpark	GU20W2700K		20	Bare	1344.67	74.68	2700K	10000	81.98	93.77	83.64	34	1.210	0.575	50%Up/50%Down	5/13/2009
Sunpark Electronics Corporation	Sunpark	GU20W5000K		20	Bare	1244.878	68.76	5000K	10000	83.13	93.82	83.92	26	0.962	0.576	50%Up/50%Down	5/13/2009
Sunpark Electronics Corporation	Sunpark	GU23W2700K		23	Bare	1633.89	76.105	2700K	10000	81.15	92.14	82.76	26	0.942	0.557	50%Up/50%Down	5/13/2009
Sunpark Electronics Corporation	Sunpark	GU23W5000K		23	Bare	1614.579	75.995	5000K	10000	83.61	92.14	82.52	22	0.798	0.557	50%Up/50%Down	5/13/2009
Sunpark Electronics Corporation	Sunpark	GU26W2700K		26	Bare	1732.58	76.64	2700K	10000	81.35	92.71	82.29	26	0.899	0.567	50%Up/50%Down	5/13/2009
Sunpark Electronics Corporation	Sunpark	GU26W5000K		26	Bare	1633.568	70.466	5000K	10000	83.4	92.56	82.03	24	1.054	0.568	50%Up/50%Down	5/13/2009
Sunpark Electronics Corporation	Sunpark	GU9W2700K		9	Bare	680.02	70.23	2700K	10000	81.51	93.65	84.7	21	0.998	0.55	50%Up/50%Down	5/13/2009
Sunpark Electronics Corporation	Sunpark	GU9W5000K		9	Bare	647.516	66.279	5000K	10000	84.65	93.39	83.13	16	0.766	0.553	50%Up/50%Down	5/13/2009
Sunshine Lighting	Sunlite	00650-SU		11	Bare	751.8	65.79	2700K	10020	82.27	92.346	87.286	16	0.306	0.586	Base Up	4/29/2008
Sunshine Lighting	Sunlite	00655-SU		13	Bare	909.71	65.82	2700K	10020	82.38	92.205	91.84	16.7	0.340	0.601	Base Up	4/29/2008
Sunshine Lighting	Sunlite	00660-SU		18	Bare	1348.86	74.65	2700K	10020	81.4	93.7	84.9	15	0.840	0.556	Base Up	4/29/2008
Sunshine Lighting	Sunlite	00665-SU		23	Bare	1775.91	73.01	2700K	10020	82.6	97.15	91.27	16	0.920	0.569	Base Up	4/29/2008
Sunshine Lighting	Sunlite	SL13/E/GU24/27K		13	Bare	821	63.2	2700K	10000	81.2	92.5	82.2	9.1	0.780	0.56	Base Down	7/30/2010
Sunshine Lighting	Sunlite	SL13/E/GU24/41K		13	Bare	868.144	64.758	4100K	10000	86.5	94.64	84.29	28	0.645	0.582	Base Down	7/30/2010
Sunshine Lighting	Sunlite	SL18/E/GU24/27K		18	Bare	1242.66	66.67	2700K	10000	81.46	92.52	84.36	23	0.690	0.58	Base Down	7/30/2010
Sunshine Lighting	Sunlite	SL18/E/GU24/41K		18	Bare	1249.31	68.72	4100K	10000	85.3	93.7	83.88	22	0.690	0.584	Base Down	7/30/2010
Sunshine Lighting	Sunlite	SL23/E/GU24/27K		23	Bare	1508.2	68.863	2700K	10000	80.7	93.8	93.8	50.67	0.590	0.607	Base Down	7/30/2010
Sunshine Lighting	Sunlite	SL23/E/GU24/41K		23	Bare	1625.165	76.138	4100K	10000	85.71	94.81	84.57	25	0.818	0.566	Base Down	7/30/2010
Sunshine Lighting	Sunlite	SL26/E/GU24/27K		26	Bare	1710.013	67.356	2700K	10000	81.17	93.01	82.31	36	0.678	0.576	Base Down	7/30/2010
Sunshine Lighting	Sunlite	SL26/E/GU24/41K		26	Bare	1703.953	66.333	4100K	10000	82.61	92.97	81.88	44	0.556	0.575	Base Down	7/30/2010
Technical Consumer Products, Inc.	TCP	33109SP		9	Bare	619	68.3	2700K	10000	83	97	90.1	67	0.300	0.6	50%Up/50%Down	12/18/2009
Technical Consumer Products, Inc.	TCP	33109SP30K		9	Bare	577	64.8	3000K	10000	85	95.9	90.7	54	0.360	0.61	50%Up/50%Down	2/13/2009
Technical Consumer Products, Inc.	TCP	33109SP35K		9	Bare	618	67.5	3500K	10000	84	94.7	85.8	45	0.300	0.55	50%Up/50%Down	1/26/2009
Technical Consumer Products, Inc.	TCP	33109SP41K		9	Bare	613	67.2	4100K	10000	85	96.8	87.2	61	0.620	0.603	50%Up/50%Down	8/13/2009
Technical Consumer Products, Inc.	TCP	33113SP		13	Bare	918	71.2	2700K	10000	81	94.9	84.5	24	0.450	0.582	50%Up/50%Down	6/20/2008
Technical Consumer Products, Inc.	TCP	33113SP30K		13	Bare	873	67.5	3000K	10000	83	96.5	88.4	35	0.467	0.636	50%Up/50%Down	7/31/2008



Organization Name	Brand	Model	Retail Product Number(s)	Wattage /3-Way Wattage (watts)	Model Type	Light Output (Lumens)	Lumens per Watt	Color Temperature (Kelvin)	Bulb Life (Hours)	Lamp Color Rendering Index	1,000-hour Lumen Maintenance	Lumen Maintenance	Lamp Start Time (ms)	Run-Up Time (min)	Power Factor	Testing Orientation	Date Qualified
Technical Consumer Products, Inc.	TCP	33113SP41K		13	Bare	841	67.9	4100K	10000	83	93.2	85	39	0.338	0.63	50%Up/50%Down	1/26/2009
Technical Consumer Products, Inc.	TCP	33113SP50K		13	Bare	809	68	5000K	10000	85	93	88.6	49	0.530	0.63	Horizontal	2/13/2009
Technical Consumer Products, Inc.	TCP	33114A19		14	Covered	872	59.1	2700K	8000	83	92	83	30	1.230	0.63	50%Up/50%Down	8/13/2009
Technical Consumer Products, Inc.	TCP	33114G25		14	Covered	804	58.3	2700K	8000	84	91.7	86.5	71.5	1.800	0.63	50%Up/50%Down	1/26/2009
Technical Consumer Products, Inc.	TCP	33116R30		16	Reflector	691	42.2	2700K	8000	83	92.1	85.9	47	0.800	0.62	Base Up	1/26/2009
Technical Consumer Products, Inc.	TCP	33118SP		18	Bare	1083	59.5	2700K	10000	82	93.7	85	39	0.475	0.61	50%Up/50%Down	6/20/2008
Technical Consumer Products, Inc.	TCP	33118SP		18	Bare	1167	67.9	2700K	10000	81	94.3	94.3	37	0.230	0.6	Horizontal	2/13/2009
Technical Consumer Products, Inc.	TCP	33118SP30K		18	Bare	1225	68.8	3000K	10000	83.5	93	84.5	47	0.317	0.533	50%Up/50%Down	12/29/2008
Technical Consumer Products, Inc.	TCP	33118SP35K		18	Bare	1297	72.55	3500K	10000	81.4	90.8	86	29	0.450	0.605	50%Up/50%Down	1/15/2009
Technical Consumer Products, Inc.	TCP	33118SP41K		18	Bare	1263	70.7	4100K	10000	83	91.3	82.5	27	0.400	0.6	50%Up/50%Down	1/26/2009
Technical Consumer Products, Inc.	TCP	33123SP		23	Bare	1740	71.55	2700K	10000	81	92.4	82.6	16	0.800	0.566	50%Up/50%Down	6/20/2008
Technical Consumer Products, Inc.	TCP	33123SP30K		23	Bare	1485	68.3	3000K	10000	83	92.6	82.3	44	0.380	0.544	50%Up/50%Down	6/9/2010
Technical Consumer Products, Inc.	TCP	33123SP35K		23	Bare	1420.8	64	3500K	10000	80	94.5	87	28	0.583	0.609	50%Up/50%Down	6/20/2008
Technical Consumer Products, Inc.	TCP	33123SP41K		23	Bare	1632	73.646209	4100K	10000	84	93.6	89.1	28	1.300	0.614	50%Up/50%Down	2/10/2009
Technical Consumer Products, Inc.	TCP	33123SP50K		23	Bare	1367.2	63.27	5000K	10000	82	91.5	82.3	30	0.967	0.567	50%Up/50%Down	8/21/2008
Technical Consumer Products, Inc.	TCP	33127SP		27	Bare	1930	74.47	2700K	10000	81	93.5	83.6	47	0.450	0.552	50%Up/50%Down	6/20/2008
Technical Consumer Products, Inc.	TCP	33127SP30K		27	Bare	1614	62.2	3000K	10000	83	94.1	87	43	0.483	0.591	50%Up/50%Down	7/31/2008
Technical Consumer Products, Inc.	TCP	33127SP35K		27	Bare	1701	64.6	3500K	10000	81	93.5	87.6	31	0.417	0.591	50%Up/50%Down	6/20/2008
Technical Consumer Products, Inc.	TCP	33127SP41K		27	Bare	1768	69.4	4100K	10000	84	93.15	83.4	25	0.408	0.527	50%Up/50%Down	8/3/2009
Technical Consumer Products, Inc.	TCP	33132SP		32	Bare	2188	70.6	2700K	10000	82.5	93.07	82.64	26.5	0.330	0.593	50%Up/50%Down	1/15/2009
Technical Consumer Products, Inc.	TCP	33132SP35K		32	Bare	2415	76.1	3500K	10000	84	97.5	91.3	24	1.100	0.61	50%Up/50%Down	8/3/2009
Technical Consumer Products, Inc.	TCP	33132SP41K		32	Bare	2347	73.3	4100K	10000	85	92.6	92	29	1.700	0.61	50%Up/50%Down	8/12/2011
Technical Consumer Products, Inc.	TCP	33213SSP		13	Bare	925	68.7	2700K	10000	82	92.7	85.5	30.5	0.300	0.63	50%Up/50%Down	6/12/2009
Technical Consumer Products, Inc.	TCP	33132SP41K		32	Bare	2347	73.3	4100K	10000	85	92.6	92	29	1.700	0.61	50%Up/50%Down	4/15/2011
Topaz Lighting	Topaz Lighting	CF13/SMS/GU24/27-46		13	Bare	794	64.65	2700K	10000	81.32	91.97	88.54	738	0.483	0.574	50%Up/50%Down	2/18/2010
Topaz Lighting	Topaz Lighting	CF18/MS/GU24/27-46		18	Bare	1222	73.95	2700K	10000	82.32	98.2	91.63	513	0.388	0.56	50%Up/50%Down	2/18/2010
Topaz Lighting	Topaz Lighting	CF26/MS/GU24/27-46		26	Bare	1614	66.63	2700K	10000	81.82	92.18	85.57	60	0.833	0.56	50%Up/50%Down	2/18/2010
Ushio America Inc.	Ushio	CF13CLT/2700/GU24		13	Bare	794	64.65	2700K	10000	81.32	91.97	88.54	738	0.483	0.574	50%Up/50%Down	6/16/2009
Ushio America Inc.	Ushio	CF13CLT/4100/GU24		13	Bare	884	72.8	4100K	10000	85	92.9	85.3	82	0.400	0.58	50%Up/50%Down	6/16/2009
Ushio America Inc.	Ushio	CF18CLT/2700/GU24		18	Bare	1222	73.95	2700K	10000	82.32	98.2	91.63	513	0.388	0.56	50%Up/50%Down	6/16/2009
Ushio America Inc.	Ushio	CF23CLT/2700/GU24		23	Bare	1435	64.65	2700K	10000	90.72	98.03	98.03	676	0.516	0.55	50%Up/50%Down	6/16/2009
Ushio America Inc.	Ushio	CF26CLT/2700/GU24		26	Bare	1614	66.63	2700K	10000	81.82	92.18	85.57	60	0.833	0.56	50%Up/50%Down	6/16/2009

Organization Name	Brand	Model	Retail Product Number(s)	Wattage /3-Way Wattage (watts)	Model Type	Light Output (Lumens)	Lumens per Watt	Color Temperature (Kelvin)	Bulb Life (Hours)	Lamp Color Rendering Index	1,000-hour Lumen Maintenance	Lumen Maintenance	Lamp Start Time (ms)	Run-Up Time (min)	Power Factor	Testing Orientation	Date Qualified
Uspar Enterprises	Liberty Lights Ecosav	PL-13ESGU/CW		13	Bare	966.734	70.357	4100K	10000	86.9	93.59	83.15	22	0.740	0.589	Base Up	3/30/2009
Uspar Enterprises	Liberty Lights Ecosav	PL-13ESGU/CW		13	Bare	868.144	64.758	4100K	10000	86.5	94.64	84.29	28	0.645	0.582	Base Down	3/30/2009
Uspar Enterprises	Liberty Lights Ecosav	PL-13ESGU/WW		13	Bare	901.125	69.63	2700K	10000	81.7	95.24	83.4	39	0.743	0.568	Base Up	3/30/2009
Uspar Enterprises	Liberty Lights Ecosav	PL-13ESGU/WW		13	Bare	828.443	66.16	2700K	10000	80.6	93.57	84.6	63.3	0.787	0.547	Base Down	3/30/2009
Uspar Enterprises	Liberty Lights Ecosav	PL-18ESGU/CW		18	Bare	1431.26	74.58	4100K	10000	85.89	93.84	84.22	26	0.840	0.582	Base Up	3/30/2009
Uspar Enterprises	Liberty Lights Ecosav	PL-18ESGU/CW		18	Bare	1249.31	68.72	4100K	10000	85.3	93.7	83.88	22	0.690	0.584	Base Down	3/30/2009
Uspar Enterprises	Liberty Lights Ecosav	PL-18ESGU/WW		18	Bare	1369.08	70.81	2700K	10000	80.64	92.25	84.57	23	0.840	0.583	Base Up	3/30/2009
Uspar Enterprises	Liberty Lights Ecosav	PL-18ESGU/WW		18	Bare	1242.66	66.67	2700K	10000	81.46	92.52	84.36	23	0.690	0.58	Base Down	3/30/2009
Uspar Enterprises	Liberty Lights Ecosav	PL-23ESGU/CW		23	Bare	1720.747	74.699	4100K	10000	86.32	94.56	84.59	20	0.955	0.568	Base Up	3/30/2009
Uspar Enterprises	Liberty Lights Ecosav	PL-23ESGU/CW		23	Bare	1625.165	76.138	4100K	10000	85.71	94.81	84.57	25	0.818	0.566	Base Down	3/30/2009
Uspar Enterprises	Liberty Lights Ecosav	PL-23ESGU/WW		23	Bare	1703.94	72.23	2700K	10000	81.4	94.6	82.7	46	0.570	0.628	Base Up	3/30/2009
Uspar Enterprises	Liberty Lights Ecosav	PL-23ESGU/WW		23	Bare	1508.2	68.863	2700K	10000	80.7	93.8	93.8	50.67	0.590	0.607	Base Down	3/30/2009
Uspar Enterprises	Liberty Lights Ecosav	PL-26ESGU/CW		26	Bare	1705.145	66.323	4100K	10000	81.87	92.97	82.48	44	0.556	0.575	Base Up	3/30/2009
Uspar Enterprises	Liberty Lights Ecosav	PL-26ESGU/CW		26	Bare	1703.953	66.333	4100K	10000	82.61	92.97	81.88	44	0.556	0.575	Base Down	3/30/2009
Uspar Enterprises	Liberty Lights Ecosav	PL-26ESGU/WW		26	Bare	1721.822	66.015	2700K	10000	81.04	91.85	82.16	41	0.604	0.572	Base Up	3/30/2009
Uspar Enterprises	Liberty Lights Ecosav	PL-26ESGU/WW		26	Bare	1710.013	67.356	2700K	10000	81.17	93.01	82.31	36	0.678	0.576	Base Down	3/30/2009
VIVA Company Ltd.	VIVA	JRP13 2700K		13	Bare	845.5	65.34	2700K	10000	82.97	92.59	82.89	90	0.333	0.585	Base Up	5/21/2008
VIVA Company Ltd.	VIVA	JRP13 3000K		13	Bare	845.5	65.34	3000K	10000	82.97	95.13	84.68	90	0.333	0.585	Base Up	2/12/2008
VIVA Company Ltd.	VIVA	JRP18 2700K		18	Bare	1252.65	66.86	2700K	10000	82.8	93.22	83.26	94	0.567	0.548	Base Up	5/21/2008
VIVA Company Ltd.	VIVA	JRP18 3000K		18	Bare	1252.65	66.86	3000K	10000	82.8	93.39	83.35	94	0.567	0.548	Base Up	2/12/2008
VIVA Company Ltd.	VIVA	JRP23 2700K		23	Bare	1539.63	68.18	2700K	10000	82.78	92.82	82.56	546	0.417	0.567	Base Up	5/21/2008
VIVA Company Ltd.	VIVA	JRP23 3000K		23	Bare	1539.63	68.18	3000K	10000	82.78	93.38	83.22	546	0.417	0.567	Base Up	2/12/2008
VIVA Company Ltd.	VIVA	JRP9 2700K		9	Bare	589.86	64.12	2700K	10000	83.82	94.71	83.29	80	0.433	0.56	Base Up	5/21/2008
VIVA Company Ltd.	VIVA	JRP9 3000K		9	Bare	598.86	64.12	3000K	10000	83.82	94.66	83.54	80	0.433	0.56	Base Up	1/30/2008
VIVA Company Ltd.	VIVA	PBCFA11 2700K		11	Bare	620	58.8	2700K	10000	83	91.57	80.6	75	0.483	0.59	Base Up	6/5/2008
VIVA Company Ltd.	VIVA	PBCFA14 2700K		14	Bare	790	58.2	2700K	10000	84	91.84	81.44	57	0.500	0.55	Base Up	9/4/2008
VIVA Company Ltd.	VIVA	PBCFA14 3000K		14	Bare	790	58.2	3000K	10000	84	91.69	81.08	57	0.500	0.55	Base Up	6/6/2008
VIVA Company Ltd.	VIVA	PBCFA14 4100K		14	Bare	790	58.2	4100K	10000	84	91.93	81.72	57	0.500	0.55	Base Up	9/4/2008
VIVA Company Ltd.	VIVA	PBCFS11.50, PBCFS1150 3000K		11	Bare	620	65	3000K	10000	84	91.93	81	66	0.483	0.6	Base Up	5/21/2008
VIVA Company Ltd.	VIVA	PBCFS13XX 2700K		13	Bare	901.41	70.61	2700K	10000	81.98	92.45	82.82	183	0.600	0.53	Base Up	6/10/2008
VIVA Company Ltd.	VIVA	PBCFS13XX 3000K		13	Bare	901.41	70.61	3000K	10000	81.98	93.53	83.24	183	0.600	0.53	Base Up	6/10/2008
VIVA Company Ltd.	VIVA	PBCFS13XX 3500K		13	Bare	901.41	70.61	3500K	10000	81.98	92.16	81.9	183	0.600	0.53	Base Up	6/10/2008

Organization Name	Brand	Model	Retail Product Number(s)	Wattage /3-Way Wattage (watts)	Model Type	Light Output (Lumens)	Lumens per Watt	Color Temperature (Kelvin)	Bulb Life (Hours)	Lamp Color Rendering Index	1,000-hour Lumen Maintenance	Lumen Maintenance	Lamp Start Time (ms)	Run-Up Time (min)	Power Factor	Testing Orientation	Date Qualified
VIVA Company Ltd.	VIVA	PBCFS13XX 4100K		13	Bare	901.41	70.61	4100K	10000	81.98	92.23	82.03	183	0.600	0.53	Base Up	6/10/2008
VIVA Company Ltd.	VIVA	PBCFS18XX 2700K		18	Bare	1354.99	67.02	2700K	10000	81.86	92.49	82.64	157	0.517	0.55	Base Up	6/10/2008
VIVA Company Ltd.	VIVA	PBCFS18XX 3000K		18	Bare	1354.99	67.02	3000K	10000	81.86	92.83	83	157	0.517	0.55	Base Up	6/10/2008
VIVA Company Ltd.	VIVA	PBCFS26XX 2700K		26	Bare	1759.6	70.4	2700K	10000	81.41	91.83	82.15	342	0.633	0.52	Base Up	6/10/2008
VIVA Company Ltd.	VIVA	PBCFS26XX 3000K		26	Bare	1759.6	70.4	3000K	10000	81.41	92.14	81.52	342	0.633	0.52	Base Up	6/10/2008
Westinghouse Lighting Corporation	Westinghouse	2CUW2		13	Bare	794	64.65	2700K	10000	81.32	91.97	88.54	738	0.483	0.574	50%Up/50%Down	12/3/2009
Westinghouse Lighting Corporation	Westinghouse	36306		13	Bare	918	71.2	2700K	10000	81	94.9	84.5	24	0.450	0.582	50%Up/50%Down	3/30/2009
Westinghouse Lighting Corporation	Westinghouse	36307		13	Bare	918	71.2	2700K	10000	81	94.9	84.5	24	0.450	0.582	50%Up/50%Down	3/30/2009
Westinghouse Lighting Corporation	Westinghouse	36308		18	Bare	1083	59.5	2700K	10000	82	93.7	85	39	0.475	0.61	50%Up/50%Down	3/30/2009
Westinghouse Lighting Corporation	Westinghouse	36309		23	Bare	1740	71.55	2700K	10000	81	92.4	82.6	16	0.800	0.566	50%Up/50%Down	3/30/2009
Westinghouse Lighting Corporation	Westinghouse	36310		27	Bare	1930	74.47	2700K	10000	81	93.5	83.6	47	0.450	0.552	50%Up/50%Down	3/30/2009
Westinghouse Lighting Corporation	Westinghouse	36311		23	Bare	1740	71.55	2700K	10000	81	92.4	82.6	16	0.800	0.566	50%Up/50%Down	3/30/2009
Westinghouse Lighting Corporation	Westinghouse	37990		13	Bare	794	64.65	2700K	10000	81.32	91.97	88.54	738	0.483	0.574	50%Up/50%Down	6/30/2010
Westinghouse Lighting Corporation	Westinghouse	37994		23	Bare	1755.8	73.6	2700K	10000	82.8	93.5	84.34	28	0.308	0.591	50%Up/50%Down	6/9/2010
Xia Men Hi-Light Lighting Co., Ltd.	Hi-Light	HLPED-15W(3500K)GU24		15	Covered	831	55.4	3500K	10000	84	96.2	83.1	15.5	0.600	0.6	50%Up/50%Down	12/8/2009
Xia Men Hi-Light Lighting Co., Ltd.	Hi-Light	HLSCT3-13W(4100K)GU24		13	Bare	926	74.1	4100K	10000	86.2	95.4	85.1	10.1	0.400	0.59	50%Up/50%Down	12/8/2009
Xia Men Hi-Light Lighting Co., Ltd.	Hi-Light	HLSCT3-13W(6500K)GU24		13	Bare	877	67.5	6500K	10000	85.4	96.1	84.7	38.5	1.000	0.59	50%Up/50%Down	12/11/2009
Xia Men Hi-Light Lighting Co., Ltd.	Hi-Light	HLSCT3-13W(GU24)		13	Bare	785.7	63.9	6500K	10000	83.5	90.76	86.75	51	0.550	0.57	50%Up/50%Down	9/30/2009
Xia Men Hi-Light Lighting Co., Ltd.	Hi-Light	HLSCT3-13W-M(6500K)GU24		13	Bare	864	65	6500K	10000	85.2	95	84.7	589	0.800	0.59	50%Up/50%Down	12/8/2009
Xia Men Hi-Light Lighting Co., Ltd.	Hi-Light	HLSCT3-13W-M(GU24)		13	Bare	966	75.5	2700K	10000	82.6	96.1	83.4	9.2	1.000	0.58	50%Up/50%Down	12/18/2009
Xia Men Hi-Light Lighting Co., Ltd.	Hi-Light	HLSCT3-18W(3000K)GU24		18	Bare	1254	72.9	3000K	10000	83.3	95.8	85.4	12.9	0.200	0.58	50%Up/50%Down	12/11/2009
Xia Men Hi-Light Lighting Co., Ltd.	Hi-Light	HLSCT3-18W(3500K)GU24		18	Bare	1330	71.5	3500K	10000	85.2	95.4	85.6	6.4	0.700	0.59	50%Up/50%Down	12/11/2009
Xia Men Hi-Light Lighting Co., Ltd.	Hi-Light	HLSCT3-18W(4100K)GU24		18	Bare	1244	72.3	4100K	10000	84.5	95.4	84	4.3	0.300	0.58	50%Up/50%Down	12/11/2009
Xia Men Hi-Light Lighting Co., Ltd.	Hi-Light	HLSCT3-18W(6500K)GU24		18	Bare	1239	67.3	6500K	10000	84.6	95	84.5	40	1.000	0.56	50%Up/50%Down	12/11/2009
Xia Men Hi-Light Lighting Co., Ltd.	Hi-Light	HLSCT3-18W(GU24)		18	Bare	1234.74	71.9	2700K	10000	82.3	93.74	89.14	42	0.470	0.53	50%Up/50%Down	9/30/2009
Xia Men Hi-Light Lighting Co., Ltd.	Hi-Light	HLSCT3-23(4100K)GU24		23	Bare	1603	73.2	4100K	10000	84.3	95.8	84	20.6	0.500	0.56	50%Up/50%Down	12/11/2009
Xia Men Hi-Light Lighting Co., Ltd.	Hi-Light	HLSCT3-23W(GU24)		23	Bare	1676.95	73.3	2700K	10000	81.9	92.02	86.06	63	0.850	0.564	50%Up/50%Down	9/30/2009
Xiamen Longstar Lighting Company,	Longstar	FE-IISG-13W/27		13	Bare	929.32	68.6	2700K	10000	81.54	93.5	84.01	122	0.750	0.553	50%Up/50%Down	9/29/2010
Xiamen Longstar Lighting Company,	Longstar	FE-IISG-14W		14	Bare	948.5	68.14	2700K	10000	80.7	96.1	89.07	538	0.980	0.562	50%Up/50%Down	2/9/2009
Xiamen Longstar Lighting Company,	Longstar	FE-IISG-14W/30		14	Bare	878.36	63.8	3000K	12000	82.4	93.58	81.91	219	0.516	0.595	50%Up/50%Down	11/29/2010
Xiamen Longstar Lighting Company,	Longstar	FE-IISG-14W/41		14	Bare	834.7	60.3	4100K	10000	81.622	96.4	92.4	22.3	0.516	0.598	50%Up/50%Down	9/29/2010
Xiamen Longstar Lighting Company,	Longstar	FE-IISG-14W/50		14	Bare	897.4	63.6	5000K	10000	82.8	94.8	82.8	358	1.166	0.589	50%Up/50%Down	9/29/2010

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Xiamen Longstar Lighting Company,	Longstar	FE-IISG-14W/27		18	Bare	1220.89	73.2	2700K	12000	82.2	94.2	80.4	17	0.350	0.543	50%Up/50%Down	9/29/2010
Xiamen Longstar Lighting Company,	Longstar	FE-IISG-19W		19	Bare	1266.3	69.41	2700K	10000	80.8	94.46	83.22	110.5	0.950	0.53	50%Up/50%Down	2/9/2009
Xiamen Longstar Lighting Company,	Longstar	FE-IISG-19W/41		19	Bare	1343.7	72.2	4100K	10000	82	91.1	86.5	84	0.550	0.55	50%Up/50%Down	9/28/2010
Xiamen Longstar Lighting Company,	Longstar	FE-IISG-23W		23	Bare	1605.8	71.03	2700K	10000	80.2	96.23	83.14	148	0.580	0.514	50%Up/50%Down	2/9/2009
Xiamen Longstar Lighting Company,	Longstar	FE-IISG-23W/41		23	Bare	1654.4	73.5	4100K	10000	81.4	94.7	84.7	88	0.650	0.557	50%Up/50%Down	9/28/2010
Xiamen Longstar Lighting Company,	Longstar	FE-IISG-23W/50		23	Bare	1629.3	66.2	5000K	10000	81.3	93.4	81.2	101	0.560	0.54	50%Up/50%Down	9/28/2010
Xiamen Longstar Lighting Company,	Longstar	FE-IISG-9W		9	Bare	570	62.78	2700K	10000	82.3	95.04	83.45	854	2.000	0.585	50%Up/50%Down	2/9/2009
Xiamen Longstar Lighting Company,	Longstar	FE-IISG-9W/41		9	Bare	474.49	58.6	4100K	10000	83.2	95.2	82.5	19	0.500	0.57	50%Up/50%Down	9/29/2010
Xiamen Longstar Lighting Company,	Longstar	FE-IISG-26W/27		26	Bare	1728	70	2700K	12000	80	98.9	84.9	244.3	0.560	0.52	50%Up/50%Down	9/28/2010
Xiamen Longstar Lighting Company,	Longstar	FE-IISG-26W/41		26	Bare	1712.4	71.9	4100K	10000	82.3	94.5	90.7	91	0.583	0.527	50%Up/50%Down	9/28/2010
Xiamen Topstar Lighting Co., Ltd.	Topstar	BLQJA10-GU24		10	Bare	568.87	59.7	2700K	10000	82.4	93.34	83.65	192	0.5	0.564	50%Up/50%Down	11/12/2009
Xiamen Topstar Lighting Co., Ltd.	Topstar	BLQJA15B-GU24		15	Bare	1023.54	72.8	2700K	10000	82.1	92.74	90.21	120.5	0.5	0.561	50%Up/50%Down	11/12/2009
Xiamen Topstar Lighting Co., Ltd.	Topstar	BLQJA15-GU24		15	Bare	1007.32	70.9	2700K	10000	83.3	95.36	88.56	92	0.6	0.526	50%Up/50%Down	11/12/2009
Xiamen Topstar Lighting Co., Ltd.	Topstar	BLQJA20-GU24		20	Bare	1296.2	69.2	2700K	10000	81.5	91.71	86.4	26	0.5	0.581	50%Up/50%Down	11/12/2009
Xiamen Topstar Lighting Co., Ltd.	Topstar	BLQJA26-GU24		26	Bare	1800.64	72.0	2700K	10000	81.1	93.04	84.81	63	0.7	0.589	50%Up/50%Down	11/12/2009
Xiamen Yankon Energetic Lighting Co., Ltd.	Yankon	FE151A-GU24 19S 2700K		19	Bare	1297	70.1	2700K	10000	82.6	94.6	88.5	537.4	0.92	0.54	50%Up/50%Down	2/15/2010
Xiamen Yankon Energetic Lighting Co., Ltd.	Yankon	FE151A-GU24 19S 4100K		19	Bare	1265	69.9	4100K	10000	81.7	92.7	85	526.2	0.66	0.54	50%Up/50%Down	2/15/2010
Xiamen Yankon Energetic Lighting Co., Ltd.	Yankon	FE151A-GU24 23S		23	Bare	1678	78	4100K	10000	80.9	92.2	83.2	4.5	0.8	0.56	50%Up/50%Down	12/8/2009
Xiamen Yankon Energetic Lighting Co., Ltd.	Yankon	FE151A-GU24 23S 2700K		23	Bare	1580	73.8	2700K	10000	81.7	93.7	86.1	370	1.1	0.56	50%Up/50%Down	1/8/2010
Xiamen Yankon Energetic Lighting Co., Ltd.	Yankon	FE153B-GU24 13S		13	Bare	939	71.1	2700K	10000	83	94.6	82	67.2	0.8	0.59	50%Up/50%Down	6/22/2010
Xiamen Yankon Energetic Lighting Co., Ltd.	Yankon	FE172-GU24 13S		13	Bare	899	73.1	4100K	10000	82.7	92.3	83.6	279.8	0.65	0.55	50%Up/50%Down	7/26/2010
Xiamen Yankon Energetic Lighting Co., Ltd.	Yankon	YK505 13W		13	Bare	818	66.0	2700K	10000	81.7	92.7	86.1	147.2	0.75	0.53	50%Up/50%Down	2/15/2010
Xiamen Yankon Energetic Lighting Co., Ltd.	Yankon	YK505 20W		20	Bare	1150	63.9	2700K	10000	81.2	93.4	83	44.5	0.76	0.53	50%Up/50%Down	2/15/2010
Xiamen Yankon Energetic Lighting Co., Ltd.	Yankon	YK505 23W		23	Bare	1627	70.1	2700K	10000	81.2	96.7	85.7	484.2	0.84	0.57	50%Up/50%Down	2/15/2010
YuePu Electric Co., Ltd. of NingBo	Yuepu	YP-GU24-13		13	Bare	915	70.8	2700K	10000	82	95.3	84.3	5.4	0.500	0.55	50%Up/50%Down	1/4/2011
YuePu Electric Co., Ltd. of NingBo	Yuepu	YP-GU24-H13		13	Bare	827	62.2	2700K	10000	81	95	82.9	6.3	0.500	0.56	50%Up/50%Down	1/4/2011
YuePu Electric Co., Ltd. of NingBo	Yuepu	YP-GU24-H18		18	Bare	1,144	65.3	2700K	10000	82	95.70%	90.40	6.5	0.900	0.54	50%Up/50%Down	1/4/2011
YuePu Electric Co., Ltd. of NingBo	Yuepu	YP-GU24-H26		26	Bare	1,730	69.1	2700K	10000	82	94.80%	87.20	18.6	1.100	0.55	50%Up/50%Down	1/4/2011
YuePu Electric Co., Ltd. of NingBo	Yuepu	YP-GU24-18		18	Bare	1,258	72.1	2700K	10000	83	95.80%	90.40	7.9	1.000	0.54	50%Up/50%Down	1/4/2011
YuePu Electric Co., Ltd. of NingBo	Yuepu	YP-GU24-26		26	Bare	1,708	71.4	2700K	10000	82	95.80%	90.10	19.6	1.100	0.54	50%Up/50%Down	1/4/2011
Zhe Jiang NVC Lamp Co., Ltd.	NVC	ESU-9W 2700K		9	Bare	680.02	70.23	2700K	10000	81.51	93.65	84.7	21	0.998	0.55	50%Up/50%Down	10/1/2008
Zhe Jiang NVC Lamp Co., Ltd.	NVC	ESU-9W/4100K		9	Bare	638.00	62.5	4100K	10000	84.7	91.8	81.8	13.5	0.71	0.55	50%Up/50%Down	1/4/2011

Organization Name	Brand	Model	Retail Product Number(s)	Wattage /3-Way Wattage (watts)	Model Type	Light Output (Lumens)	Lumens per Watt	Color Temperature (Kelvin)	Bulb Life (Hours)	Lamp Color Rendering Index	1,000-hour Lumen Maintenance	Lumen Maintenance	Lamp Start Time (ms)	Run-Up Time (min)	Power Factor	Testing Orientation	Date Qualified
Zhe Jiang NVC Lamp Co., Ltd.	NVC	ESU-9W 5000K		9	Bare	647.516	66.279	5000K	10000	84.65	93.39	83.13	16	0.766	0.553	50%Up/50%Down	10/1/2008
Zhe Jiang NVC Lamp Co., Ltd.	NVC	ESU-13W 2700K		13	Bare	931.065	69.367	2700K	10000	81.89	93.14	83.7	16	0.764	0.582	50%Up/50%Down	10/1/2008
Zhe Jiang NVC Lamp Co., Ltd.	NVC	ESU-13W 4100K		13	Bare	959	68.5	4100K	10000	85.0	92.0	81.8	11.7	0.64	0.59	50%Up/50%Down	1/4/2011
Zhe Jiang NVC Lamp Co., Ltd.	NVC	ESU-13W 5000K		13	Bare	916.014	68.963	5000K	10000	84.72	91.62	82.4	16	0.700	0.582	50%Up/50%Down	10/1/2008
Zhe Jiang NVC Lamp Co., Ltd.	NVC	ESU-15W 2700K		15	Bare	981.086	70.007	2700K	10000	82.78	93.74	84.88	29	1.019	0.588	50%Up/50%Down	10/1/2008
Zhe Jiang NVC Lamp Co., Ltd.	NVC	ESU-15W 4100K		15	Bare	984	69.3	4100K	10000	85.2	92.3	81.4	10.4	0.65	0.59	50%Up/50%Down	1/4/2011
Zhe Jiang NVC Lamp Co., Ltd.	NVC	ESU-15W 5000K		15	Bare	911.211	65.186	5000K	10000	84.54	94.83	85.23	34	1.178	0.588	50%Up/50%Down	10/1/2008
Zhe Jiang NVC Lamp Co., Ltd.	NVC	ESU-18W 2700K		18	Bare	1,345	74.7	2700K	10000	82	93.8	83.6	42.5	1.2	0.57	50%Up/50%Down	7/20/2009
Zhe Jiang NVC Lamp Co., Ltd.	NVC	ESU-18W 4100K		20	Bare	1246	65.2	4100K	10000	84.7	93.1	82.0	9.9	0.81	0.58	50%Up/50%Down	1/4/2011
Zhe Jiang NVC Lamp Co., Ltd.	NVC	ESU-18W 5000K		18	Bare	1,245	68.8	5000K	10000	83	93.8	84.2	38.9	1.0	0.58	50%Up/50%Down	7/20/2009
Zhe Jiang NVC Lamp Co., Ltd.	NVC	ESU-20W 2700K		20	Bare	1344.67	74.68	2700K	10000	81.98	93.77	83.64	34	1.210	0.575	50%Up/50%Down	10/1/2008
Zhe Jiang NVC Lamp Co., Ltd.	NVC	ESU-20W 4100K		20	Bare	1246	65.2	4100K	10000	84.7	93.1	82.0	9.9	0.81	0.58	50%Up/50%Down	1/4/2011
Zhe Jiang NVC Lamp Co., Ltd.	NVC	ESU-20W 5000K		20	Bare	1244.878	68.76	5000K	10000	83.13	93.82	83.92	26	0.962	0.576	50%Up/50%Down	10/1/2008
Zhe Jiang NVC Lamp Co., Ltd.	NVC	ESU-23W 2700K		23	Bare	1633.89	76.105	2700K	10000	81.15	92.14	82.76	26	0.942	0.557	50%Up/50%Down	10/1/2008
Zhe Jiang NVC Lamp Co., Ltd.	NVC	ESU-23W 4100K		23	Bare	1668	71.6	4100K	10000	84.4	92.1	84.9	15.9	0.87	0.56	50%Up/50%Down	1/4/2011
Zhe Jiang NVC Lamp Co., Ltd.	NVC	ESU-23W 5000K		23	Bare	1614.579	75.995	5000K	10000	83.61	92.14	82.52	22	0.798	0.557	50%Up/50%Down	10/1/2008
Zhe Jiang NVC Lamp Co., Ltd.	NVC	ESU-26W 2700K		26	Bare	1732.58	76.64	2700K	10000	81.35	92.71	82.29	26	0.899	0.567	50%Up/50%Down	10/1/2008
Zhe Jiang NVC Lamp Co., Ltd.	NVC	ESU-26W 4100K		26	Bare	1742	68.3	4100K	10000	84.5	92.5	84.5	9.3	0.72	0.57	50%Up/50%Down	1/4/2011
Zhe Jiang NVC Lamp Co., Ltd.	NVC	ESU-26W 5000K		26	Bare	1633.568	70.466	5000K	10000	83.4	92.56	82.03	24	1.054	0.568	50%Up/50%Down	10/1/2008
Zhongshan Gecheng Electronic Co.,	Gaceno	SLH-13		13	Bare	843.108	67.099	2700K	10000	81.77	95.39	84.24	29	0.732	0.512	50%Up/50%Down	11/25/2008
Zhongshan Gecheng Electronic Co.,	Gaceno	SLP-13		13	Bare	715.552	60.091	2700K	10000	80.71	94.73	82.68	33	0.537	0.508	50%Up/50%Down	11/25/2008

## Key Efficiency Criteria

Performance Characteristic	Specification GU24 Based Lamps
<b>System Efficacy*</b> <i>Per Integrated Lamp in Lumens Per Watt (LPW)</i>	<u>Bare Lamps:</u> ≥ 50 LPW for all lamp types below 30 total listed lamp watts  ≥ 60 LPW for all lamp types that are ≥ 30 total listed lamp watts  <u>Covered, Reflector, and Dimmable Lamps:</u> ≥ 40 LPW for all lamp types and wattages
<b>Lumen Maintenance at 40% of Rated Life</b>	Must be greater than 80.0% of initial (100-hour) lumen output at 40% of rated life.
<b>Power Factor</b>	≥ 0.5
<b>Average Rated Lamp Life</b>	<u>Bare Lamps:</u> The average rated life of the lamp must be ≥ 10,000 hours.  <u>Covered, Reflector, and Dimmable Lamps:</u> The average rated life of the lamp must be ≥ 8,000 hours.
<b>Color Rendering Index</b>	≥ 80
<b>Correlated Color Temperature</b>	Lamps must have one of the following designated correlated color temperatures (CCT): 2700K, 3000K, 3500K, 4100K, 5000K, or 6500K.
<b>Warranty</b>	Warranty or limited warranty statement must cover at least a minimum of 24 months, or 2 years, from date of purchase based on no less than 3 hour per day of use.

### Notes:

\* Take performance and electrical measurements at the end of the 100-hour