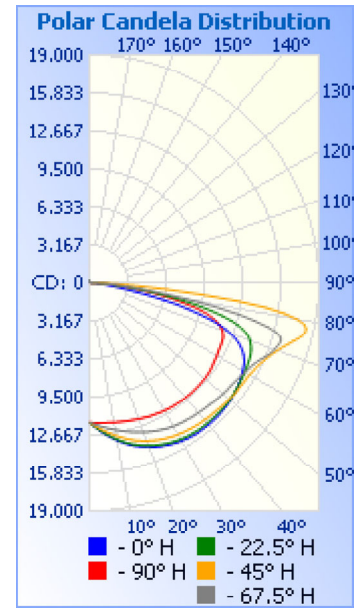


# Photometrics Pro

## Luminaire Photometric Report

**Filename:** Shoebox SB7 450W T4 - 277V  
**Manufacturer:** SARIN Energy Inc  
**Luminaire:** SES-SB7-4000-450-T4-277V  
**Lamp Output:** 1 lamp, rated Lumens/lamp: 55257.1  
**Max Candela:** 18,346.1 at Horizontal: 45°, Vertical: 78°  
**Input Wattage:** 430.93  
**Luminous Opening:** Point  
**Test Lab:** Belling Test Laboratory Co., LTD  
**Photometry :** Type C  
**Nema Type:** 7 X 7



### Roadway Summary

Cutoff Classification:	NONCUTOFF
Distribution:	TYPE IV, MEDIUM
Max Cd, 90 Deg Vert:	262.7
Max Cd, 80 to <90 Deg:	17,503.2
	Lumens % Lamp
Downward Street Side:	38,742.8 70.1%
Downward House Side:	16,172.5 29.3%
Downward Total:	54,915.2 99.4%
Upward Street Side:	164.5 0.3%
Upward House Side:	177.4 0.3%
Upward Total:	341.9 0.6%
<b>Total Lumens:</b>	<b>55,257.1 100%</b>

### Flood Summary

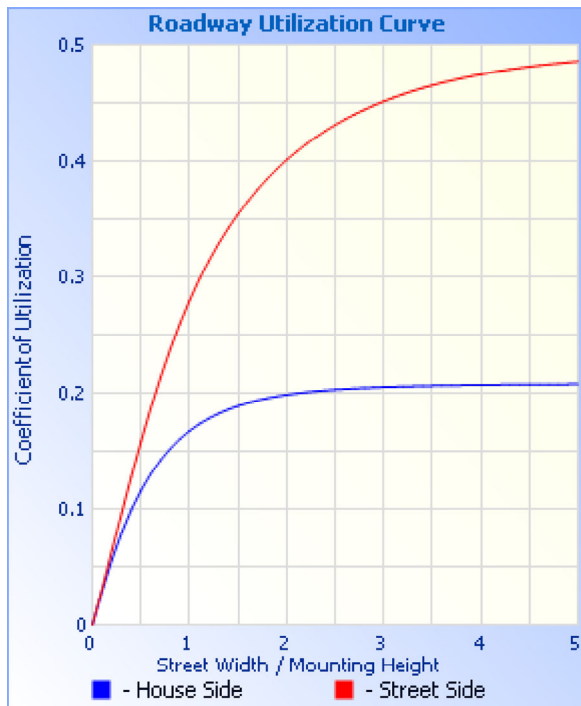
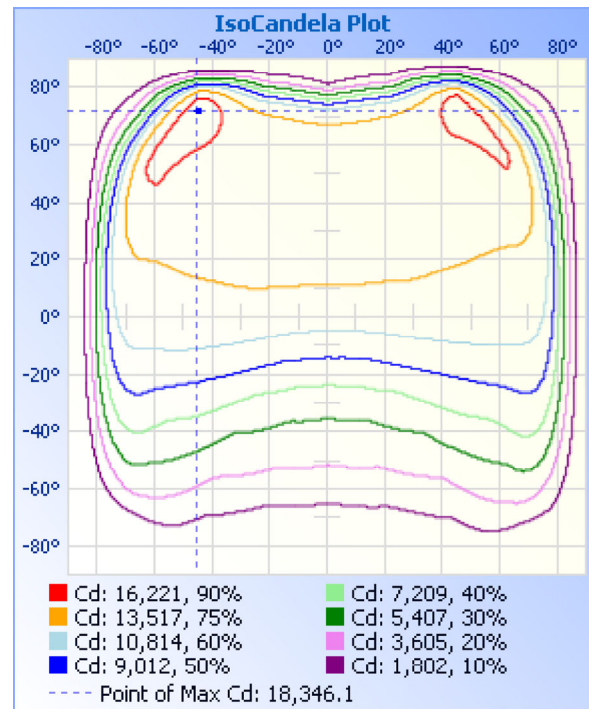
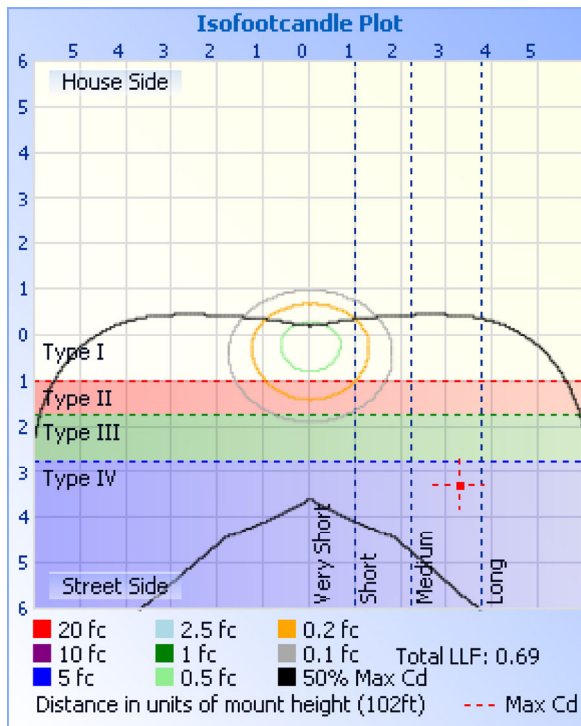
	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	98.2%	54,237.5	152.6	156.3
Beam (50%):	78.8%	43,557.3	123.2	103.8
<b>Total:</b>	<b>99.9%</b>	<b>55,221.6</b>		

### Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	9,653.4	17.5%	17.5%
0-40	16,604.2	30%	30%
0-60	34,048.3	61.6%	61.6%
60-90	20,865.7	37.8%	37.8%
70-100	11,329.4	20.5%	20.5%
90-120	137.4	0.2%	0.2%
0-90	54,913.9	99.4%	99.4%
90-180	341.8	0.6%	0.6%
0-180	55,255.8	100%	100%

### Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	1,108.9	2.0%	90-100	55.6	0.1%
10-20	3,277.6	5.9%	100-110	40.7	0.1%
20-30	5,266.9	9.5%	110-120	41.1	0.1%
30-40	6,950.9	12.6%	120-130	42.5	0.1%
40-50	8,270.7	15.0%	130-140	45.9	0.1%
50-60	9,173.3	16.6%	140-150	45.0	0.1%
60-70	9,591.9	17.4%	150-160	37.4	0.1%
70-80	8,684.5	15.7%	160-170	24.9	0%
80-90	2,589.2	4.7%	170-180	8.8	0%



**Illuminance at a Distance**

	Center Beam fc	Beam Width	
16.7ft	41.6 fc	42.6 ft	61.7 ft
33.3ft	10.5 fc	84.9 ft	123.1 ft
50.0ft	4.65 fc	127.5 ft	184.8 ft
66.7ft	2.61 fc	170.1 ft	246.5 ft
83.3ft	1.67 fc	212.4 ft	307.9 ft
100.0ft	1.16 fc	255.0 ft	369.6 ft

■ Vert. Spread: 103.8°  
■ Horiz. Spread: 123.2°

**Coefficients Of Utilization - Zonal Cavity Method**

Effective Floor Cavity Reflectance: 20%

RCC %:	80				70				50				30				10				0
RW %:	70	50	30	0	70	50	30	0	50	30	20	50	30	20	50	30	20	50	30	20	0
RCR: 0	1.19	1.19	1.19	1.19	1.16	1.16	1.16	.99	1.11	1.11	1.11	1.06	1.06	1.06	1.01	1.01	1.01	1.01	1.01	1.01	.99
1	1.05	.99	.93	.88	1.02	.97	.92	.77	.92	.88	.84	.88	.84	.81	.84	.81	.79	.84	.81	.79	.76
2	.93	.83	.75	.68	.91	.81	.73	.61	.77	.71	.65	.74	.68	.63	.70	.66	.62	.70	.66	.62	.59
3	.84	.71	.61	.53	.81	.69	.60	.49	.66	.58	.52	.63	.56	.51	.60	.55	.50	.60	.55	.50	.47

4	.76	.62	.51	.44	.73	.60	.51	.41	.58	.49	.43	.55	.48	.42	.53	.46	.41	.39
5	.69	.54	.44	.36	.67	.53	.43	.34	.51	.42	.36	.49	.41	.35	.47	.40	.35	.32
6	.63	.48	.38	.31	.61	.47	.38	.30	.45	.37	.31	.44	.36	.30	.42	.35	.30	.27
7	.59	.44	.34	.27	.57	.43	.33	.26	.41	.33	.27	.39	.32	.26	.38	.31	.26	.24
8	.54	.39	.30	.24	.53	.39	.30	.23	.37	.29	.23	.36	.28	.23	.35	.28	.23	.21
9	.51	.36	.27	.21	.49	.35	.27	.20	.34	.26	.21	.33	.26	.21	.32	.25	.20	.18
10	.47	.33	.25	.19	.46	.32	.24	.18	.31	.24	.19	.30	.23	.18	.29	.23	.18	.16

Candela Table - Type C

	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5	360
0	11615	11615	11615	11615	11615	11615	11615	11615	11615	11615	11615	11615	11615	11615	11615	11615	11615
1	11787	11779	11739	11686	11623	11558	11493	11458	11440	11435	11492	11544	11610	11676	11740	11777	11787
2	11960	11942	11885	11765	11636	11495	11372	11291	11246	11270	11366	11473	11610	11745	11861	11937	11960
3	12151	12104	12011	11842	11645	11439	11252	11131	11087	11103	11238	11405	11609	11812	11998	12108	12151
4	12320	12267	12140	11921	11660	11374	11118	10947	10884	10930	11098	11332	11609	11877	12120	12266	12320
5	12486	12426	12267	12002	11676	11317	10995	10778	10698	10761	10971	11268	11614	11943	12242	12420	12486
6	12653	12601	12396	12082	11694	11262	10875	10614	10520	10592	10845	11207	11623	12016	12366	12572	12653
7	12812	12760	12531	12167	11712	11210	10753	10446	10330	10406	10715	11146	11628	12088	12485	12720	12812
8	12971	12907	12659	12243	11731	11147	10621	10257	10122	10231	10571	11079	11635	12157	12612	12876	12971
9	13144	13069	12784	12323	11750	11095	10499	10081	9933	10057	10445	11016	11638	12229	12732	13034	13144
10	13305	13217	12909	12399	11774	11035	10377	9908	9739	9880	10311	10954	11646	12302	12848	13188	13305
11	13444	13353	13031	12478	11797	10980	10250	9727	9542	9697	10176	10888	11654	12373	12959	13328	13444
12	13583	13502	13147	12559	11814	10928	10129	9552	9351	9506	10049	10832	11664	12441	13071	13468	13583
13	13720	13635	13272	12645	11837	10873	10000	9375	9158	9328	9924	10772	11674	12517	13198	13596	13720
14	13863	13763	13387	12727	11864	10816	9862	9181	8935	9154	9784	10706	11681	12587	13307	13730	13863
15	13983	13881	13497	12804	11887	10769	9748	9017	8766	8970	9667	10655	11695	12652	13410	13853	13983
16	14094	13989	13604	12884	11913	10712	9613	8818	8559	8778	9531	10590	11710	12725	13506	13968	14094
17	14203	14097	13706	12962	11937	10664	9486	8672	8360	8636	9396	10530	11722	12791	13596	14068	14203
18	14299	14202	13796	13029	11968	10622	9357	8493	8172	8433	9268	10477	11736	12853	13681	14161	14299
19	14390	14294	13890	13108	11999	10575	9232	8319	7985	8255	9134	10424	11756	12919	13762	14249	14390
20	14486	14384	13973	13189	12026	10524	9087	8130	7783	8083	8991	10366	11774	12991	13844	14345	14486
21	14596	14476	14043	13263	12058	10472	8957	7950	7598	7910	8852	10311	11796	13052	13917	14428	14596
22	14685	14549	14120	13332	12087	10424	8815	7785	7421	7740	8739	10260	11819	13113	13979	14504	14685
23	14761	14623	14194	13398	12117	10378	8738	7619	7235	7573	8618	10206	11842	13176	14039	14575	14761
24	14824	14691	14253	13465	12144	10326	8596	7455	7060	7393	8488	10153	11860	13235	14095	14639	14824
25	14892	14761	14310	13526	12164	10280	8467	7293	6875	7227	8362	10097	11881	13295	14153	14703	14892
26	14962	14817	14374	13580	12186	10224	8332	7120	6711	7072	8225	10035	11899	13344	14204	14766	14962
27	15016	14877	14429	13634	12211	10172	8205	6958	6543	6908	8096	9978	11911	13390	14249	14822	15016
28	15075	14932	14485	13687	12239	10125	8080	6807	6387	6744	7968	9928	11927	13433	14289	14874	15075
29	15129	14976	14533	13733	12261	10066	7952	6653	6229	6590	7841	9873	11937	13474	14323	14925	15129
30	15172	15017	14569	13780	12288	10014	7826	6509	6070	6442	7723	9817	11952	13510	14367	14972	15172
31	15209	15055	14603	13823	12311	9958	7698	6347	5918	6297	7589	9752	11957	13537	14404	15011	15209
32	15260	15092	14645	13854	12333	9899	7571	6210	5781	6161	7465	9693	11974	13562	14427	15039	15260
33	15289	15120	14678	13888	12350	9845	7446	6066	5643	6022	7335	9631	11979	13588	14455	15073	15289
34	15314	15138	14703	13911	12360	9793	7332	5936	5517	5875	7212	9567	11992	13610	14475	15097	15314
35	15344	15156	14734	13932	12367	9738	7207	5802	5385	5743	7095	9501	11998	13633	14498	15115	15344
36	15352	15173	14767	13969	12372	9676	7077	5662	5251	5613	6969	9430	12014	13654	14520	15132	15352
37	15345	15188	14792	13997	12388	9607	6954	5536	5126	5489	6848	9368	12024	13679	14534	15135	15345
38	15343	15196	14820	14023	12397	9541	6844	5415	5012	5357	6736	9307	12028	13698	14554	15138	15343
39	15356	15197	14838	14045	12405	9480	6716	5295	4892	5235	6623	9244	12029	13719	14569	15139	15356
40	15367	15197	14849	14064	12410	9411	6602	5163	4781	5119	6506	9173	12038	13736	14576	15139	15367
41	15356	15194	14872	14089	12421	9344	6484	5049	4661	5006	6388	9101	12054	13760	14595	15156	15356
42	15347	15195	14888	14122	12428	9268	6354	4935	4555	4892	6261	9024	12067	13773	14613	15155	15347
43	15353	15198	14906	14151	12433	9191	6235	4826	4448	4774	6145	8956	12072	13795	14614	15162	15353
44	15357	15188	14927	14185	12431	9117	6123	4719	4335	4667	6042	8879	12077	13821	14616	15165	15357
45	15338	15188	14948	14214	12431	9039	5996	4600	4232	4560	5917	8784	12079	13847	14636	15161	15338
46	15313	15185	14968	14246	12426	8956	5882	4494	4132	4452	5807	8753	12082	13875	14653	15159	15313

47	15297	15183	14993	14280	12430	8867	5759	4386	4029	4352	5691	8672	12072	13905	14676	15149	15297
48	15278	15177	15025	14316	12423	8789	5638	4283	3929	4236	5583	8577	12068	13942	14699	15147	15278
49	15242	15164	15048	14353	12424	8730	5523	4170	3815	4133	5468	8496	12062	13976	14722	15136	15242
50	15217	15154	15087	14382	12421	8618	5396	4062	3720	4029	5350	8403	12049	14016	14747	15137	15217
51	15172	15125	15119	14417	12402	8519	5275	3958	3620	3924	5234	8315	12038	14046	14782	15119	15172
52	15124	15091	15141	14452	12395	8420	5156	3851	3517	3821	5120	8227	12038	14074	14801	15094	15124
53	15087	15054	15152	14474	12378	8317	5041	3745	3413	3706	5008	8133	12025	14108	14822	15056	15087
54	15042	15012	15155	14503	12357	8207	4914	3635	3308	3598	4892	8040	12011	14128	14838	15012	15042
55	14990	14983	15156	14541	12335	8083	4787	3517	3186	3492	4769	7937	11989	14156	14837	14984	14990
56	14930	14962	15181	14589	12293	7968	4666	3402	3074	3382	4651	7830	11984	14211	14843	14932	14930
57	14880	14922	15197	14649	12244	7844	4544	3289	2959	3259	4534	7724	11974	14249	14850	14907	14880
58	14802	14902	15225	14702	12220	7711	4420	3166	2840	3139	4414	7609	11952	14300	14878	14871	14802
59	14725	14878	15252	14769	12189	7578	4281	3034	2704	3023	4281	7478	11918	14355	14915	14820	14725
60	14661	14849	15300	14843	12167	7437	4147	2901	2569	2893	4153	7351	11893	14414	14940	14780	14661
61	14578	14804	15359	14933	12132	7288	4025	2772	2439	2758	4030	7226	11884	14489	14984	14728	14578
62	14483	14775	15430	15022	12098	7152	3888	2625	2296	2628	3902	7089	11857	14566	15041	14681	14483
63	14386	14735	15507	15126	12070	6999	3736	2487	2105	2493	3758	6947	11834	14653	15103	14637	14386
64	14233	14698	15607	15264	12055	6867	3592	2343	1900	2354	3618	6804	11791	14749	15188	14586	14233
65	14075	14661	15704	15401	12035	6709	3446	2187	1724	2215	3481	6665	11771	14886	15280	14542	14075
66	13864	14608	15830	15575	12014	6554	3294	1990	1573	2045	3329	6517	11769	15016	15371	14472	13864
67	13623	14538	15971	15774	11996	6401	3143	1779	1456	1836	3183	6376	11761	15180	15492	14390	13623
68	13331	14438	16129	15980	11954	6238	2973	1618	1318	1664	3013	6207	11734	15371	15618	14288	13331
69	12964	14312	16304	16150	11844	6052	2818	1471	1206	1503	2864	6053	11699	15569	15791	14153	12964
70	12526	14157	16520	16270	11721	5869	2651	1324	1107	1371	2702	5884	11632	15746	15965	13980	12526
71	12002	13972	16731	16380	11548	5678	2488	1201	1010	1230	2546	5718	11539	15896	16137	13786	12002
72	11346	13675	16998	16503	11309	5441	2317	1063	923	1107	2377	5536	11423	16057	16338	13511	11346
73	10572	13302	17277	16577	11031	5222	2138	957	846	1008	2204	5333	11262	16217	16567	13176	10572
74	9563	12806	17556	16463	10621	4959	1952	858	775	891	2042	5120	11056	16353	16812	12686	9563
75	8552	12167	17890	16048	10177	4646	1770	773	711	802	1869	4903	10738	16365	17108	12030	8552
76	7486	11338	18148	15228	9572	4372	1575	682	649	725	1687	4633	10372	16064	17378	11280	7486
77	6230	10401	18328	14056	8847	4066	1354	606	586	648	1492	4328	9828	15461	17633	10439	6230
78	5030	9384	18346	12694	7934	3759	1154	533	526	569	1300	4052	9166	14590	17804	9325	5030
79	3822	8262	18134	10992	7068	3424	956	469	466	500	1115	3778	8358	13131	17782	8227	3822
80	2846	7059	17484	9181	6199	2933	750	403	400	435	936	3487	7471	11441	17503	6984	2846
81	2122	5861	16351	7240	5287	2182	540	339	338	376	725	3036	6541	9741	16849	5769	2122
82	1630	4689	14721	5615	4271	1458	387	276	264	305	537	2406	5644	8053	15601	4610	1630
83	1258	3650	12312	4242	3320	864	276	223	204	248	388	1696	4759	6303	13946	3544	1258
84	961	2862	9224	3132	2391	492	191	169	144	195	285	1037	3796	4948	11560	2770	961
85	742	2162	6430	2193	1561	265	133	130	89	149	199	608	2927	3692	8655	2097	742
86	576	1562	4166	1322	884	144	92	90	61	115	138	315	1969	2631	6021	1564	576
87	408	1042	2376	637	342	85	54	44	32	72	100	174	1222	1676	3991	1075	408
88	276	603	1012	309	99	56	30	23	22	29	66	102	624	891	2235	690	276
89	169	316	280	125	64	44	26	24	22	26	41	62	247	442	990	405	169
90	82	94	130	101	58	44	29	23	20	23	33	44	95	174	263	167	82
91	58	83	112	87	50	41	27	22	18	20	37	29	73	101	125	87	58
92	56	77	103	81	49	43	33	26	19	22	38	43	65	93	108	72	56
93	54	70	92	74	43	35	31	28	21	22	37	42	61	85	96	69	54
94	49	62	86	67	45	36	32	29	24	24	44	58	77	86	67	49	49
95	42	60	83	66	42	39	23	28	23	24	40	48	53	70	81	60	42

96	34	56	78	58	41	39	31	32	20	24	41	46	48	65	75	56	34
97	39	47	65	57	42	23	33	32	26	27	39	46	49	60	68	46	39
98	39	48	65	52	39	34	31	39	29	23	37	45	44	55	64	50	39
99	35	47	51	51	39	32	35	34	29	30	41	45	38	53	58	44	35
100	37	36	52	44	38	34	34	32	29	21	44	44	41	53	53	40	37
101	36	39	51	46	40	36	31	38	29	28	42	44	43	44	48	44	36
102	32	39	49	44	40	34	34	41	24	30	42	47	28	46	44	41	32
103	37	34	48	40	36	34	25	40	24	24	45	44	38	40	42	33	37
104	32	31	43	45	33	34	35	37	40	30	41	48	42	37	39	38	32
105	38	30	43	37	34	34	34	42	46	16	42	48	39	39	36	39	38
106	36	30	38	39	34	36	39	39	52	27	47	44	39	34	34	32	36
107	44	29	23	41	35	33	39	38	52	31	46	44	39	37	29	34	44
108	72	27	36	37	30	34	41	40	53	37	48	45	36	28	31	32	72
109	100	27	25	38	36	29	38	41	64	35	37	42	30	33	27	29	100
110	120	21	31	40	41	32	41	40	57	39	45	46	36	30	30	28	120
111	124	11	30	34	36	41	43	37	65	38	45	47	36	30	21	28	124
112	119	27	27	27	40	38	40	42	63	39	48	49	39	23	22	28	119
113	109	24	27	38	34	27	34	43	67	35	49	43	41	30	23	26	109
114	97	26	34	22	37	38	43	43	63	43	38	47	26	30	25	22	97
115	90	25	31	30	38	38	43	47	63	45	52	40	40	28	22	29	90
116	81	29	32	30	39	39	43	52	65	49	52	50	41	28	23	32	81
117	76	30	26	34	36	33	40	49	63	42	49	50	34	31	15	28	76
118	69	23	29	39	43	36	36	53	65	47	57	46	38	28	22	28	69
119	71	29	29	35	42	36	39	51	66	48	54	47	45	30	30	31	71
120	63	32	31	34	35	46	47	45	69	38	46	55	45	38	21	20	63
121	63	30	29	39	45	41	48	57	64	39	58	49	45	27	28	30	63
122	67	29	36	39	44	46	48	60	65	55	55	52	47	38	24	34	67
123	56	28	35	39	48	48	52	54	71	50	58	52	44	33	24	36	56
124	49	29	37	37	46	47	53	56	69	58	58	42	43	32	22	26	49
125	51	34	35	42	52	51	53	60	71	57	59	57	51	36	29	35	51
126	51	34	37	47	49	52	55	63	72	62	63	57	55	42	27	32	51
127	47	35	36	31	47	49	58	62	72	64	64	58	52	46	33	37	47
128	45	29	39	42	47	51	61	67	74	62	64	59	52	41	34	37	45
129	39	35	40	40	45	53	59	70	76	65	67	52	55	42	33	37	39
130	44	34	42	49	56	56	60	66	77	64	63	64	57	46	36	38	44
131	46	40	45	50	57	59	63	70	80	66	65	59	61	40	39	29	46
132	50	39	38	46	57	51	65	73	76	72	70	63	61	49	38	36	50
133	49	43	45	50	59	57	64	75	81	69	69	61	62	52	42	43	49
134	45	41	50	52	57	61	68	72	83	73	72	69	67	56	37	44	45
135	47	42	51	42	52	65	67	74	79	74	73	67	67	45	48	42	47
136	51	50	43	45	63	65	69	80	86	70	76	69	69	57	38	47	51
137	52	46	51	53	65	63	67	76	82	74	73	69	58	55	51	44	52
138	54	47	53	54	61	69	72	83	88	77	77	72	74	62	40	49	54
139	54	49	57	57	67	67	66	82	95	70	74	75	74	57	47	50	54
140	51	50	57	59	65	69	71	80	93	82	78	74	77	57	46	43	51
141	58	57	53	61	68	72	74	83	92	80	82	67	76	57	49	52	58
142	61	48	51	61	70	66	74	81	95	82	83	74	74	63	46	58	61
143	62	52	61	64	74	68	75	85	92	81	84	74	73	67	56	49	62
144	65	57	57	65	71	76	76	84	94	87	80	74	75	69	59	54	65

145	58	52	59	65	70	74	76	90	93	86	88	76	77	67	58	50	58
146	58	62	64	65	73	80	76	88	92	87	89	77	80	66	57	62	58
147	65	64	52	57	79	75	83	90	97	83	87	79	84	72	59	62	65
148	67	57	66	65	78	77	84	86	100	90	86	80	77	72	62	65	67
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152	68	64	68	71	84	79	80	91	96	92	88	82	87	77	68	67	68
153	65	70	74	66	79	79	81	91	99	86	88	80	89	77	69	70	65
154	65	68	68	75	79	81	86	94	95	94	91	83	85	80	71	70	65
155	67	70	66	71	84	82	83	96	99	95	89	80	87	80	70	73	67
156	71	74	75	72	86	84	88	95	101	95	93	85	85	78	67	75	71
157	66	70	78	78	88	88	84	93	96	92	86	85	84	82	74	76	66
158	72	57	73	77	84	91	89	94	99	91	96	85	86	84	79	77	72
159	70	73	74	80	85	86	85	99	96	90	91	82	86	85	78	76	70
160	69	70	80	80	83	85	79	97	101	95	91	84	89	83	76	77	69
161	75	77	78	78	83	86	85	97	98	93	92	87	93	86	77	82	75
162	75	80	80	78	89	90	87	100	98	96	96	87	88	87	77	82	75
163	77	80	82	80	90	82	86	100	98	93	93	88	90	88	79	85	77
164	79	82	84	84	82	91	87	100	96	96	97	89	92	87	83	84	79
165	79	80	81	82	91	89	91	95	101	96	94	91	91	88	81	84	79
166	77	83	85	82	91	91	93	99	96	97	93	87	88	89	82	87	77
167	75	84	85	87	89	89	90	101	99	98	92	91	94	96	84	88	75
168	78	86	85	84	90	89	91	92	99	98	93	92	92	89	83	88	78
169	79	84	91	83	93	93	86	98	99	92	94	89	87	91	86	90	79
170	77	82	87	82	92	87	90	96	96	96	98	93	89	88	86	90	77
171	82	86	87	87	94	90	92	98	93	96	100	91	92	93	86	89	82
172	86	91	88	87	93	93	90	101	95	93	92	93	91	88	86	88	86
173	83	85	93	86	97	94	88	98	100	96	96	93	97	93	86	86	83
174	89	91	88	88	95	93	98	99	96	96	100	92	95	93	89	93	89
175	87	89	91	89	99	93	90	95	95	95	94	95	97	92	91	96	87
176	89	91	92	90	96	94	94	99	98	94	96	90	92	90	88	88	89
177	86	91	93	92	98	98	92	93	94	90	94	96	96	98	91	91	86
178	87	89	93	91	98	95	95	96	96	94	96	88	95	94	89	92	87
179	90	94	90	93	101	92	88	97	93	93	90	90	95	96	89	94	90
180	89	94	96	89	103	95	91	95	91	93	94	90	98	95	87	95	89



**Luminaire Report Summary**

IESNA:LM-63-2002  
[TEST]  
[TESTLAB] Belling Test Laboratory Co., LTD  
[ISSUE DATE] 2018-8-17 09:46  
[MANUFAC] SARIN Energy Inc  
[LUMINAIRE] SES-SB7-4000-450-T4-277V  
[\_TOTALLUMINAIRELUMENS] 55255.8  
[TESTINST] GPM-3000  
[TESTDIST] 14.130 M  
FILE: CANDELA MULTIPLIER: 1  
FILE: VERTICAL ANGLES: 181, HORIZONTAL ANGLES: 17  
FILE: COORDINATE SYSTEM: TYPE C  
FILE: UNIT OF MEASURE: METRIC  
FILE: BALLAST FACTOR: 1

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Reported data calculated from manufacturer's data file, based on IES recommended methods.