



IES INDOOR REPORT
PHOTOMETRIC FILENAME : SSLED4850-XX.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] 11890707.03P1
 [TESTLAB] UL Verification Services Inc.
 [ISSUEDATE] 8/15/2017
 [MANUFAC] Lamar Lighting Co Inc
 [LUMCAT] SSLED4850-XX
 [LUMINAIRE] White formed steel housing, frosted plastic lens enclosure
 [LAMP] 112 white LEDs
 [BALLAST] One Espen VPL50-xxx-MVHDA-PD-2C driver
 [OTHER] 24.4 C, 120.074 V, 0.2318 A, 27.20 W, 0.978 PF, 59.9981
 [MORE] Hz
 [OTHER] This test was performed using the calibrated photodetector met
 [MORE] hod of absolute photometry.

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3271
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	120
Total Luminaire Watts	27.2
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.28
Spacing Criterion (90-270)	1.30
Spacing Criterion (Diagonal)	1.42
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	3.81 ft
Luminous Width (90-270)	0.13 ft
Luminous Height	0.06 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	19521	14962	14475
55	18494	13544	13394
65	16793	12214	12519
75	13449	11094	11814
85	5572	10071	11346

CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>	<u>112.5</u>	<u>135.0</u>	<u>157.5</u>	<u>180.0</u>
0.0	928.311	928.311	928.311	928.311	928.311	928.311	928.311	928.311	928.311
0.5	960.034	934.185	920.439	919.734	916.326	920.321	920.204	934.420	960.151
1.0	959.916	933.833	920.204	919.969	916.091	920.204	920.556	934.185	960.504
1.5	959.564	933.480	919.851	919.616	915.974	920.086	920.556	934.068	960.504
2.0	958.976	933.128	919.381	919.381	915.739	920.086	920.439	934.185	960.151
2.5	958.271	932.658	918.911	918.911	915.621	919.969	920.086	933.950	959.916
3.0	957.919	931.953	918.206	918.206	915.504	919.499	919.734	933.480	959.329
3.5	956.979	931.248	917.501	917.971	914.916	919.264	919.264	932.893	959.329
4.0	956.156	930.308	916.796	917.384	914.446	918.911	918.911	932.305	958.741
4.5	955.451	929.486	916.209	916.679	913.976	918.441	918.324	931.718	958.389
5.0	953.924	928.428	915.269	915.974	913.506	917.854	917.736	930.895	957.331
5.5	953.102	927.606	914.446	915.386	912.802	917.149	916.796	930.190	956.979
6.0	951.809	926.196	913.389	914.329	912.097	916.444	916.209	929.368	955.686
6.5	950.517	925.138	912.214	913.624	911.627	915.386	915.269	928.311	954.981
7.0	949.107	923.611	911.392	912.802	910.687	914.681	914.564	927.253	954.159
7.5	947.697	922.436	910.334	911.627	909.864	913.624	913.506	926.196	952.867
8.0	946.169	920.909	908.807	910.804	908.924	912.684	912.567	925.138	951.692
8.5	943.937	919.264	907.749	909.747	907.867	911.627	911.509	923.728	949.929
9.0	942.410	917.619	906.457	908.219	906.927	910.452	910.569	922.083	948.637
9.5	939.942	915.739	904.930	907.279	905.399	909.629	909.512	920.791	947.344
10.0	937.945	914.094	903.520	905.987	904.107	908.572	908.102	919.381	945.347
10.5	935.595	912.097	901.875	904.577	902.932	907.397	906.927	917.736	943.467
11.0	933.363	910.334	900.230	903.167	901.640	905.752	905.399	915.974	942.057
11.5	930.895	908.572	898.467	901.757	899.995	904.342	903.520	913.859	940.295
12.0	927.958	906.339	896.705	899.995	898.702	902.697	901.992	911.979	938.297
12.5	925.491	903.872	894.708	898.467	896.940	901.052	900.347	910.099	936.065
13.0	922.201	901.640	892.710	896.588	895.413	899.290	898.232	907.984	933.833
13.5	919.969	899.172	890.595	894.943	893.885	897.645	896.235	905.869	931.600
14.0	916.914	896.470	888.363	893.063	892.358	895.530	894.238	903.167	929.368
14.5	913.976	894.003	886.131	891.183	890.243	893.533	892.005	900.700	927.018
15.0	911.274	891.418	883.781	889.068	888.481	891.535	890.125	897.997	924.433
15.5	908.572	888.598	881.313	886.953	886.601	889.538	887.541	895.413	921.966
16.0	905.399	885.661	878.846	884.721	884.603	887.541	885.191	892.475	919.499
16.5	902.345	882.841	876.496	882.371	882.841	885.426	882.488	889.773	916.679
17.0	898.937	879.904	873.794	880.021	880.843	883.076	879.669	886.718	913.859
17.5	895.883	876.731	871.092	877.554	878.611	880.961	876.731	883.663	911.392
18.0	892.240	873.794	868.154	874.969	876.144	878.611	873.911	880.608	908.807
18.5	888.833	870.622	865.569	872.384	873.676	876.144	870.974	877.319	905.869
19.0	885.543	867.214	862.632	869.447	871.327	873.324	867.802	874.029	902.697
19.5	881.783	864.042	859.695	866.744	868.859	870.622	864.629	870.974	899.525
20.0	877.906	860.517	856.522	864.042	866.039	867.919	861.692	867.567	896.235
20.5	874.381	857.110	853.703	861.105	863.102	864.864	858.520	864.160	892.945
21.0	870.504	853.703	850.530	858.285	860.282	861.810	855.465	860.752	889.420
21.5	866.509	850.060	847.711	855.465	857.697	858.755	852.293	857.345	885.661
22.0	862.280	846.301	844.421	852.528	854.643	855.465	849.120	854.055	882.018
22.5	858.285	842.776	841.013	849.473	851.823	852.293	846.066	850.295	878.494
23.0	854.055	838.899	837.959	846.653	848.885	849.238	842.893	846.771	874.264
23.5	849.708	835.021	834.551	843.598	845.948	846.301	839.486	843.011	870.857
24.0	845.361	831.144	831.262	840.426	842.658	843.011	836.314	839.369	866.862
24.5	841.248	827.149	827.854	837.489	839.721	839.721	833.024	835.491	862.750
25.0	836.666	822.920	824.447	834.199	836.784	836.784	829.617	831.849	858.520
25.5	832.319	818.925	820.805	830.909	833.376	833.611	826.327	828.089	854.290
26.0	827.737	814.813	817.397	827.267	830.439	830.557	822.567	824.094	849.943
26.5	823.272	810.583	813.520	823.859	826.914	827.267	819.160	820.100	845.831

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27.0	818.572	806.353	809.525	820.217	824.094	824.094	815.517	816.105	841.366
27.5	814.108	801.771	805.883	816.810	820.805	820.687	811.993	812.228	836.549
28.0	809.643	797.541	801.653	813.168	817.397	817.045	808.115	808.233	831.966
28.5	804.943	792.959	797.541	809.290	814.108	813.520	804.238	804.121	827.267
29.0	800.243	788.494	793.546	805.531	810.465	809.878	800.596	799.773	822.450
29.5	795.544	783.794	789.199	801.771	806.823	806.118	796.719	795.661	817.515
30.0	790.844	779.447	785.087	797.894	803.533	802.358	792.959	791.079	812.815
30.5	786.027	774.630	781.092	794.134	799.891	798.716	789.082	786.732	807.880
31.0	781.210	769.813	776.745	790.374	796.366	795.074	785.204	782.267	802.828
31.5	776.510	764.878	772.398	786.497	792.724	791.431	781.210	777.685	797.541
32.0	771.458	760.061	768.168	782.502	789.199	787.554	777.450	772.868	792.606
32.5	766.406	755.126	764.056	778.977	785.557	783.794	773.220	768.168	787.319
33.0	761.471	750.191	759.708	775.100	781.915	780.035	769.108	763.233	781.915
33.5	756.654	745.139	755.361	771.105	778.507	776.392	764.996	758.298	776.275
34.0	751.014	740.087	751.014	767.110	774.747	772.515	760.883	753.364	770.870
34.5	745.844	735.152	746.667	763.116	771.223	768.873	756.419	748.429	765.231
35.0	740.557	729.865	742.437	759.356	767.463	764.878	752.306	743.142	759.473
35.5	734.800	724.813	737.737	755.361	763.821	761.001	747.842	738.207	754.069
36.0	729.748	719.408	733.155	751.484	760.061	757.124	743.142	733.038	748.194
36.5	724.108	714.121	728.573	747.372	756.184	753.011	738.677	727.868	742.202
37.0	718.351	708.952	723.873	743.377	752.189	749.017	734.212	722.581	736.210
37.5	712.594	703.429	719.291	739.265	748.312	744.787	729.395	717.176	730.688
38.0	707.307	698.025	714.591	735.035	744.317	740.440	724.578	712.006	724.343
38.5	701.432	692.620	709.774	730.688	740.322	736.092	719.761	706.719	718.351
39.0	695.792	686.980	704.957	726.458	736.092	731.628	714.826	701.080	712.241
39.5	690.153	681.458	700.140	722.111	731.863	727.280	709.774	695.675	706.014
40.0	684.278	675.819	695.205	717.646	727.633	722.698	704.839	690.035	699.905
40.5	678.521	670.296	690.153	712.829	723.286	718.116	699.905	684.396	693.677
41.0	672.646	664.657	684.983	708.482	719.173	713.416	694.735	678.873	687.450
41.5	666.537	659.017	679.931	703.899	714.591	708.834	689.330	672.999	681.106
42.0	660.427	653.025	674.526	699.082	710.244	704.017	684.043	667.242	674.644
42.5	654.435	647.268	669.121	694.382	705.544	699.082	678.756	661.484	668.182
43.0	648.090	641.276	663.834	689.565	701.080	694.265	673.234	655.375	661.719
43.5	641.863	635.049	658.430	684.866	696.380	689.448	667.829	649.500	655.022
44.0	635.166	628.939	652.790	679.931	691.680	684.513	662.424	643.156	648.208
44.5	628.704	622.712	647.150	675.114	687.098	679.696	656.785	637.281	641.981
45.0	621.889	616.485	641.511	670.179	682.281	674.879	651.028	630.819	635.166
45.5	615.192	610.258	635.871	665.244	677.581	669.944	645.623	624.592	628.116
46.0	608.495	603.795	630.231	660.427	672.881	665.009	639.983	618.247	621.302
46.5	601.328	597.333	624.592	655.375	667.947	659.840	634.109	611.785	614.370
47.0	594.631	590.871	618.835	650.323	663.129	655.140	628.586	605.323	607.555
47.5	587.581	584.527	613.077	645.505	658.430	650.205	622.829	599.096	600.623
48.0	580.649	578.182	607.203	640.453	653.495	645.388	617.072	592.399	593.574
48.5	573.717	571.602	601.563	635.401	648.795	640.453	611.433	585.937	586.524
49.0	566.550	565.140	595.571	630.584	643.861	635.401	605.675	579.357	579.239
49.5	559.736	558.443	589.814	625.414	639.278	630.466	599.801	572.895	572.307
50.0	552.686	551.864	584.174	620.479	634.226	625.297	594.044	566.198	565.023
50.5	545.519	545.284	578.182	615.192	629.644	620.362	588.286	559.736	557.738
51.0	538.587	538.587	572.307	610.258	624.709	615.310	582.412	553.039	550.454
51.5	531.655	532.125	566.550	605.088	619.774	610.140	576.655	546.459	543.287
52.0	524.488	525.310	560.558	599.801	614.957	605.088	570.780	539.879	536.002
52.5	517.438	518.613	554.683	594.749	610.023	599.801	565.023	533.182	528.835
53.0	510.271	512.034	549.044	589.579	605.323	594.749	559.148	526.250	521.433
53.5	503.222	505.454	543.052	584.292	600.388	589.461	553.391	519.671	513.913
54.0	495.820	498.522	537.177	579.239	595.453	584.174	547.281	512.974	506.629
54.5	488.653	491.825	531.302	573.952	590.519	579.004	541.642	506.041	498.992

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CANDELA TABULATION - (Cont.)

55.0	481.250	484.893	525.310	568.665	585.584	573.835	535.767	499.227	491.355
55.5	473.731	478.078	519.553	563.495	580.532	568.665	529.893	492.412	483.718
56.0	466.329	471.264	513.444	558.208	575.480	563.613	524.018	485.598	476.081
56.5	458.692	464.332	507.569	553.039	570.780	558.443	518.143	478.548	468.326
57.0	451.055	457.517	501.694	547.751	565.845	553.391	512.269	471.734	460.572
57.5	443.300	450.585	495.467	542.699	560.911	548.221	506.511	464.684	452.582
58.0	435.898	443.535	489.592	537.530	556.093	543.169	500.754	457.869	444.710
58.5	427.909	436.603	483.600	532.477	551.159	538.000	494.762	450.702	436.838
59.0	420.272	429.554	477.726	527.190	546.459	532.830	489.005	443.770	428.614
59.5	412.282	422.739	471.851	522.020	541.524	527.895	483.013	436.838	420.624
60.0	404.645	415.690	465.859	517.086	536.825	522.843	477.256	429.671	412.752
60.5	396.656	408.875	460.102	512.034	531.890	517.673	471.381	422.504	404.763
61.0	389.019	401.943	454.345	506.981	527.190	512.621	465.624	415.572	397.008
61.5	381.147	395.011	448.705	501.929	522.255	507.569	459.749	408.287	389.136
62.0	373.392	387.961	442.948	496.877	517.438	502.399	453.875	401.473	381.382
62.5	365.520	381.147	437.308	491.825	512.739	497.112	448.000	394.306	373.510
63.0	357.531	374.215	431.551	486.890	507.804	492.060	442.125	387.139	365.755
63.5	349.659	367.400	426.029	481.720	502.987	487.008	436.133	379.972	357.883
64.0	341.669	360.468	420.507	476.786	498.052	481.955	430.259	372.922	350.011
64.5	333.680	353.771	414.985	471.734	493.000	476.668	424.384	365.755	342.139
65.0	325.690	346.721	409.345	466.564	487.948	471.616	418.744	358.823	334.267
65.5	317.701	339.907	403.705	461.629	483.130	466.329	413.105	351.773	326.277
66.0	309.476	333.092	398.418	456.577	478.196	461.159	407.465	344.724	318.405
66.5	301.252	326.395	392.896	451.525	473.378	456.225	401.825	337.792	310.181
67.0	293.145	319.580	387.491	446.473	468.444	450.937	396.421	330.977	302.074
67.5	285.038	312.648	382.204	441.420	463.509	446.003	391.016	324.045	293.732
68.0	276.813	305.951	376.799	436.368	458.574	440.833	385.729	317.231	285.507
68.5	268.589	299.137	371.512	431.316	453.522	435.898	380.442	310.181	277.048
69.0	260.364	292.440	366.108	426.264	448.822	430.964	375.272	303.366	268.706
69.5	252.375	285.742	360.820	421.212	443.770	425.911	369.985	296.552	260.247
70.0	244.268	279.045	355.416	416.277	439.071	420.977	364.580	289.737	251.787
70.5	236.161	272.348	350.011	411.225	434.136	415.924	359.175	283.040	243.328
71.0	227.819	265.769	344.724	406.290	429.201	410.990	353.771	276.226	234.986
71.5	219.712	259.189	339.319	401.238	424.384	406.055	348.249	269.528	226.526
72.0	211.722	252.844	334.032	396.068	419.567	401.003	342.726	262.831	218.419
72.5	203.733	246.382	328.510	391.134	414.632	396.068	337.322	256.134	209.960
73.0	195.626	240.038	323.340	386.199	409.815	390.899	331.682	249.672	201.853
73.5	187.519	233.693	317.936	381.264	404.880	385.964	326.160	243.093	193.746
74.0	179.646	227.584	312.531	376.094	400.063	380.912	320.873	236.748	185.639
74.5	171.774	221.591	307.361	371.160	395.246	375.859	315.351	230.403	177.649
75.0	163.785	215.599	302.074	366.225	390.429	370.690	309.946	224.294	169.542
75.5	155.913	209.842	296.787	361.290	385.729	365.873	304.541	218.067	161.553
76.0	148.158	204.085	291.617	356.356	380.912	360.938	299.137	212.192	153.681
76.5	140.286	198.328	286.447	351.421	375.977	355.768	293.849	206.435	145.809
77.0	132.532	192.806	281.278	346.486	371.277	350.833	288.562	200.678	138.054
77.5	124.660	187.401	276.108	341.669	366.460	345.899	283.393	195.038	130.300
78.0	116.882	181.996	271.056	336.852	361.760	341.082	278.105	189.633	122.427
78.5	109.304	176.592	265.886	332.035	356.943	336.147	273.053	184.229	114.696
79.0	101.984	171.187	260.951	327.217	352.243	331.330	267.884	178.824	107.153
79.5	94.499	165.665	255.899	322.400	347.544	326.395	262.831	173.184	99.857
80.0	87.309	160.025	250.847	317.818	342.844	321.578	257.897	167.662	92.420
80.5	80.083	154.503	245.912	312.883	338.144	316.761	252.844	162.023	85.135
81.0	73.104	148.981	241.095	308.184	333.562	312.061	247.910	156.500	78.156
81.5	66.372	143.576	236.161	303.484	328.862	307.244	242.975	150.861	71.236
82.0	59.898	138.172	231.226	298.667	324.280	302.544	238.158	145.339	64.562
82.5	53.459	132.884	226.409	293.849	319.463	297.727	233.223	140.051	58.135

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CANDELA TABULATION - (Cont.)

83.0	47.361	127.715	221.591	289.267	314.998	292.910	228.289	134.764	51.650
83.5	41.463	122.662	216.774	284.685	310.298	288.327	223.471	129.360	45.658
84.0	35.765	117.728	212.074	279.868	305.716	283.628	218.654	124.307	39.771
84.5	30.619	112.805	207.257	275.286	301.017	278.928	213.837	119.373	34.343
85.0	25.590	108.082	202.558	270.586	296.317	274.228	209.137	114.485	29.162
85.5	20.843	103.429	197.975	265.886	291.617	269.528	204.320	109.668	24.227
86.0	16.461	98.917	193.393	261.186	287.035	264.829	199.620	105.062	19.633
86.5	12.607	94.535	188.811	256.604	282.453	260.129	194.803	100.468	15.450
87.0	9.094	90.223	184.111	252.022	277.753	255.547	190.221	95.968	11.632
87.5	6.086	85.887	179.411	247.440	273.053	250.847	185.521	91.562	8.260
88.0	3.595	81.716	174.947	242.623	268.354	246.265	180.821	87.215	5.393
88.5	1.692	77.651	170.365	237.923	263.654	241.448	176.239	82.938	3.114
89.0	0.294	73.785	165.900	233.341	258.954	236.630	171.539	78.849	1.351
89.5	0.000	69.838	161.670	228.993	254.254	232.166	167.075	74.855	0.094
90.0	0.000	66.254	157.440	224.411	249.555	227.584	162.728	71.083	0.000
90.5	0.000	62.741	153.211	219.947	245.207	223.119	158.498	67.370	0.000
91.0	0.000	59.158	148.746	215.482	240.508	218.654	154.268	63.669	0.000
91.5	0.000	55.633	144.516	211.017	235.926	214.072	149.921	60.039	0.000
92.0	0.000	52.249	140.286	206.435	231.343	209.607	145.574	56.538	0.000
92.5	0.000	48.924	136.057	201.853	226.644	204.907	141.344	53.048	0.000
93.0	0.000	45.693	131.944	197.388	221.944	200.325	137.114	49.676	0.000
93.5	0.000	42.485	127.715	192.806	217.479	195.860	132.884	46.445	0.000
94.0	0.000	39.384	123.720	188.223	212.779	191.278	128.772	43.190	0.000
94.5	0.000	36.200	119.608	183.759	208.197	186.814	124.542	39.995	0.000
95.0	0.000	33.133	115.578	179.294	203.498	182.231	120.548	36.846	0.000
95.5	0.000	30.125	111.559	174.712	198.915	177.884	116.471	33.744	0.000
96.0	0.000	27.023	107.612	170.365	194.333	173.419	112.417	30.619	0.000
96.5	0.000	24.016	103.640	165.900	189.751	169.072	108.375	27.411	0.000
97.0	0.000	20.996	99.822	161.553	185.169	164.607	104.310	24.356	0.000
97.5	0.000	17.976	95.839	157.323	180.586	160.143	100.245	21.243	0.000
98.0	0.000	14.863	91.926	152.858	176.004	155.795	96.227	18.106	0.000
98.5	0.000	11.785	87.979	148.511	171.539	151.448	92.291	14.945	0.000
99.0	0.000	8.706	84.148	144.164	167.075	146.983	88.272	11.820	0.000
99.5	0.000	5.651	80.154	139.816	162.493	142.519	84.266	8.647	0.000
100.0	0.000	2.832	76.206	135.469	157.910	138.172	80.165	5.593	0.000
100.5	0.000	0.740	72.235	131.122	153.563	133.824	76.194	3.090	0.000
101.0	0.000	0.000	68.322	126.775	148.981	129.477	72.141	1.187	0.000
101.5	0.000	0.000	64.339	122.310	144.399	125.012	68.146	0.294	0.000
102.0	0.000	0.000	60.286	117.963	140.051	120.548	64.034	0.000	0.000
102.5	0.000	0.000	56.267	113.639	135.352	116.177	60.062	0.000	0.000
103.0	0.000	0.000	52.155	109.198	130.769	111.724	55.974	0.000	0.000
103.5	0.000	0.000	48.019	104.733	126.305	107.236	51.885	0.000	0.000
104.0	0.000	0.000	43.966	100.327	121.723	102.853	47.737	0.000	0.000
104.5	0.000	0.000	39.854	95.921	117.199	98.353	43.508	0.000	0.000
105.0	0.000	0.000	35.589	91.503	112.523	93.900	39.348	0.000	0.000
105.5	0.000	0.000	31.429	86.992	107.988	89.412	35.130	0.000	0.000
106.0	0.000	0.000	27.129	82.433	103.347	84.889	30.783	0.000	0.000
106.5	0.000	0.000	22.911	78.003	98.670	80.330	26.448	0.000	0.000
107.0	0.000	0.000	18.705	73.339	93.971	75.795	22.112	0.000	0.000
107.5	0.000	0.000	14.322	68.745	89.177	71.142	17.718	0.000	0.000
108.0	0.000	0.000	10.163	64.186	84.548	66.477	13.453	0.000	0.000
108.5	0.000	0.000	6.204	59.475	79.766	61.778	9.517	0.000	0.000
109.0	0.000	0.000	3.208	54.799	74.996	57.078	6.227	0.000	0.000
109.5	0.000	0.000	1.433	50.064	70.178	52.273	3.490	0.000	0.000
110.0	0.000	0.000	0.540	45.340	65.326	47.444	1.751	0.000	0.000
110.5	0.000	0.000	0.094	40.441	60.391	42.532	0.728	0.000	0.000

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CANDELA TABULATION - (Cont.)

111.0	0.000	0.000	0.000	35.577	55.398	37.703	0.094	0.000	0.000
111.5	0.000	0.000	0.000	30.654	50.498	32.769	0.000	0.000	0.000
112.0	0.000	0.000	0.000	25.649	45.528	27.764	0.000	0.000	0.000
112.5	0.000	0.000	0.000	20.714	40.453	22.817	0.000	0.000	0.000
113.0	0.000	0.000	0.000	15.791	35.401	17.894	0.000	0.000	0.000
113.5	0.000	0.000	0.000	11.221	30.184	13.265	0.000	0.000	0.000
114.0	0.000	0.000	0.000	7.273	24.991	9.388	0.000	0.000	0.000
114.5	0.000	0.000	0.000	4.100	19.915	5.922	0.000	0.000	0.000
115.0	0.000	0.000	0.000	2.115	14.980	3.325	0.000	0.000	0.000
115.5	0.000	0.000	0.000	1.022	10.657	1.903	0.000	0.000	0.000
116.0	0.000	0.000	0.000	0.352	6.897	0.881	0.000	0.000	0.000
116.5	0.000	0.000	0.000	0.000	3.877	0.129	0.000	0.000	0.000
117.0	0.000	0.000	0.000	0.000	2.162	0.000	0.000	0.000	0.000
117.5	0.000	0.000	0.000	0.000	1.081	0.000	0.000	0.000	0.000
118.0	0.000	0.000	0.000	0.000	0.282	0.000	0.000	0.000	0.000
118.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
119.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
119.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
120.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
120.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
121.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
121.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
122.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
122.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
123.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
123.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
124.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
124.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
125.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
125.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
126.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
126.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
127.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
127.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
128.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
128.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
129.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
129.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
130.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
130.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
131.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
131.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
132.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
132.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
133.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
133.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
134.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
134.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
135.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
135.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
136.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
136.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
137.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
137.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
138.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
138.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

139.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
139.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
140.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
140.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
141.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
141.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
142.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
142.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
143.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
143.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
144.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
144.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
145.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
145.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
146.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
146.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
147.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
147.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
148.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
148.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
149.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
149.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
150.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
150.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
151.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
151.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
152.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
152.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
153.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
153.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
154.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
154.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
155.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
155.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
156.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
156.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
157.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
157.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
158.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
158.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
159.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
159.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
160.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
160.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
161.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
161.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
162.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
162.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
163.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
163.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
164.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
164.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
165.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
165.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
166.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
166.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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CANDELA TABULATION - (Cont.)

167.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
167.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
168.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
168.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
169.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
169.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
170.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
170.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
171.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
171.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
172.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
172.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
173.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
173.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
174.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
174.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
175.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
175.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
176.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
176.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
177.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
177.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
178.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
178.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
179.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
179.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
180.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	340.15	N.A.	10.40
0-30	724.27	N.A.	22.10
0-40	1194.46	N.A.	36.50
0-60	2172.12	N.A.	66.40
0-80	2890.15	N.A.	88.40
0-90	3096.35	N.A.	94.70
10-90	3008.46	N.A.	92.00
20-40	854.31	N.A.	26.10
20-50	1355.56	N.A.	41.40
40-70	1385.21	N.A.	42.40
60-80	718.04	N.A.	22.00
70-80	310.48	N.A.	9.50
80-90	206.19	N.A.	6.30
90-110	168.71	N.A.	5.20
90-120	174.40	N.A.	5.30
90-130	174.40	N.A.	5.30
90-150	174.40	N.A.	5.30
90-180	174.40	N.A.	5.30
110-180	5.69	N.A.	0.20
0-180	3270.74	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	87.89
10-20	252.27
20-30	384.12
30-40	470.19
40-50	501.25
50-60	476.40
60-70	407.56
70-80	310.48
80-90	206.19
90-100	119.24
100-110	49.47
110-120	5.69
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

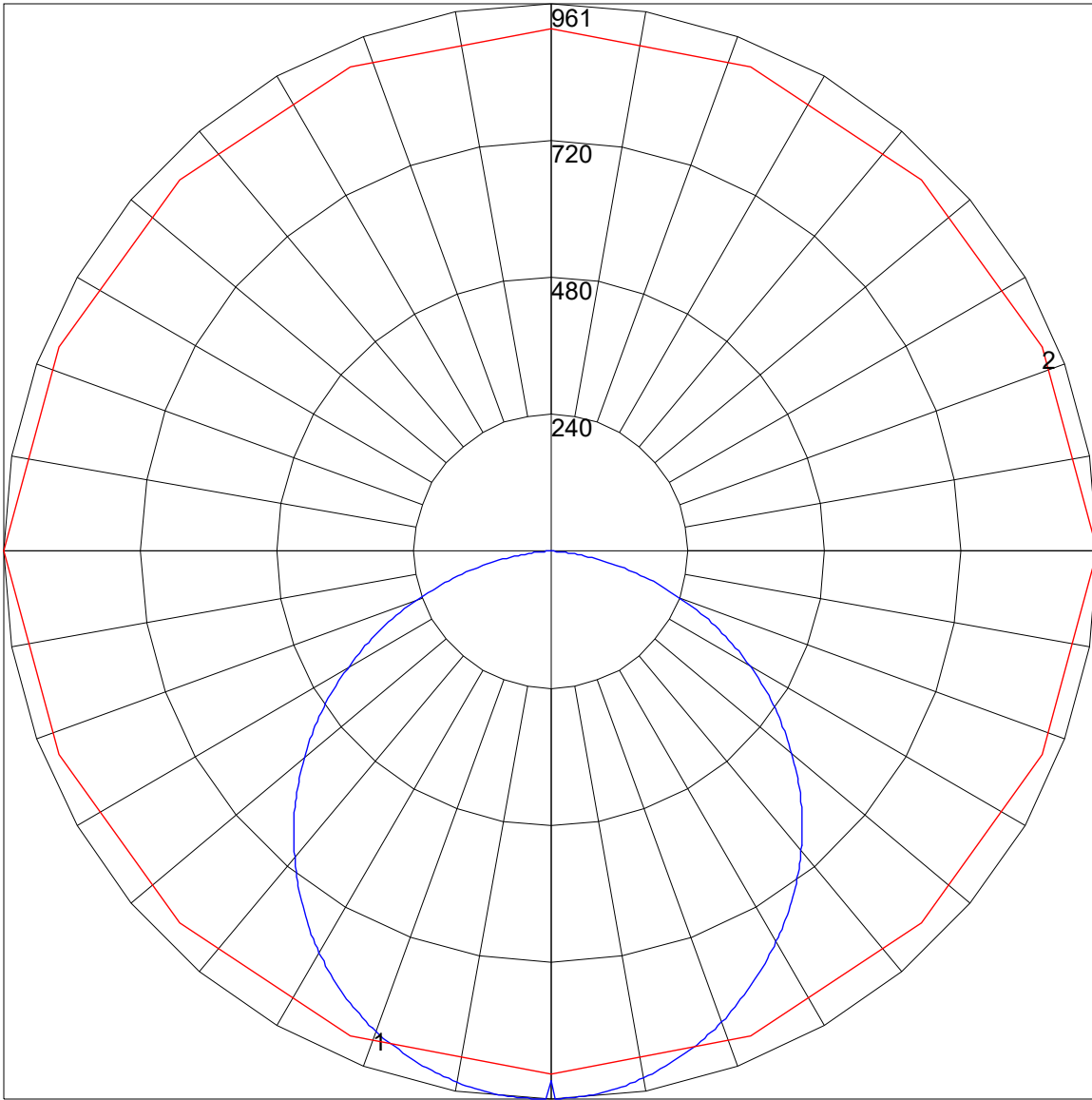
IES INDOOR REPORT
PHOTOMETRIC FILENAME : SSLED4850-XX.IES

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

RC	80				70				50			30			10			0	
	RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30		10
0	118	118	118	118	114	114	114	114	108	108	108	102	102	102	97	97	97	95	95
1	105	99	94	90	102	97	92	88	91	87	84	86	83	80	82	79	77	74	74
2	95	85	78	71	91	83	76	70	79	73	67	74	69	65	71	66	63	60	60
3	86	74	65	58	83	72	64	57	69	61	56	65	59	54	62	57	52	50	50
4	78	66	56	49	76	64	55	48	61	53	47	58	51	46	55	49	45	42	42
5	72	58	49	42	69	57	48	41	54	46	40	51	45	39	49	43	38	36	36
6	66	52	43	36	64	51	42	36	49	41	35	46	40	34	44	38	34	31	31
7	61	47	38	32	59	46	38	31	44	36	31	42	35	30	40	34	30	28	28
8	57	43	34	28	55	42	34	28	40	33	27	39	32	27	37	31	26	24	24
9	53	39	31	25	52	39	31	25	37	30	25	36	29	24	34	28	24	22	22
10	50	36	28	23	48	36	28	23	34	27	22	33	27	22	32	26	22	20	20

POLAR GRAPH



Maximum Candela = 960.504 Located At Horizontal Angle = 180, Vertical Angle = 1
1 - Vertical Plane Through Horizontal Angles (180 - 0) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (1) (Through Max. Cd.)