



IES INDOOR REPORT

PHOTOMETRIC FILENAME : SSLED4835-XX.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] 11890707.03P2

[TESTLAB] UL Verification Services Inc.

[ISSUEDATE] 8/15/2017

[MANUFAC] Lamar Lighting Co Inc

[LUMCAT] SSLED4835-XX

[LUMINAIRE] White formed steel housing, frosted plastic lens enclosure

[LAMP] 112 white LEDs

[BALLAST] One Espen VPL50-xxx-MVHDA-PD-2C driver

[OTHER] 25.6 C, 120.074 V, 0.204077 A, 24.4027 W, 0.995853 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	2831
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	116
Total Luminaire Watts	24.4027
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	16894	12949	12527
55	16005	11721	11591
65	14533	10570	10834
75	11639	9601	10224
85	4822	8715	9819

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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	803.379	803.379	803.379	803.379	803.379	803.379	803.379	803.379	803.379
0.5	830.833	808.463	796.567	795.956	793.008	796.465	796.363	808.667	830.935
1.0	830.731	808.158	796.363	796.160	792.804	796.363	796.668	808.463	831.240
1.5	830.426	807.853	796.058	795.855	792.703	796.262	796.668	808.362	831.240
2.0	829.918	807.548	795.651	795.651	792.499	796.262	796.567	808.463	830.935
2.5	829.308	807.141	795.245	795.245	792.398	796.160	796.262	808.260	830.731
3.0	829.003	806.531	794.635	794.635	792.296	795.753	795.956	807.853	830.223
3.5	828.189	805.921	794.025	794.431	791.788	795.550	795.550	807.345	830.223
4.0	827.478	805.108	793.414	793.923	791.381	795.245	795.245	806.836	829.714
4.5	826.867	804.396	792.906	793.313	790.974	794.838	794.736	806.328	829.409
5.0	825.546	803.481	792.093	792.703	790.567	794.330	794.228	805.616	828.494
5.5	824.834	802.769	791.381	792.194	789.957	793.720	793.414	805.006	828.189
6.0	823.715	801.549	790.466	791.279	789.347	793.109	792.906	804.294	827.071
6.5	822.597	800.634	789.449	790.669	788.941	792.194	792.093	803.379	826.461
7.0	821.377	799.312	788.737	789.957	788.127	791.584	791.483	802.464	825.749
7.5	820.156	798.295	787.822	788.941	787.415	790.669	790.567	801.549	824.630
8.0	818.835	796.973	786.500	788.229	786.602	789.856	789.754	800.634	823.614
8.5	816.903	795.550	785.585	787.314	785.687	788.941	788.839	799.414	822.088
9.0	815.581	794.126	784.467	785.992	784.873	787.924	788.025	797.990	820.970
9.5	813.446	792.499	783.145	785.178	783.551	787.212	787.110	796.872	819.851
10.0	811.717	791.076	781.925	784.060	782.433	786.297	785.890	795.651	818.123
10.5	809.683	789.347	780.501	782.840	781.416	785.280	784.873	794.228	816.496
11.0	807.751	787.822	779.077	781.620	780.298	783.856	783.551	792.703	815.276
11.5	805.616	786.297	777.552	780.399	778.874	782.636	781.925	790.872	813.751
12.0	803.074	784.365	776.027	778.874	777.756	781.213	780.603	789.246	812.022
12.5	800.939	782.230	774.299	777.552	776.230	779.789	779.179	787.619	810.090
13.0	798.092	780.298	772.570	775.925	774.909	778.264	777.349	785.788	808.158
13.5	796.160	778.162	770.740	774.502	773.587	776.841	775.620	783.958	806.226
14.0	793.516	775.824	768.808	772.875	772.265	775.010	773.892	781.620	804.294
14.5	790.974	773.688	766.876	771.248	770.435	773.282	771.960	779.484	802.261
15.0	788.635	771.451	764.842	769.418	768.909	771.553	770.333	777.146	800.024
15.5	786.297	769.011	762.707	767.588	767.283	769.825	768.096	774.909	797.888
16.0	783.551	766.469	760.572	765.656	765.554	768.096	766.062	772.367	795.753
16.5	780.908	764.029	758.538	763.622	764.029	766.266	763.724	770.028	793.313
17.0	777.959	761.487	756.199	761.588	762.300	764.232	761.283	767.384	790.872
17.5	775.315	758.741	753.861	759.453	760.368	762.402	758.741	764.741	788.737
18.0	772.163	756.199	751.319	757.216	758.233	760.368	756.301	762.097	786.500
18.5	769.214	753.454	749.082	754.979	756.098	758.233	753.759	759.250	783.958
19.0	766.367	750.505	746.540	752.437	754.064	755.793	751.014	756.403	781.213
19.5	763.114	747.760	743.998	750.098	751.929	753.454	748.268	753.759	778.467
20.0	759.758	744.709	741.252	747.760	749.488	751.115	745.726	750.810	775.620
20.5	756.708	741.761	738.812	745.218	746.946	748.472	742.981	747.862	772.773
21.0	753.352	738.812	736.067	742.777	744.506	745.828	740.337	744.913	769.723
21.5	749.895	735.660	733.626	740.337	742.269	743.184	737.592	741.964	766.469
22.0	746.235	732.406	730.779	737.795	739.625	740.337	734.846	739.117	763.317
22.5	742.777	729.356	727.830	735.151	737.185	737.592	732.203	735.863	760.267
23.0	739.117	726.000	725.187	732.711	734.643	734.948	729.457	732.813	756.606
23.5	735.355	722.645	722.238	730.067	732.101	732.406	726.509	729.559	753.657
24.0	731.593	719.289	719.391	727.322	729.254	729.559	723.763	726.407	750.200
24.5	728.034	715.832	716.442	724.780	726.712	726.712	720.916	723.051	746.641
25.0	724.068	712.172	713.493	721.933	724.170	724.170	717.967	719.899	742.981
25.5	720.306	708.714	710.341	719.086	721.221	721.425	715.120	716.646	739.320
26.0	716.341	705.156	707.393	715.934	718.679	718.781	711.867	713.188	735.558
26.5	712.477	701.495	704.037	712.985	715.629	715.934	708.918	709.731	731.999

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CANDELA TABULATION - (Cont.)

27.0	708.409	697.835	700.580	709.833	713.188	713.188	705.766	706.274	728.135
27.5	704.546	693.869	697.428	706.884	710.341	710.240	702.715	702.919	723.967
28.0	700.682	690.209	693.767	703.732	707.393	707.088	699.360	699.462	720.001
28.5	696.614	686.243	690.209	700.377	704.546	704.037	696.004	695.903	715.934
29.0	692.547	682.379	686.751	697.123	701.393	700.885	692.852	692.140	711.765
29.5	688.480	678.312	682.989	693.869	698.241	697.631	689.497	688.582	707.494
30.0	684.413	674.550	679.430	690.514	695.394	694.377	686.243	684.616	703.427
30.5	680.244	670.381	675.973	687.260	692.242	691.225	682.888	680.854	699.156
31.0	676.075	666.212	672.211	684.006	689.192	688.073	679.532	676.990	694.784
31.5	672.008	661.941	668.449	680.651	686.040	684.921	676.075	673.025	690.209
32.0	667.635	657.772	664.788	677.193	682.989	681.566	672.821	668.856	685.938
32.5	663.263	653.502	661.230	674.143	679.837	678.312	669.161	664.788	681.362
33.0	658.993	649.231	657.467	670.788	676.685	675.058	665.602	660.518	676.685
33.5	654.824	644.859	653.705	667.330	673.736	671.906	662.043	656.247	671.804
34.0	649.943	640.487	649.943	663.873	670.483	668.551	658.484	651.977	667.127
34.5	645.469	636.216	646.181	660.416	667.432	665.398	654.620	647.706	662.246
35.0	640.893	631.640	642.520	657.162	664.178	661.941	651.061	643.130	657.264
35.5	635.911	627.268	638.453	653.705	661.026	658.586	647.198	638.860	652.587
36.0	631.539	622.591	634.488	650.350	657.772	655.230	643.130	634.386	647.503
36.5	626.658	618.015	630.522	646.791	654.417	651.672	639.267	629.912	642.317
37.0	621.676	613.541	626.455	643.334	650.960	648.214	635.403	625.336	637.131
37.5	616.693	608.762	622.489	639.775	647.604	644.554	631.234	620.659	632.352
38.0	612.118	604.085	618.422	636.114	644.147	640.792	627.065	616.185	626.861
38.5	607.034	599.408	614.253	632.352	640.690	637.030	622.896	611.609	621.676
39.0	602.153	594.527	610.084	628.692	637.030	633.166	618.625	606.729	616.388
39.5	597.272	589.748	605.915	624.930	633.369	629.404	614.253	602.051	610.999
40.0	592.188	584.867	601.645	621.066	629.709	625.438	609.982	597.171	605.712
40.5	587.206	580.088	597.272	616.897	625.946	621.472	605.712	592.290	600.323
41.0	582.122	575.208	592.798	613.135	622.388	617.405	601.238	587.511	594.934
41.5	576.835	570.327	588.426	609.169	618.422	613.440	596.561	582.427	589.443
42.0	571.547	565.141	583.749	605.000	614.660	609.271	591.985	577.445	583.851
42.5	566.361	560.159	579.072	600.933	610.593	605.000	587.409	572.462	578.258
43.0	560.871	554.973	574.496	596.764	606.729	600.831	582.630	567.175	572.666
43.5	555.482	549.584	569.819	592.697	602.661	596.662	577.953	562.091	566.870
44.0	549.686	544.297	564.938	588.426	598.594	592.392	573.276	556.600	560.972
44.5	544.093	538.908	560.057	584.257	594.629	588.223	568.395	551.516	555.583
45.0	538.196	533.519	555.177	579.987	590.460	584.054	563.413	545.924	549.686
45.5	532.400	528.130	550.296	575.716	586.393	579.783	558.735	540.535	543.585
46.0	526.604	522.537	545.415	571.547	582.325	575.513	553.855	535.044	537.688
46.5	520.402	516.945	540.535	567.175	578.055	571.039	548.771	529.451	531.688
47.0	514.606	511.352	535.552	562.803	573.886	566.972	543.992	523.859	525.791
47.5	508.505	505.861	530.570	558.634	569.819	562.701	539.009	518.470	519.792
48.0	502.506	500.371	525.486	554.261	565.548	558.532	534.027	512.674	513.691
48.5	496.507	494.677	520.605	549.889	561.481	554.261	529.146	507.082	507.590
49.0	490.304	489.084	515.419	545.720	557.210	549.889	524.164	501.388	501.286
49.5	484.407	483.288	510.437	541.246	553.245	545.619	519.080	495.795	495.287
50.0	478.306	477.594	505.556	536.976	548.872	541.145	514.098	489.999	488.982
50.5	472.103	471.900	500.371	532.400	544.907	536.874	509.115	484.407	482.678
51.0	466.104	466.104	495.287	528.130	540.636	532.502	504.031	478.611	476.374
51.5	460.105	460.512	490.304	523.656	536.366	528.028	499.049	472.917	470.172
52.0	453.903	454.614	485.119	519.080	532.197	523.656	493.965	467.223	463.867
52.5	447.802	448.819	480.035	514.708	527.926	519.080	488.982	461.427	457.665
53.0	441.599	443.124	475.154	510.234	523.859	514.708	483.898	455.428	451.259
53.5	435.498	437.430	469.968	505.658	519.588	510.132	478.916	449.734	444.751
54.0	429.093	431.431	464.884	501.286	515.318	505.556	473.629	443.938	438.447
54.5	422.890	425.635	459.800	496.710	511.047	501.082	468.748	437.939	431.838

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CANDELA TABULATION - (Cont.)

55.0	416.484	419.636	454.614	492.135	506.777	496.609	463.664	432.041	425.229
55.5	409.977	413.739	449.632	487.661	502.404	492.135	458.580	426.144	418.619
56.0	403.571	407.841	444.345	483.085	498.032	487.762	453.496	420.246	412.010
56.5	396.961	401.842	439.261	478.611	493.965	483.288	448.412	414.145	405.299
57.0	390.352	395.945	434.177	474.035	489.694	478.916	443.328	408.248	398.588
57.5	383.641	389.945	428.787	469.663	485.424	474.442	438.345	402.147	391.674
58.0	377.235	383.845	423.703	465.189	481.255	470.070	433.363	396.250	384.861
58.5	370.321	377.845	418.518	460.817	476.984	465.596	428.177	390.047	378.049
59.0	363.712	371.745	413.434	456.241	472.917	461.122	423.195	384.048	370.931
59.5	356.798	365.847	408.350	451.767	468.646	456.851	418.009	378.049	364.017
60.0	350.188	359.746	403.164	447.497	464.579	452.479	413.027	371.846	357.204
60.5	343.274	353.849	398.182	443.124	460.309	448.005	407.943	365.644	350.290
61.0	336.665	347.850	393.199	438.752	456.241	443.633	402.961	359.645	343.579
61.5	329.852	341.850	388.319	434.380	451.971	439.261	397.877	353.340	336.766
62.0	323.141	335.750	383.336	430.008	447.802	434.787	392.793	347.443	330.056
62.5	316.329	329.852	378.456	425.635	443.735	430.211	387.708	341.240	323.243
63.0	309.414	323.853	373.473	421.365	439.464	425.839	382.624	335.038	316.532
63.5	302.602	317.956	368.694	416.891	435.295	421.466	377.439	328.835	309.719
64.0	295.687	311.956	363.915	412.620	431.024	417.094	372.355	322.735	302.907
64.5	288.773	306.161	359.136	408.248	426.652	412.519	367.271	316.532	296.094
65.0	281.859	300.060	354.256	403.774	422.280	408.146	362.390	310.533	289.282
65.5	274.945	294.162	349.375	399.503	418.111	403.571	357.509	304.432	282.367
66.0	267.827	288.265	344.799	395.131	413.840	399.097	352.629	298.331	275.555
66.5	260.709	282.469	340.020	390.759	409.672	394.826	347.748	292.332	268.437
67.0	253.693	276.571	335.343	386.387	405.401	390.251	343.071	286.435	261.421
67.5	246.677	270.572	330.767	382.014	401.130	385.980	338.393	280.435	254.202
68.0	239.560	264.777	326.090	377.642	396.860	381.506	333.818	274.538	247.084
68.5	232.442	258.879	321.514	373.270	392.487	377.235	329.242	268.437	239.763
69.0	225.324	253.083	316.837	368.898	388.420	372.965	324.768	262.540	232.544
69.5	218.410	247.287	312.261	364.525	384.048	368.593	320.193	256.642	225.223
70.0	211.394	241.492	307.584	360.255	379.981	364.322	315.515	250.745	217.902
70.5	204.378	235.696	302.907	355.882	375.710	359.950	310.838	244.949	210.581
71.0	197.159	230.002	298.331	351.612	371.440	355.679	306.161	239.051	203.361
71.5	190.143	224.308	293.654	347.240	367.271	351.408	301.382	233.256	196.040
72.0	183.229	218.817	289.078	342.766	363.102	347.036	296.603	227.460	189.024
72.5	176.314	213.224	284.299	338.495	358.831	342.766	291.925	221.664	181.703
73.0	169.298	207.734	279.825	334.224	354.662	338.292	287.045	216.071	174.687
73.5	162.282	202.243	275.148	329.954	350.392	334.021	282.266	210.377	167.671
74.0	155.470	196.956	270.471	325.480	346.223	329.649	277.690	204.887	160.655
74.5	148.657	191.770	265.997	321.209	342.054	325.277	272.911	199.396	153.741
75.0	141.743	186.584	261.421	316.939	337.885	320.803	268.234	194.108	146.725
75.5	134.930	181.602	256.845	312.668	333.818	316.634	263.556	188.719	139.811
76.0	128.219	176.619	252.371	308.398	329.649	312.363	258.879	183.635	132.998
76.5	121.407	171.637	247.898	304.127	325.378	307.889	254.303	178.653	126.186
77.0	114.696	166.858	243.424	299.856	321.311	303.619	249.728	173.671	119.475
77.5	107.883	162.181	238.950	295.687	317.142	299.348	245.254	168.790	112.764
78.0	101.152	157.503	234.577	291.519	313.075	295.179	240.678	164.113	105.951
78.5	94.594	152.826	230.103	287.350	308.906	290.908	236.306	159.435	99.261
79.0	88.259	148.149	225.833	283.181	304.839	286.740	231.832	154.758	92.733
79.5	81.782	143.370	221.461	279.012	300.771	282.469	227.460	149.877	86.418
80.0	75.559	138.489	217.088	275.046	296.704	278.300	223.189	145.098	79.982
80.5	69.306	133.710	212.818	270.776	292.637	274.131	218.817	140.218	73.678
81.0	63.266	128.931	208.649	266.708	288.671	270.064	214.546	135.439	67.638
81.5	57.439	124.254	204.378	262.641	284.604	265.895	210.276	130.558	61.649
82.0	51.837	119.576	200.108	258.472	280.639	261.828	206.107	125.779	55.874
82.5	46.265	115.001	195.939	254.303	276.470	257.659	201.836	121.203	50.312

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CANDELA TABULATION - (Cont.)

83.0	40.987	110.527	191.770	250.338	272.606	253.490	197.566	116.628	44.699
83.5	35.883	106.155	187.601	246.372	268.539	249.524	193.397	111.950	39.513
84.0	30.952	101.884	183.534	242.203	264.573	245.457	189.228	107.578	34.419
84.5	26.498	97.624	179.365	238.238	260.506	241.390	185.059	103.308	29.721
85.0	22.146	93.536	175.298	234.171	256.439	237.323	180.992	99.078	25.237
85.5	18.038	89.510	171.332	230.103	252.371	233.256	176.823	94.909	20.967
86.0	14.245	85.605	167.366	226.036	248.406	229.188	172.756	90.923	16.991
86.5	10.910	81.812	163.401	222.071	244.440	225.121	168.587	86.947	13.371
87.0	7.870	78.081	159.334	218.105	240.373	221.156	164.621	83.053	10.066
87.5	5.267	74.329	155.266	214.140	236.306	217.088	160.554	79.240	7.148
88.0	3.111	70.719	151.403	209.971	232.239	213.123	156.487	75.478	4.667
88.5	1.464	67.201	147.437	205.903	228.171	208.954	152.521	71.776	2.695
89.0	0.254	63.855	143.573	201.938	224.104	204.785	148.454	68.238	1.169
89.5	0.000	60.439	139.913	198.176	220.037	200.921	144.590	64.781	0.081
90.0	0.000	57.338	136.252	194.210	215.970	196.956	140.828	61.517	0.000
90.5	0.000	54.297	132.592	190.346	212.208	193.092	137.167	58.304	0.000
91.0	0.000	51.196	128.728	186.482	208.140	189.228	133.507	55.101	0.000
91.5	0.000	48.146	125.067	182.619	204.175	185.262	129.745	51.959	0.000
92.0	0.000	45.217	121.407	178.653	200.209	181.398	125.982	48.929	0.000
92.5	0.000	42.340	117.746	174.687	196.142	177.331	122.322	45.909	0.000
93.0	0.000	39.544	114.187	170.824	192.075	173.366	118.661	42.991	0.000
93.5	0.000	36.768	110.527	166.858	188.211	169.502	115.001	40.194	0.000
94.0	0.000	34.083	107.070	162.892	184.144	165.536	111.442	37.378	0.000
94.5	0.000	31.328	103.511	159.029	180.178	161.672	107.782	34.612	0.000
95.0	0.000	28.674	100.023	155.165	176.111	157.707	104.324	31.887	0.000
95.5	0.000	26.071	96.546	151.199	172.145	153.945	100.796	29.203	0.000
96.0	0.000	23.387	93.129	147.437	168.180	150.081	97.288	26.498	0.000
96.5	0.000	20.784	89.693	143.573	164.214	146.319	93.790	23.722	0.000
97.0	0.000	18.170	86.388	139.811	160.249	142.455	90.272	21.078	0.000
97.5	0.000	15.557	82.941	136.150	156.283	138.591	86.754	18.384	0.000
98.0	0.000	12.863	79.555	132.287	152.318	134.829	83.276	15.669	0.000
98.5	0.000	10.199	76.139	128.524	148.454	131.066	79.870	12.934	0.000
99.0	0.000	7.535	72.824	124.762	144.590	127.203	76.393	10.229	0.000
99.5	0.000	4.891	69.367	121.000	140.624	123.339	72.925	7.484	0.000
100.0	0.000	2.451	65.950	117.238	136.659	119.576	69.377	4.840	0.000
100.5	0.000	0.641	62.513	113.476	132.897	115.814	65.940	2.674	0.000
101.0	0.000	0.000	59.127	109.713	128.931	112.052	62.432	1.027	0.000
101.5	0.000	0.000	55.680	105.850	124.966	108.188	58.975	0.254	0.000
102.0	0.000	0.000	52.172	102.087	121.203	104.324	55.416	0.000	0.000
102.5	0.000	0.000	48.695	98.346	117.136	100.542	51.979	0.000	0.000
103.0	0.000	0.000	45.136	94.502	113.171	96.688	48.441	0.000	0.000
103.5	0.000	0.000	41.557	90.638	109.307	92.804	44.902	0.000	0.000
104.0	0.000	0.000	38.049	86.825	105.341	89.011	41.313	0.000	0.000
104.5	0.000	0.000	34.490	83.012	101.426	85.117	37.652	0.000	0.000
105.0	0.000	0.000	30.799	79.189	97.380	81.263	34.053	0.000	0.000
105.5	0.000	0.000	27.200	75.284	93.455	77.379	30.403	0.000	0.000
106.0	0.000	0.000	23.478	71.339	89.438	73.464	26.640	0.000	0.000
106.5	0.000	0.000	19.828	67.506	85.391	69.519	22.888	0.000	0.000
107.0	0.000	0.000	16.188	63.469	81.324	65.594	19.136	0.000	0.000
107.5	0.000	0.000	12.395	59.493	77.176	61.568	15.333	0.000	0.000
108.0	0.000	0.000	8.795	55.548	73.169	57.531	11.642	0.000	0.000
108.5	0.000	0.000	5.369	51.471	69.031	53.464	8.236	0.000	0.000
109.0	0.000	0.000	2.776	47.424	64.903	49.396	5.389	0.000	0.000
109.5	0.000	0.000	1.241	43.326	60.734	45.238	3.020	0.000	0.000
110.0	0.000	0.000	0.468	39.239	56.534	41.059	1.515	0.000	0.000
110.5	0.000	0.000	0.081	34.998	52.264	36.808	0.630	0.000	0.000

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CANDELA TABULATION - (Cont.)

111.0	0.000	0.000	0.000	30.789	47.942	32.629	0.081	0.000	0.000
111.5	0.000	0.000	0.000	26.528	43.702	28.359	0.000	0.000	0.000
112.0	0.000	0.000	0.000	22.197	39.401	24.027	0.000	0.000	0.000
112.5	0.000	0.000	0.000	17.926	35.009	19.746	0.000	0.000	0.000
113.0	0.000	0.000	0.000	13.666	30.636	15.486	0.000	0.000	0.000
113.5	0.000	0.000	0.000	9.711	26.122	11.480	0.000	0.000	0.000
114.0	0.000	0.000	0.000	6.294	21.627	8.124	0.000	0.000	0.000
114.5	0.000	0.000	0.000	3.549	17.235	5.125	0.000	0.000	0.000
115.0	0.000	0.000	0.000	1.830	12.964	2.878	0.000	0.000	0.000
115.5	0.000	0.000	0.000	0.885	9.222	1.647	0.000	0.000	0.000
116.0	0.000	0.000	0.000	0.305	5.969	0.763	0.000	0.000	0.000
116.5	0.000	0.000	0.000	0.000	3.355	0.112	0.000	0.000	0.000
117.0	0.000	0.000	0.000	0.000	1.871	0.000	0.000	0.000	0.000
117.5	0.000	0.000	0.000	0.000	0.935	0.000	0.000	0.000	0.000
118.0	0.000	0.000	0.000	0.000	0.244	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

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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	294.37	N.A.	10.40
0-30	626.80	N.A.	22.10
0-40	1033.71	N.A.	36.50
0-60	1879.79	N.A.	66.40
0-80	2501.2	N.A.	88.40
0-90	2679.64	N.A.	94.70
10-90	2603.58	N.A.	92.00
20-40	739.34	N.A.	26.10
20-50	1173.13	N.A.	41.40
40-70	1198.79	N.A.	42.40
60-80	621.40	N.A.	22.00
70-80	268.69	N.A.	9.50
80-90	178.44	N.A.	6.30
90-110	146.00	N.A.	5.20
90-120	150.93	N.A.	5.30
90-130	150.93	N.A.	5.30
90-150	150.93	N.A.	5.30
90-180	150.93	N.A.	5.30
110-180	4.92	N.A.	0.20
0-180	2830.57	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	76.06
10-20	218.32
20-30	332.42
30-40	406.92
40-50	433.79
50-60	412.29
60-70	352.71
70-80	268.69
80-90	178.44
90-100	103.19
100-110	42.81
110-120	4.92
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

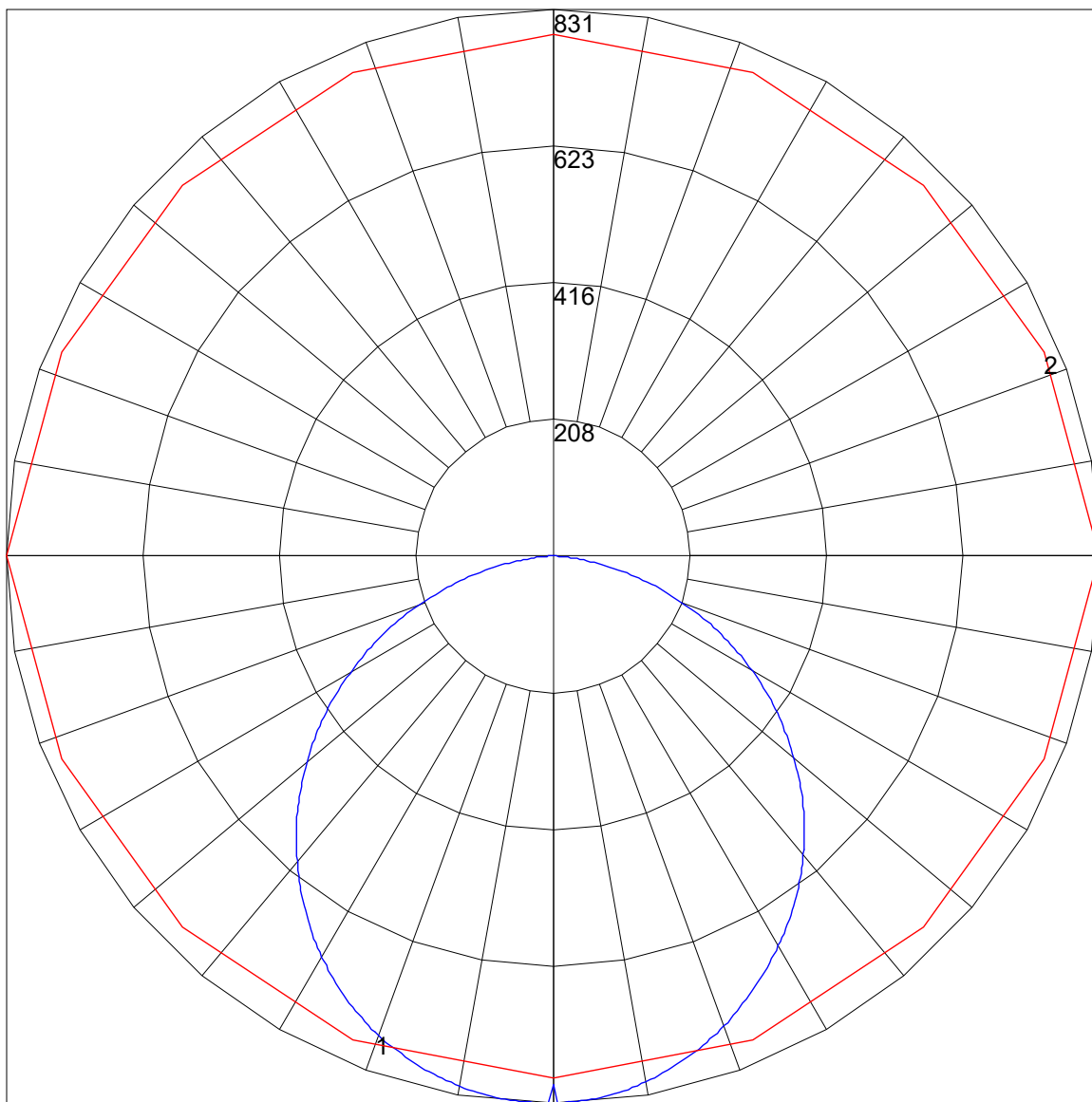
IES INDOOR REPORT
PHOTOMETRIC FILENAME : SSLED4835-XX.IES

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

POLAR GRAPH



Maximum Candela = 831.24 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.)