



IES INDOOR REPORT

PHOTOMETRIC FILENAME : SSLED4840-XX.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] 11890707.03P3

[TESTLAB] UL Verification Services Inc.

[ISSUEDATE] 8/15/2017

[MANUFAC] Lamar Lighting Co Inc

[LUMCAT] SSLED4840-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	2924
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	120
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	17452	13377	12941
55	16534	12109	11975
65	15013	10919	11192
75	12023	9918	10562
85	4982	9003	10144

IES INDOOR REPORT
PHOTOMETRIC FILENAME : SSLED4840-XX.IES

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	829.937	829.937	829.937	829.937	829.937	829.937	829.937	829.937	829.937
0.5	858.298	835.189	822.899	822.269	819.223	822.794	822.689	835.399	858.403
1.0	858.193	834.874	822.689	822.479	819.013	822.689	823.004	835.189	858.718
1.5	857.878	834.559	822.374	822.164	818.907	822.584	823.004	835.084	858.718
2.0	857.353	834.244	821.954	821.954	818.697	822.584	822.899	835.189	858.403
2.5	856.723	833.823	821.534	821.534	818.592	822.479	822.584	834.979	858.193
3.0	856.407	833.193	820.903	820.903	818.487	822.059	822.269	834.559	857.668
3.5	855.567	832.563	820.273	820.693	817.962	821.849	821.849	834.034	857.668
4.0	854.832	831.723	819.643	820.168	817.542	821.534	821.534	833.508	857.143
4.5	854.202	830.987	819.118	819.538	817.122	821.113	821.008	832.983	856.828
5.0	852.836	830.042	818.277	818.907	816.702	820.588	820.483	832.248	855.882
5.5	852.101	829.307	817.542	818.382	816.071	819.958	819.643	831.618	855.567
6.0	850.945	828.046	816.597	817.437	815.441	819.328	819.118	830.882	854.412
6.5	849.790	827.101	815.546	816.807	815.021	818.382	818.277	829.937	853.781
7.0	848.529	825.735	814.811	816.071	814.181	817.752	817.647	828.992	853.046
7.5	847.269	824.685	813.865	815.021	813.445	816.807	816.702	828.046	851.891
8.0	845.903	823.319	812.500	814.286	812.605	815.966	815.861	827.101	850.840
8.5	843.907	821.849	811.555	813.340	811.660	815.021	814.916	825.840	849.265
9.0	842.542	820.378	810.399	811.975	810.819	813.970	814.076	824.370	848.109
9.5	840.336	818.697	809.034	811.134	809.454	813.235	813.130	823.214	846.954
10.0	838.550	817.227	807.773	809.979	808.298	812.290	811.870	821.954	845.168
10.5	836.449	815.441	806.302	808.718	807.248	811.239	810.819	820.483	843.487
11.0	834.454	813.865	804.832	807.458	806.092	809.769	809.454	818.907	842.227
11.5	832.248	812.290	803.256	806.197	804.622	808.508	807.773	817.017	840.651
12.0	829.622	810.294	801.681	804.622	803.466	807.038	806.407	815.336	838.865
12.5	827.416	808.088	799.895	803.256	801.891	805.567	804.937	813.655	836.870
13.0	824.475	806.092	798.109	801.576	800.525	803.992	803.046	811.765	834.874
13.5	822.479	803.886	796.218	800.105	799.160	802.521	801.260	809.874	832.878
14.0	819.748	801.470	794.223	798.424	797.794	800.630	799.475	807.458	830.882
14.5	817.122	799.265	792.227	796.744	795.903	798.844	797.479	805.252	828.781
15.0	814.706	796.954	790.126	794.853	794.328	797.059	795.798	802.836	826.470
15.5	812.290	794.433	787.920	792.962	792.647	795.273	793.487	800.525	824.265
16.0	809.454	791.807	785.714	790.966	790.861	793.487	791.386	797.899	822.059
16.5	806.723	789.286	783.613	788.865	789.286	791.597	788.970	795.483	819.538
17.0	803.676	786.660	781.197	786.765	787.500	789.496	786.449	792.752	817.017
17.5	800.945	783.823	778.781	784.559	785.504	787.605	783.823	790.021	814.811
18.0	797.689	781.197	776.155	782.248	783.298	785.504	781.302	787.290	812.500
18.5	794.643	778.361	773.844	779.937	781.092	783.298	778.676	784.349	809.874
19.0	791.702	775.315	771.218	777.311	778.992	780.777	775.840	781.407	807.038
19.5	788.340	772.479	768.592	774.895	776.786	778.361	773.004	778.676	804.202
20.0	784.874	769.328	765.756	772.479	774.265	775.945	770.378	775.630	801.260
20.5	781.723	766.281	763.235	769.853	771.639	773.214	767.542	772.584	798.319
21.0	778.256	763.235	760.399	767.332	769.118	770.483	764.811	769.538	795.168
21.5	774.685	759.979	757.878	764.811	766.807	767.752	761.975	766.492	791.807
22.0	770.903	756.618	754.937	762.185	764.076	764.811	759.139	763.550	788.550
22.5	767.332	753.466	751.891	759.454	761.555	761.975	756.407	760.189	785.399
23.0	763.550	750.000	749.160	756.933	758.928	759.244	753.571	757.038	781.618
23.5	759.664	746.534	746.113	754.202	756.302	756.618	750.525	753.676	778.571
24.0	755.777	743.067	743.172	751.365	753.361	753.676	747.689	750.420	775.000
24.5	752.101	739.496	740.126	748.739	750.735	750.735	744.748	746.954	771.323
25.0	748.004	735.714	737.080	745.798	748.109	748.109	741.702	743.697	767.542
25.5	744.118	732.143	733.823	742.857	745.063	745.273	738.760	740.336	763.760
26.0	740.021	728.466	730.777	739.601	742.437	742.542	735.399	736.765	759.874
26.5	736.029	724.685	727.311	736.555	739.286	739.601	732.353	733.193	756.197

IES INDOOR REPORT
PHOTOMETRIC FILENAME : SSLED4840-XX.IES

CANDELA TABULATION - (Cont.)

27.0	731.828	720.903	723.739	733.298	736.765	736.765	729.097	729.622	752.206
27.5	727.836	716.807	720.483	730.252	733.823	733.718	725.945	726.155	747.899
28.0	723.844	713.025	716.702	726.996	730.777	730.462	722.479	722.584	743.802
28.5	719.643	708.928	713.025	723.529	727.836	727.311	719.013	718.907	739.601
29.0	715.441	704.937	709.454	720.168	724.580	724.055	715.756	715.021	735.294
29.5	711.239	700.735	705.567	716.807	721.323	720.693	712.290	711.344	730.882
30.0	707.038	696.849	701.891	713.340	718.382	717.332	708.928	707.248	726.681
30.5	702.731	692.542	698.319	709.979	715.126	714.076	705.462	703.361	722.269
31.0	698.424	688.235	694.433	706.618	711.975	710.819	701.996	699.370	717.752
31.5	694.223	683.823	690.546	703.151	708.718	707.563	698.424	695.273	713.025
32.0	689.706	679.517	686.765	699.580	705.567	704.097	695.063	690.966	708.613
32.5	685.189	675.105	683.088	696.428	702.311	700.735	691.281	686.765	703.886
33.0	680.777	670.693	679.202	692.962	699.055	697.374	687.605	682.353	699.055
33.5	676.471	666.176	675.315	689.391	696.008	694.118	683.928	677.941	694.013
34.0	671.428	661.660	671.428	685.819	692.647	690.651	680.252	673.529	689.181
34.5	666.807	657.248	667.542	682.248	689.496	687.395	676.260	669.118	684.139
35.0	662.080	652.521	663.760	678.886	686.134	683.823	672.584	664.391	678.992
35.5	656.933	648.004	659.559	675.315	682.878	680.357	668.592	659.979	674.160
36.0	652.416	643.172	655.462	671.849	679.517	676.891	664.391	655.357	668.907
36.5	647.374	638.445	651.365	668.172	676.050	673.214	660.399	650.735	663.550
37.0	642.227	633.823	647.164	664.601	672.479	669.643	656.407	646.008	658.193
37.5	637.080	628.886	643.067	660.924	669.013	665.861	652.101	641.176	653.256
38.0	632.353	624.055	638.865	657.143	665.441	661.975	647.794	636.555	647.584
38.5	627.101	619.223	634.559	653.256	661.870	658.088	643.487	631.828	642.227
39.0	622.059	614.181	630.252	649.475	658.088	654.097	639.076	626.786	636.765
39.5	617.017	609.244	625.945	645.588	654.307	650.210	634.559	621.954	631.197
40.0	611.765	604.202	621.534	641.597	650.525	646.113	630.147	616.912	625.735
40.5	606.618	599.265	617.017	637.290	646.639	642.017	625.735	611.870	620.168
41.0	601.365	594.223	612.395	633.403	642.962	637.815	621.113	606.933	614.601
41.5	595.903	589.181	607.878	629.307	638.865	633.718	616.281	601.681	608.929
42.0	590.441	583.823	603.046	625.000	634.979	629.412	611.555	596.534	603.151
42.5	585.084	578.676	598.214	620.798	630.777	625.000	606.828	591.386	597.374
43.0	579.412	573.319	593.487	616.492	626.786	620.693	601.891	585.924	591.597
43.5	573.844	567.752	588.655	612.290	622.584	616.386	597.059	580.672	585.609
44.0	567.857	562.290	583.613	607.878	618.382	611.975	592.227	575.000	579.517
44.5	562.080	556.723	578.571	603.571	614.286	607.668	587.185	569.748	573.950
45.0	555.987	551.155	573.529	599.160	609.979	603.361	582.038	563.971	567.857
45.5	550.000	545.588	568.487	594.748	605.777	598.950	577.206	558.403	561.555
46.0	544.013	539.811	563.445	590.441	601.576	594.538	572.164	552.731	555.462
46.5	537.605	534.034	558.403	585.924	597.164	589.916	566.912	546.954	549.265
47.0	531.618	528.256	553.256	581.407	592.857	585.714	561.975	541.176	543.172
47.5	525.315	522.584	548.109	577.101	588.655	581.302	556.828	535.609	536.975
48.0	519.118	516.912	542.857	572.584	584.244	576.996	551.681	529.622	530.672
48.5	512.920	511.029	537.815	568.067	580.042	572.584	546.639	523.844	524.370
49.0	506.513	505.252	532.458	563.760	575.630	568.067	541.492	517.962	517.857
49.5	500.420	499.265	527.311	559.139	571.534	563.655	536.239	512.185	511.660
50.0	494.118	493.382	522.269	554.727	567.017	559.034	531.092	506.197	505.147
50.5	487.710	487.500	516.912	550.000	562.920	554.622	525.945	500.420	498.634
51.0	481.513	481.513	511.660	545.588	558.508	550.105	520.693	494.433	492.122
51.5	475.315	475.735	506.513	540.966	554.097	545.483	515.546	488.550	485.714
52.0	468.908	469.643	501.155	536.239	549.790	540.966	510.294	482.668	479.202
52.5	462.605	463.655	495.903	531.723	545.378	536.239	505.147	476.681	472.794
53.0	456.197	457.773	490.861	527.101	541.176	531.723	499.895	470.483	466.176
53.5	449.895	451.891	485.504	522.374	536.765	526.996	494.748	464.601	459.454
54.0	443.277	445.693	480.252	517.857	532.353	522.269	489.286	458.613	452.941
54.5	436.870	439.706	475.000	513.130	527.941	517.647	484.244	452.416	446.113

IES INDOOR REPORT
PHOTOMETRIC FILENAME : SSLED4840-XX.IES

CANDELA TABULATION - (Cont.)

55.0	430.252	433.508	469.643	508.403	523.529	513.025	478.992	446.323	439.286
55.5	423.529	427.416	464.496	503.781	519.013	508.403	473.739	440.231	432.458
56.0	416.912	421.323	459.034	499.055	514.496	503.886	468.487	434.139	425.630
56.5	410.084	415.126	453.781	494.433	510.294	499.265	463.235	427.836	418.697
57.0	403.256	409.034	448.529	489.706	505.882	494.748	457.983	421.744	411.765
57.5	396.323	402.836	442.962	485.189	501.471	490.126	452.836	415.441	404.622
58.0	389.706	396.534	437.710	480.567	497.164	485.609	447.689	409.349	397.584
58.5	382.563	390.336	432.353	476.050	492.752	480.987	442.332	402.941	390.546
59.0	375.735	384.034	427.101	471.323	488.550	476.365	437.185	396.744	383.193
59.5	368.592	377.941	421.849	466.702	484.139	471.954	431.828	390.546	376.050
60.0	361.765	371.639	416.492	462.290	479.937	467.437	426.681	384.139	369.013
60.5	354.622	365.546	411.344	457.773	475.525	462.815	421.429	377.731	361.870
61.0	347.794	359.349	406.197	453.256	471.323	458.298	416.281	371.534	354.937
61.5	340.756	353.151	401.155	448.739	466.912	453.781	411.029	365.021	347.899
62.0	333.823	346.849	396.008	444.223	462.605	449.160	405.777	358.929	340.966
62.5	326.786	340.756	390.966	439.706	458.403	444.433	400.525	352.521	333.929
63.0	319.643	334.559	385.819	435.294	453.992	439.916	395.273	346.113	326.996
63.5	312.605	328.466	380.882	430.672	449.685	435.399	389.916	339.706	319.958
64.0	305.462	322.269	375.945	426.260	445.273	430.882	384.664	333.403	312.920
64.5	298.319	316.281	371.008	421.744	440.756	426.155	379.412	326.996	305.882
65.0	291.176	309.979	365.966	417.122	436.239	421.639	374.370	320.798	298.845
65.5	284.034	303.887	360.924	412.710	431.933	416.912	369.328	314.496	291.702
66.0	276.681	297.794	356.197	408.193	427.521	412.290	364.286	308.193	284.664
66.5	269.328	291.807	351.260	403.676	423.214	407.878	359.244	301.996	277.311
67.0	262.080	285.714	346.429	399.160	418.802	403.151	354.412	295.903	270.063
67.5	254.832	279.517	341.702	394.643	414.391	398.739	349.580	289.706	262.605
68.0	247.479	273.529	336.870	390.126	409.979	394.118	344.853	283.613	255.252
68.5	240.126	267.437	332.143	385.609	405.462	389.706	340.126	277.311	247.689
69.0	232.773	261.450	327.311	381.092	401.260	385.294	335.504	271.218	240.231
69.5	225.630	255.462	322.584	376.576	396.744	380.777	330.777	265.126	232.668
70.0	218.382	249.475	317.752	372.164	392.542	376.366	325.945	259.034	225.105
70.5	211.134	243.487	312.920	367.647	388.130	371.849	321.113	253.046	217.542
71.0	203.676	237.605	308.193	363.235	383.718	367.437	316.281	246.954	210.084
71.5	196.429	231.723	303.361	358.718	379.412	363.025	311.345	240.966	202.521
72.0	189.286	226.050	298.634	354.097	375.105	358.508	306.408	234.979	195.273
72.5	182.143	220.273	293.697	349.685	370.693	354.097	301.576	228.992	187.710
73.0	174.895	214.601	289.076	345.273	366.387	349.475	296.534	223.214	180.462
73.5	167.647	208.929	284.244	340.861	361.975	345.063	291.597	217.332	173.214
74.0	160.609	203.466	279.412	336.239	357.668	340.546	286.870	211.660	165.966
74.5	153.571	198.109	274.790	331.828	353.361	336.029	281.933	205.987	158.824
75.0	146.429	192.752	270.063	327.416	349.055	331.408	277.101	200.525	151.576
75.5	139.391	187.605	265.336	323.004	344.853	327.101	272.269	194.958	144.433
76.0	132.458	182.458	260.714	318.592	340.546	322.689	267.437	189.706	137.395
76.5	125.420	177.311	256.092	314.181	336.134	318.067	262.710	184.559	130.357
77.0	118.487	172.374	251.471	309.769	331.933	313.655	257.983	179.412	123.424
77.5	111.450	167.542	246.849	305.462	327.626	309.244	253.361	174.370	116.492
78.0	104.496	162.710	242.332	301.155	323.424	304.937	248.634	169.538	109.454
78.5	97.721	157.878	237.710	296.849	319.118	300.525	244.118	164.706	102.542
79.0	91.176	153.046	233.298	292.542	314.916	296.218	239.496	159.874	95.798
79.5	84.485	148.109	228.781	288.235	310.714	291.807	234.979	154.832	89.275
80.0	78.057	143.067	224.265	284.139	306.513	287.500	230.567	149.895	82.626
80.5	71.597	138.130	219.853	279.727	302.311	283.193	226.050	144.853	76.113
81.0	65.357	133.193	215.546	275.525	298.214	278.992	221.639	139.916	69.874
81.5	59.338	128.361	211.134	271.323	294.013	274.685	217.227	134.874	63.687
82.0	53.550	123.529	206.723	267.017	289.916	270.483	212.920	129.937	57.721
82.5	47.794	118.803	202.416	262.710	285.609	266.176	208.508	125.210	51.975

IES INDOOR REPORT
PHOTOMETRIC FILENAME : SSLED4840-XX.IES

CANDELA TABULATION - (Cont.)

83.0	42.342	114.181	198.109	258.613	281.618	261.870	204.097	120.483	46.176
83.5	37.069	109.664	193.802	254.517	277.416	257.773	199.790	115.651	40.819
84.0	31.975	105.252	189.601	250.210	273.319	253.571	195.483	111.134	35.557
84.5	27.374	100.851	185.294	246.113	269.118	249.370	191.176	106.723	30.704
85.0	22.878	96.628	181.092	241.912	264.916	245.168	186.975	102.353	26.071
85.5	18.634	92.468	176.996	237.710	260.714	240.966	182.668	98.046	21.660
86.0	14.716	88.435	172.899	233.508	256.618	236.765	178.466	93.929	17.553
86.5	11.271	84.517	168.803	229.412	252.521	232.563	174.160	89.821	13.813
87.0	8.130	80.662	164.601	225.315	248.319	228.466	170.063	85.798	10.399
87.5	5.441	76.786	160.399	221.218	244.118	224.265	165.861	81.859	7.384
88.0	3.214	73.057	156.408	216.912	239.916	220.168	161.660	77.973	4.821
88.5	1.513	69.422	152.311	212.710	235.714	215.861	157.563	74.149	2.784
89.0	0.263	65.966	148.319	208.613	231.513	211.555	153.361	70.494	1.208
89.5	0.000	62.437	144.538	204.727	227.311	207.563	149.370	66.922	0.084
90.0	0.000	59.233	140.756	200.630	223.109	203.466	145.483	63.550	0.000
90.5	0.000	56.092	136.975	196.639	219.223	199.475	141.702	60.231	0.000
91.0	0.000	52.889	132.983	192.647	215.021	195.483	137.920	56.922	0.000
91.5	0.000	49.737	129.202	188.655	210.924	191.387	134.034	53.676	0.000
92.0	0.000	46.712	125.420	184.559	206.828	187.395	130.147	50.546	0.000
92.5	0.000	43.739	121.639	180.462	202.626	183.193	126.366	47.426	0.000
93.0	0.000	40.851	117.962	176.471	198.424	179.097	122.584	44.412	0.000
93.5	0.000	37.983	114.181	172.374	194.433	175.105	118.803	41.523	0.000
94.0	0.000	35.210	110.609	168.277	190.231	171.008	115.126	38.613	0.000
94.5	0.000	32.363	106.933	164.286	186.134	167.017	111.345	35.756	0.000
95.0	0.000	29.622	103.330	160.294	181.933	162.920	107.773	32.941	0.000
95.5	0.000	26.933	99.737	156.197	177.836	159.034	104.128	30.168	0.000
96.0	0.000	24.160	96.208	152.311	173.739	155.042	100.504	27.374	0.000
96.5	0.000	21.471	92.658	148.319	169.643	151.155	96.891	24.506	0.000
97.0	0.000	18.771	89.244	144.433	165.546	147.164	93.256	21.775	0.000
97.5	0.000	16.071	85.683	140.651	161.450	143.172	89.622	18.992	0.000
98.0	0.000	13.288	82.185	136.660	157.353	139.286	86.029	16.187	0.000
98.5	0.000	10.536	78.655	132.773	153.361	135.399	82.510	13.361	0.000
99.0	0.000	7.784	75.231	128.887	149.370	131.408	78.918	10.567	0.000
99.5	0.000	5.053	71.660	125.000	145.273	127.416	75.336	7.731	0.000
100.0	0.000	2.532	68.130	121.113	141.176	123.529	71.670	5.000	0.000
100.5	0.000	0.662	64.580	117.227	137.290	119.643	68.120	2.763	0.000
101.0	0.000	0.000	61.082	113.340	133.193	115.756	64.496	1.061	0.000
101.5	0.000	0.000	57.521	109.349	129.097	111.765	60.924	0.263	0.000
102.0	0.000	0.000	53.897	105.462	125.210	107.773	57.248	0.000	0.000
102.5	0.000	0.000	50.305	101.597	121.008	103.866	53.697	0.000	0.000
103.0	0.000	0.000	46.628	97.626	116.912	99.884	50.042	0.000	0.000
103.5	0.000	0.000	42.931	93.634	112.920	95.872	46.387	0.000	0.000
104.0	0.000	0.000	39.307	89.695	108.824	91.954	42.679	0.000	0.000
104.5	0.000	0.000	35.630	85.756	104.779	87.931	38.897	0.000	0.000
105.0	0.000	0.000	31.817	81.807	100.599	83.950	35.179	0.000	0.000
105.5	0.000	0.000	28.099	77.773	96.544	79.937	31.408	0.000	0.000
106.0	0.000	0.000	24.254	73.697	92.395	75.893	27.521	0.000	0.000
106.5	0.000	0.000	20.483	69.737	88.214	71.817	23.645	0.000	0.000
107.0	0.000	0.000	16.723	65.567	84.013	67.763	19.769	0.000	0.000
107.5	0.000	0.000	12.805	61.460	79.727	63.603	15.840	0.000	0.000
108.0	0.000	0.000	9.086	57.384	75.588	59.433	12.027	0.000	0.000
108.5	0.000	0.000	5.546	53.172	71.313	55.231	8.508	0.000	0.000
109.0	0.000	0.000	2.868	48.992	67.048	51.029	5.567	0.000	0.000
109.5	0.000	0.000	1.282	44.758	62.742	46.733	3.120	0.000	0.000
110.0	0.000	0.000	0.483	40.536	58.403	42.416	1.565	0.000	0.000
110.5	0.000	0.000	0.084	36.155	53.992	38.025	0.651	0.000	0.000

IES INDOOR REPORT
PHOTOMETRIC FILENAME : SSLED4840-XX.IES

CANDELA TABULATION - (Cont.)

111.0	0.000	0.000	0.000	31.807	49.527	33.708	0.084	0.000	0.000
111.5	0.000	0.000	0.000	27.405	45.147	29.296	0.000	0.000	0.000
112.0	0.000	0.000	0.000	22.931	40.704	24.821	0.000	0.000	0.000
112.5	0.000	0.000	0.000	18.519	36.166	20.399	0.000	0.000	0.000
113.0	0.000	0.000	0.000	14.118	31.649	15.998	0.000	0.000	0.000
113.5	0.000	0.000	0.000	10.032	26.985	11.859	0.000	0.000	0.000
114.0	0.000	0.000	0.000	6.502	22.342	8.393	0.000	0.000	0.000
114.5	0.000	0.000	0.000	3.666	17.805	5.294	0.000	0.000	0.000
115.0	0.000	0.000	0.000	1.891	13.393	2.973	0.000	0.000	0.000
115.5	0.000	0.000	0.000	0.914	9.527	1.702	0.000	0.000	0.000
116.0	0.000	0.000	0.000	0.315	6.166	0.788	0.000	0.000	0.000
116.5	0.000	0.000	0.000	0.000	3.466	0.116	0.000	0.000	0.000
117.0	0.000	0.000	0.000	0.000	1.933	0.000	0.000	0.000	0.000
117.5	0.000	0.000	0.000	0.000	0.966	0.000	0.000	0.000	0.000
118.0	0.000	0.000	0.000	0.000	0.252	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
PHOTOMETRIC FILENAME : SSLED4840-XX.IES

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

IES INDOOR REPORT
PHOTOMETRIC FILENAME : SSLED4840-XX.IES

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

IES INDOOR REPORT
PHOTOMETRIC FILENAME : SSLED4840-XX.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	304.11	N.A.	10.40
0-30	647.52	N.A.	22.10
0-40	1067.88	N.A.	36.50
0-60	1941.94	N.A.	66.40
0-80	2583.88	N.A.	88.40
0-90	2768.22	N.A.	94.70
10-90	2689.65	N.A.	92.00
20-40	763.78	N.A.	26.10
20-50	1211.91	N.A.	41.40
40-70	1238.42	N.A.	42.40
60-80	641.94	N.A.	22.00
70-80	277.57	N.A.	9.50
80-90	184.34	N.A.	6.30
90-110	150.83	N.A.	5.20
90-120	155.91	N.A.	5.30
90-130	155.91	N.A.	5.30
90-150	155.91	N.A.	5.30
90-180	155.91	N.A.	5.30
110-180	5.08	N.A.	0.20
0-180	2924.14	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	78.57
10-20	225.53
20-30	343.41
30-40	420.37
40-50	448.13
50-60	425.92
60-70	364.37
70-80	277.57
80-90	184.34
90-100	106.61
100-110	44.23
110-120	5.08
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

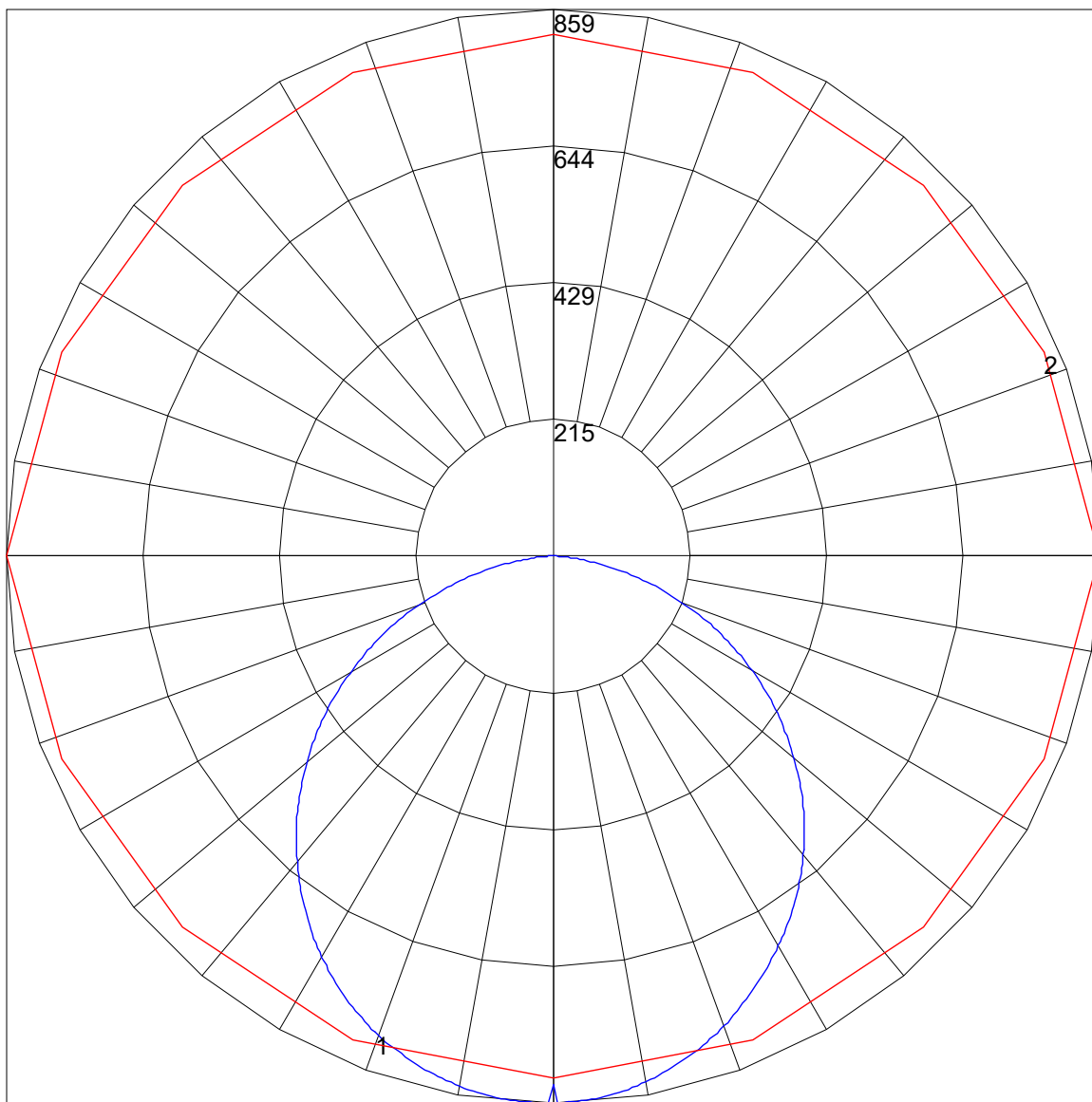
IES INDOOR REPORT
PHOTOMETRIC FILENAME : SSLED4840-XX.IES

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	92	83	76	70	79	73	67	74	69	65	71	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	58	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 = 858.718 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.)