



IES INDOOR REPORT

PHOTOMETRIC FILENAME : SDI5-4-L27-8TW-DMA-90U-10D-DIM-UNV_4000K.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] GEN FROM 12731921.02
[TESTLAB] UL Verification Services Inc.
[ISSUE DATE] 4/2/2019
[MANUFAC] WILLIAMS INDOOR
[OTHER] H.E. WILLIAMS, INC. - CARTHAGE, MO.
[LUMCAT] SDI5-4-L27-8TW-DMA-90U-10D-DIM-UNV-4000k
[LUMINAIRE] White steel housing, clear/frosted lens enclosures
[LAMP] LED
[LAMPCAT] HLM 80 CRI TUNABLE WHITE CCT
[BALLAST] Everline D21CC80UNVPW-C
[OTHER] 25.1 C, 120.0V, 96.1W, 0.99PF, 60 Hz
[OTHER] This test was performed using the calibrated photodetector met
[MORE] hod of absolute photometry.
[_SEARCH_SOURCE TYPE] LED
[_SEARCH_APPLICATION] Indoor, Architectural, Classroom, Direct-Indirect
[_SEARCH_MOUNTING] Suspended

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	10830
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	113
Total Luminaire Watts	96.1
Ballast Factor	1.00
CIE Type	Semi-Indirect
Spacing Criterion (0-180)	N.A.
Spacing Criterion (90-270)	N.A.
Spacing Criterion (Diagonal)	N.A.
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	3.77 ft
Luminous Width (90-270)	0.40 ft
Luminous Height	0.15 ft

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-4-L27-8TW-DMA-90U-10D-DIM-UNV_4000K.IES****LUMINANCE DATA (cd/sq.m)**

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	3285	2625	2459
55	3117	2320	2128
65	2887	1907	1710
75	2344	1294	1114
85	1227	472	390

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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>
0.0	495.180	495.180	495.180	495.180	495.180
0.5	500.957	495.279	493.387	495.478	492.191
1.0	500.858	495.279	493.486	495.478	492.291
1.5	500.658	495.180	493.387	495.578	492.291
2.0	500.459	494.980	493.287	495.578	492.490
2.5	500.360	494.781	493.287	495.777	492.789
3.0	500.061	494.582	493.187	495.877	493.088
3.5	499.762	494.283	493.088	495.977	493.486
4.0	499.463	494.084	492.888	496.076	493.984
4.5	498.965	493.685	492.689	496.176	494.482
5.0	498.566	493.287	492.490	496.275	494.881
5.5	498.068	492.888	492.291	496.275	495.379
6.0	497.570	492.490	491.992	496.375	495.777
6.5	496.973	492.092	491.594	496.275	496.176
7.0	496.375	491.594	491.195	496.176	496.475
7.5	495.877	490.996	490.797	495.977	496.574
8.0	495.180	490.398	490.398	495.678	496.574
8.5	494.482	489.800	489.900	495.279	496.375
9.0	493.785	489.203	489.402	494.781	495.977
9.5	493.088	488.406	488.705	494.183	495.379
10.0	492.191	487.609	488.007	493.486	494.682
10.5	491.394	486.912	487.211	492.689	493.885
11.0	490.597	486.115	486.414	491.892	492.888
11.5	489.601	485.218	485.617	491.095	491.793
12.0	488.705	484.322	484.720	490.099	490.697
12.5	487.808	483.326	483.724	489.203	489.502
13.0	486.812	482.329	482.827	488.107	488.306
13.5	485.816	481.333	481.831	486.912	487.011
14.0	484.621	480.238	480.736	485.617	485.716
14.5	483.425	479.042	479.540	484.322	484.322
15.0	482.130	477.847	478.444	483.027	482.827
15.5	480.935	476.651	477.349	481.732	481.333
16.0	479.640	475.456	476.153	480.337	479.839
16.5	478.245	474.161	475.058	479.042	478.444
17.0	476.851	472.866	473.763	477.747	476.851
17.5	475.456	471.472	472.567	476.353	475.157
18.0	473.962	470.077	471.272	474.958	473.464
18.5	472.468	468.682	469.977	473.563	471.770
19.0	470.874	467.288	468.583	472.069	470.077
19.5	469.280	465.694	467.089	470.575	468.284
20.0	467.587	464.200	465.594	468.882	466.391
20.5	465.794	462.506	463.901	467.188	464.598
21.0	464.100	460.912	462.307	465.295	462.706
21.5	462.307	459.219	460.514	463.303	460.912
22.0	460.514	457.526	458.721	461.411	459.020
22.5	458.621	455.832	456.928	459.319	457.227
23.0	456.729	454.039	455.035	457.326	455.235
23.5	454.736	452.246	453.043	455.334	453.043
24.0	452.744	450.353	451.051	453.242	450.852
24.5	450.652	448.361	449.058	451.150	448.560
25.0	448.660	446.469	446.967	449.058	446.369
25.5	446.568	444.476	444.875	446.867	444.078
26.0	444.476	442.484	442.683	444.576	441.787
26.5	442.285	440.292	440.392	442.285	439.396

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-4-L27-8TW-DMA-90U-10D-DIM-UNV_4000K.IES****CANDELA TABULATION - (Cont.)**

27.0	439.994	438.101	438.101	439.894	437.005
27.5	437.703	435.909	435.810	437.503	434.515
28.0	435.411	433.718	433.320	435.013	432.124
28.5	433.120	431.427	430.929	432.523	429.634
29.0	430.730	429.036	428.438	430.132	427.143
29.5	428.239	426.645	425.948	427.642	424.553
30.0	425.749	424.255	423.358	425.151	421.964
30.5	423.159	421.665	420.768	422.760	419.374
31.0	420.669	419.174	418.278	420.170	416.684
31.5	418.079	416.584	415.688	417.581	414.094
32.0	415.389	413.994	413.098	414.991	411.305
32.5	412.799	411.305	410.309	412.201	408.615
33.0	410.010	408.615	407.619	409.512	405.826
33.5	407.221	405.826	404.830	406.723	402.937
34.0	404.332	403.037	402.041	403.933	400.148
34.5	401.543	400.248	399.252	400.945	397.160
35.0	398.654	397.359	396.363	397.857	394.171
35.5	395.765	394.570	393.374	394.769	391.083
36.0	392.777	391.581	390.386	391.482	388.095
36.5	389.689	388.593	387.298	388.294	385.106
37.0	386.601	385.505	384.310	385.007	382.018
37.5	383.513	382.417	381.222	381.720	378.930
38.0	380.524	379.329	378.134	378.532	375.842
38.5	377.436	376.241	375.045	375.344	372.655
39.0	374.348	373.053	372.057	372.256	369.567
39.5	371.260	369.866	368.869	369.069	366.379
40.0	368.073	366.678	365.582	365.881	363.191
40.5	364.785	363.391	362.295	362.693	359.904
41.0	361.598	360.203	359.008	359.506	356.717
41.5	358.410	356.916	355.621	356.219	353.629
42.0	355.222	353.629	352.334	352.931	350.341
42.5	351.935	350.242	348.947	349.744	347.154
43.0	348.648	346.954	345.460	346.456	343.866
43.5	345.261	343.568	342.173	343.070	340.480
44.0	341.874	340.280	338.786	339.782	337.093
44.5	338.487	336.893	335.399	336.395	333.805
45.0	335.001	333.606	332.012	332.909	330.419
45.5	331.614	330.120	328.626	329.422	326.932
46.0	328.127	326.633	325.338	325.936	323.545
46.5	324.641	323.047	322.051	322.449	320.059
47.0	321.154	319.361	318.664	318.963	316.672
47.5	317.768	315.875	315.277	315.477	313.185
48.0	314.281	312.289	311.890	311.990	309.599
48.5	310.695	308.603	308.404	308.404	306.013
49.0	307.109	305.017	304.917	304.917	302.427
49.5	303.423	301.331	301.431	301.331	298.941
50.0	299.738	297.745	297.945	297.646	295.355
50.5	296.052	294.060	294.358	293.960	291.768
51.0	292.466	290.374	290.772	290.175	288.182
51.5	288.680	286.688	287.087	286.489	284.596
52.0	284.995	283.002	283.401	282.803	280.911
52.5	281.209	279.317	279.715	279.118	277.324
53.0	277.324	275.531	275.930	275.332	273.639
53.5	273.539	271.846	272.145	271.547	269.953
54.0	269.754	268.160	268.359	267.762	266.267
54.5	265.969	264.375	264.574	263.976	262.482

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-4-L27-8TW-DMA-90U-10D-DIM-UNV_4000K.IES****CANDELA TABULATION - (Cont.)**

55.0	261.984	260.689	260.789	260.191	258.697
55.5	257.999	256.904	257.003	256.406	254.911
56.0	253.915	253.019	253.118	252.521	251.126
56.5	249.931	249.134	249.233	248.735	247.241
57.0	245.946	245.249	245.348	244.850	243.356
57.5	242.061	241.364	241.364	240.965	239.471
58.0	238.276	237.379	237.479	237.081	235.586
58.5	234.590	233.295	233.494	233.295	231.701
59.0	230.805	229.211	229.610	229.311	227.717
59.5	227.020	225.027	225.625	225.326	223.732
60.0	223.234	220.943	221.640	221.342	219.748
60.5	219.349	216.959	217.556	217.257	215.763
61.0	215.763	212.974	213.572	213.173	211.779
61.5	211.978	209.089	209.587	209.089	207.894
62.0	208.093	205.105	205.603	205.005	203.909
62.5	204.208	201.319	201.518	200.821	199.925
63.0	200.223	197.434	197.434	196.737	195.840
63.5	196.040	193.450	193.251	192.653	191.756
64.0	191.956	189.465	189.266	188.569	187.672
64.5	187.672	185.481	185.182	184.584	183.688
65.0	183.488	181.397	181.098	180.500	179.703
65.5	179.205	177.312	176.914	176.416	175.619
66.0	174.922	173.129	172.830	172.332	171.634
66.5	170.638	169.044	168.746	168.248	167.550
67.0	166.454	164.861	164.562	164.163	163.366
67.5	162.171	160.677	160.478	160.079	159.183
68.0	157.788	156.493	156.393	155.995	154.999
68.5	153.505	152.309	152.210	151.712	150.715
69.0	149.122	147.926	147.926	147.528	146.332
69.5	144.739	143.643	143.643	143.145	142.049
70.0	140.356	139.260	139.459	138.861	137.666
70.5	135.973	134.877	135.176	134.478	133.383
71.0	131.590	130.594	130.892	130.195	129.099
71.5	127.207	126.211	126.609	125.812	124.816
72.0	122.824	121.828	122.226	121.429	120.533
72.5	118.341	117.544	117.843	117.146	116.249
73.0	113.958	113.261	113.460	112.862	111.966
73.5	109.475	108.977	109.177	108.579	107.682
74.0	105.092	104.794	104.893	104.395	103.499
74.5	100.809	100.610	100.709	100.211	99.315
75.0	96.426	96.326	96.526	96.028	95.131
75.5	92.143	92.242	92.242	91.744	90.947
76.0	87.859	88.058	87.959	87.660	86.764
76.5	83.576	84.074	83.775	83.675	82.779
77.0	79.392	80.089	79.791	79.591	78.794
77.5	75.308	76.204	75.706	75.706	74.909
78.0	71.124	72.220	71.622	71.722	71.025
78.5	67.140	68.136	67.737	67.937	67.140
79.0	63.055	64.151	63.753	64.052	63.255
79.5	59.071	60.266	60.067	60.366	59.469
80.0	55.286	56.381	56.282	56.680	55.883
80.5	51.500	52.596	52.596	53.194	52.397
81.0	47.815	48.910	49.110	49.707	49.010
81.5	44.029	45.225	45.623	46.221	45.523
82.0	40.443	41.639	42.137	42.734	42.137
82.5	36.957	38.152	38.949	39.547	38.849

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-4-L27-8TW-DMA-90U-10D-DIM-UNV_4000K.IES****CANDELA TABULATION - (Cont.)**

83.0	33.570	34.865	35.761	36.359	35.761
83.5	30.283	31.777	32.773	33.371	32.673
84.0	27.195	28.689	29.884	30.482	29.884
84.5	24.306	25.800	27.095	27.693	27.195
85.0	21.417	23.011	24.505	25.103	24.605
85.5	18.727	20.520	22.015	22.712	22.114
86.0	16.137	18.130	19.724	20.421	19.823
86.5	13.846	16.038	17.632	18.429	17.632
87.0	11.854	14.046	15.839	16.635	15.639
87.5	10.061	12.352	14.145	14.942	13.846
88.0	8.567	10.858	12.551	13.547	12.352
88.5	7.571	9.663	11.356	12.352	10.958
89.0	6.674	8.666	10.260	10.858	9.164
89.5	6.176	8.168	9.164	9.463	7.371
90.0	6.375	8.666	9.463	9.762	7.471
90.5	4.483	9.961	9.364	7.969	7.073
91.0	6.176	15.540	18.229	16.635	15.938
91.5	8.766	19.823	26.896	26.995	26.198
92.0	11.954	23.708	31.876	35.761	35.961
92.5	15.839	30.482	35.961	40.344	41.439
93.0	20.321	46.420	40.443	44.727	45.822
93.5	25.501	73.216	45.523	49.906	51.002
94.0	31.179	106.188	51.500	55.485	56.780
94.5	37.554	138.264	59.868	61.362	62.557
95.0	44.627	169.941	77.001	68.036	69.132
95.5	52.596	200.223	112.962	75.706	76.404
96.0	61.163	225.924	180.301	85.867	84.373
96.5	70.626	253.118	265.072	106.387	94.733
97.0	80.787	281.907	362.594	153.405	115.651
97.5	91.445	307.408	460.215	227.418	162.271
98.0	102.901	336.395	549.768	319.860	234.491
98.5	115.054	364.686	597.981	438.599	323.744
99.0	127.904	392.279	629.160	575.369	440.591
99.5	141.551	421.764	672.093	714.828	583.437
100.0	155.597	454.438	723.395	852.892	738.337
100.5	170.439	484.820	768.420	956.391	887.757
101.0	185.481	511.417	809.162	1005.102	1031.002
101.5	201.220	542.496	847.712	1043.951	1125.635
102.0	217.257	575.070	887.757	1088.778	1170.461
102.5	234.092	607.046	928.698	1138.584	1210.306
103.0	251.425	637.129	971.134	1189.387	1259.117
103.5	269.057	667.511	1012.075	1238.198	1308.924
104.0	287.087	697.595	1049.928	1284.020	1355.742
104.5	305.416	729.571	1086.785	1324.862	1403.557
105.0	323.944	762.543	1120.654	1365.704	1449.379
105.5	342.970	791.829	1153.526	1405.549	1492.213
106.0	362.295	824.901	1186.399	1447.387	1532.058
106.5	382.317	858.271	1219.271	1489.224	1570.908
107.0	402.539	886.263	1252.144	1530.066	1610.753
107.5	423.259	913.258	1285.016	1569.912	1651.595
108.0	443.879	937.464	1318.885	1604.776	1690.444
108.5	464.897	959.379	1351.758	1636.653	1729.293
109.0	486.115	984.781	1385.626	1669.525	1765.154
109.5	507.432	1011.079	1417.503	1702.398	1797.031
110.0	529.048	1036.978	1448.383	1734.274	1826.915
110.5	551.063	1059.890	1478.267	1765.154	1856.799

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-4-L27-8TW-DMA-90U-10D-DIM-UNV_4000K.IES****CANDELA TABULATION - (Cont.)**

111.0	573.277	1080.808	1507.155	1794.042	1885.687
111.5	595.391	1104.716	1535.047	1821.934	1914.575
112.0	617.804	1125.635	1562.939	1851.818	1942.467
112.5	640.117	1147.550	1588.838	1880.706	1969.362
113.0	662.232	1170.461	1614.738	1909.594	1996.258
113.5	684.047	1196.360	1641.633	1938.482	2023.154
114.0	705.763	1218.275	1667.533	1965.378	2051.046
114.5	727.977	1238.198	1693.433	1991.277	2076.945
115.0	750.390	1255.132	1720.328	2016.181	2103.841
115.5	772.504	1270.074	1745.232	2040.088	2128.744
116.0	795.116	1287.009	1768.143	2063.995	2152.652
116.5	818.127	1302.947	1792.050	2085.910	2175.563
117.0	840.939	1314.901	1815.957	2107.825	2197.478
117.5	863.750	1325.858	1840.861	2128.744	2218.397
118.0	886.263	1335.819	1864.768	2148.667	2238.319
118.5	908.776	1348.769	1885.687	2168.590	2258.242
119.0	930.890	1363.711	1901.625	2186.520	2276.173
119.5	953.303	1376.661	1918.559	2205.447	2294.103
120.0	975.019	1388.615	1937.486	2223.377	2311.037
120.5	996.137	1401.564	1955.417	2239.315	2327.972
121.0	1018.052	1415.510	1968.366	2255.254	2343.910
121.5	1038.971	1429.456	1981.316	2271.192	2358.852
122.0	1059.890	1444.398	1995.262	2285.138	2373.794
122.5	1080.808	1457.348	2010.204	2299.084	2387.740
123.0	1101.727	1470.298	2023.154	2312.033	2401.686
123.5	1121.650	1483.248	2034.111	2326.976	2413.639
124.0	1142.569	1494.205	2046.065	2344.906	2425.593
124.5	1163.488	1505.163	2058.019	2361.840	2436.551
125.0	1183.411	1516.120	2069.972	2374.790	2446.512
125.5	1203.333	1526.082	2080.930	2382.759	2458.466
126.0	1223.256	1537.039	2092.883	2388.736	2472.411
126.5	1242.183	1546.004	2101.849	2395.709	2488.350
127.0	1262.105	1555.966	2109.818	2406.666	2500.303
127.5	1281.032	1564.931	2115.795	2417.624	2507.276
128.0	1298.962	1573.896	2123.764	2424.597	2512.257
128.5	1317.889	1582.861	2130.737	2431.570	2516.242
129.0	1335.819	1592.823	2137.710	2437.547	2524.211
129.5	1353.750	1600.792	2145.679	2443.524	2533.176
130.0	1371.680	1610.753	2154.644	2448.504	2540.149
130.5	1389.611	1619.718	2161.617	2451.493	2544.133
131.0	1407.541	1627.688	2166.598	2454.481	2549.114
131.5	1425.472	1636.653	2168.590	2458.466	2554.095
132.0	1442.406	1645.618	2168.590	2463.446	2557.083
132.5	1460.337	1653.587	2168.590	2468.427	2560.072
133.0	1477.271	1662.552	2168.590	2472.411	2563.060
133.5	1495.201	1670.521	2167.594	2477.392	2566.048
134.0	1512.136	1678.490	2164.605	2480.381	2569.037
134.5	1529.070	1686.460	2162.613	2482.373	2572.025
135.0	1546.004	1693.433	2162.613	2484.365	2573.021
135.5	1562.939	1701.402	2162.613	2484.365	2574.017
136.0	1579.873	1708.375	2162.613	2482.373	2575.014
136.5	1596.807	1715.348	2163.609	2481.377	2575.014
137.0	1613.742	1722.321	2164.605	2482.373	2576.010
137.5	1629.680	1729.293	2165.601	2485.361	2573.021
138.0	1646.614	1737.263	2167.594	2489.346	2571.029
138.5	1662.552	1744.236	2167.594	2489.346	2568.041

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-4-L27-8TW-DMA-90U-10D-DIM-UNV_4000K.IES****CANDELA TABULATION - (Cont.)**

139.0	1677.494	1752.205	2168.590	2484.365	2564.056
139.5	1693.433	1760.174	2169.586	2477.392	2562.064
140.0	1708.375	1768.143	2169.586	2470.419	2564.056
140.5	1722.321	1777.108	2169.586	2463.446	2565.052
141.0	1737.263	1787.069	2168.590	2456.473	2561.068
141.5	1751.208	1797.031	2168.590	2447.508	2552.102
142.0	1765.154	1807.988	2167.594	2438.543	2542.141
142.5	1779.100	1819.942	2166.598	2431.570	2533.176
143.0	1792.050	1831.896	2165.601	2426.589	2525.207
143.5	1805.996	1843.849	2163.609	2420.612	2515.245
144.0	1817.950	1855.803	2162.613	2415.632	2504.288
144.5	1831.896	1866.760	2159.625	2411.647	2494.327
145.0	1843.849	1878.714	2157.632	2406.666	2487.354
145.5	1856.799	1890.668	2155.640	2401.686	2480.381
146.0	1868.753	1902.621	2152.652	2395.709	2474.404
146.5	1880.706	1913.579	2149.663	2390.728	2468.427
147.0	1892.660	1924.536	2146.675	2385.748	2462.450
147.5	1903.617	1936.490	2143.686	2379.771	2456.473
148.0	1916.567	1947.447	2140.698	2373.794	2450.496
148.5	1927.525	1958.405	2137.710	2367.817	2442.527
149.0	1938.482	1968.366	2133.725	2361.840	2435.554
149.5	1949.440	1978.328	2129.740	2355.863	2428.581
150.0	1961.393	1987.293	2125.756	2348.891	2420.612
150.5	1971.355	1996.258	2121.771	2341.918	2413.639
151.0	1982.312	2005.223	2117.787	2335.941	2405.670
151.5	1993.270	2014.189	2113.802	2327.972	2396.705
152.0	2003.231	2023.154	2109.818	2320.999	2387.740
152.5	2013.192	2032.119	2105.833	2313.030	2378.775
153.0	2023.154	2041.084	2101.849	2305.061	2368.813
153.5	2033.115	2051.046	2097.864	2297.091	2358.852
154.0	2043.077	2059.015	2096.868	2289.122	2348.891
154.5	2052.042	2067.980	2094.876	2280.157	2338.929
155.0	2062.003	2076.945	2094.876	2270.196	2327.972
155.5	2070.968	2085.910	2096.868	2261.231	2318.010
156.0	2079.934	2093.880	2098.860	2251.269	2307.053
156.5	2087.903	2102.845	2101.849	2240.312	2295.099
157.0	2096.868	2110.814	2107.825	2230.350	2284.142
157.5	2104.837	2118.783	2115.795	2220.389	2272.188
158.0	2112.806	2126.752	2125.756	2210.428	2260.234
158.5	2120.775	2134.721	2134.721	2200.466	2248.281
159.0	2128.744	2141.694	2142.690	2191.501	2237.323
159.5	2135.717	2148.667	2150.659	2182.536	2225.370
160.0	2143.686	2155.640	2158.628	2177.555	2214.412
160.5	2150.659	2162.613	2165.601	2174.567	2203.455
161.0	2157.632	2169.586	2173.570	2172.574	2195.485
161.5	2164.605	2175.563	2180.543	2171.578	2189.509
162.0	2170.582	2181.540	2187.516	2175.563	2186.520
162.5	2177.555	2187.516	2193.493	2182.536	2183.532
163.0	2183.532	2193.493	2197.478	2192.497	2183.532
163.5	2189.509	2198.474	2201.462	2202.458	2188.513
164.0	2195.485	2203.455	2205.447	2209.431	2197.478
164.5	2200.466	2209.431	2209.431	2215.408	2208.435
165.0	2205.447	2214.412	2213.416	2221.385	2215.408
165.5	2210.428	2218.397	2217.400	2228.358	2220.389
166.0	2215.408	2223.377	2221.385	2235.331	2226.366
166.5	2219.393	2227.362	2225.370	2239.315	2232.343

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-4-L27-8TW-DMA-90U-10D-DIM-UNV_4000K.IES****CANDELA TABULATION - (Cont.)**

167.0	2223.377	2232.343	2228.358	2242.304	2238.319
167.5	2227.362	2236.327	2232.343	2245.292	2243.300
168.0	2232.343	2240.312	2235.331	2247.285	2246.288
168.5	2235.331	2243.300	2238.319	2249.277	2247.285
169.0	2239.315	2247.285	2241.308	2251.269	2249.277
169.5	2242.304	2250.273	2244.296	2254.258	2251.269
170.0	2245.292	2253.261	2246.288	2256.250	2253.261
170.5	2248.281	2256.250	2248.281	2258.242	2256.250
171.0	2250.273	2259.238	2251.269	2260.234	2258.242
171.5	2253.261	2261.231	2253.261	2262.227	2260.234
172.0	2256.250	2263.223	2255.254	2264.219	2262.227
172.5	2258.242	2265.215	2257.246	2266.211	2263.223
173.0	2260.234	2267.207	2259.238	2268.203	2265.215
173.5	2262.227	2269.200	2261.231	2270.196	2267.207
174.0	2264.219	2271.192	2262.227	2271.192	2269.200
174.5	2265.215	2272.188	2264.219	2273.184	2270.196
175.0	2267.207	2273.184	2265.215	2274.180	2271.192
175.5	2267.207	2274.180	2266.211	2275.176	2272.188
176.0	2268.203	2275.176	2267.207	2276.173	2273.184
176.5	2269.200	2276.173	2268.203	2277.169	2274.180
177.0	2270.196	2277.169	2269.200	2277.169	2274.180
177.5	2270.196	2278.165	2269.200	2278.165	2275.176
178.0	2271.192	2279.161	2270.196	2279.161	2275.176
178.5	2271.192	2279.161	2270.196	2279.161	2276.173
179.0	2272.188	2280.157	2271.192	2279.161	2277.169
179.5	2272.188	2280.157	2271.192	2280.157	2278.165
180.0	2276.173	2276.173	2276.173	2276.173	2276.173

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-4-L27-8TW-DMA-90U-10D-DIM-UNV_4000K.IES****ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	182.76	N.A.	1.70
0-30	388.93	N.A.	3.60
0-40	637.12	N.A.	5.90
0-60	1126.54	N.A.	10.40
0-80	1407.43	N.A.	13.00
0-90	1436.49	N.A.	13.30
10-90	1389.39	N.A.	12.80
20-40	454.36	N.A.	4.20
20-50	711.07	N.A.	6.60
40-70	668.39	N.A.	6.20
60-80	280.89	N.A.	2.60
70-80	101.92	N.A.	0.90
80-90	29.06	N.A.	0.30
90-110	1264.97	N.A.	11.70
90-120	2843.3	N.A.	26.30
90-130	4576.94	N.A.	42.30
90-150	7551.15	N.A.	69.70
90-180	9393.39	N.A.	86.70
110-180	8128.42	N.A.	75.10
0-180	10829.88	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	47.11
10-20	135.66
20-30	206.17
30-40	248.19
40-50	256.72
50-60	232.71
60-70	178.97
70-80	101.92
80-90	29.06
90-100	187.28
100-110	1077.69
110-120	1578.33
120-130	1733.63
130-140	1622.89
140-150	1351.32
150-160	1000.56
160-170	625.57
170-180	216.11

IES INDOOR REPORT

PHOTOMETRIC FILENAME : SDI5-4-L27-8TW-DMA-90U-10D-DIM-UNV_4000K.IES

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

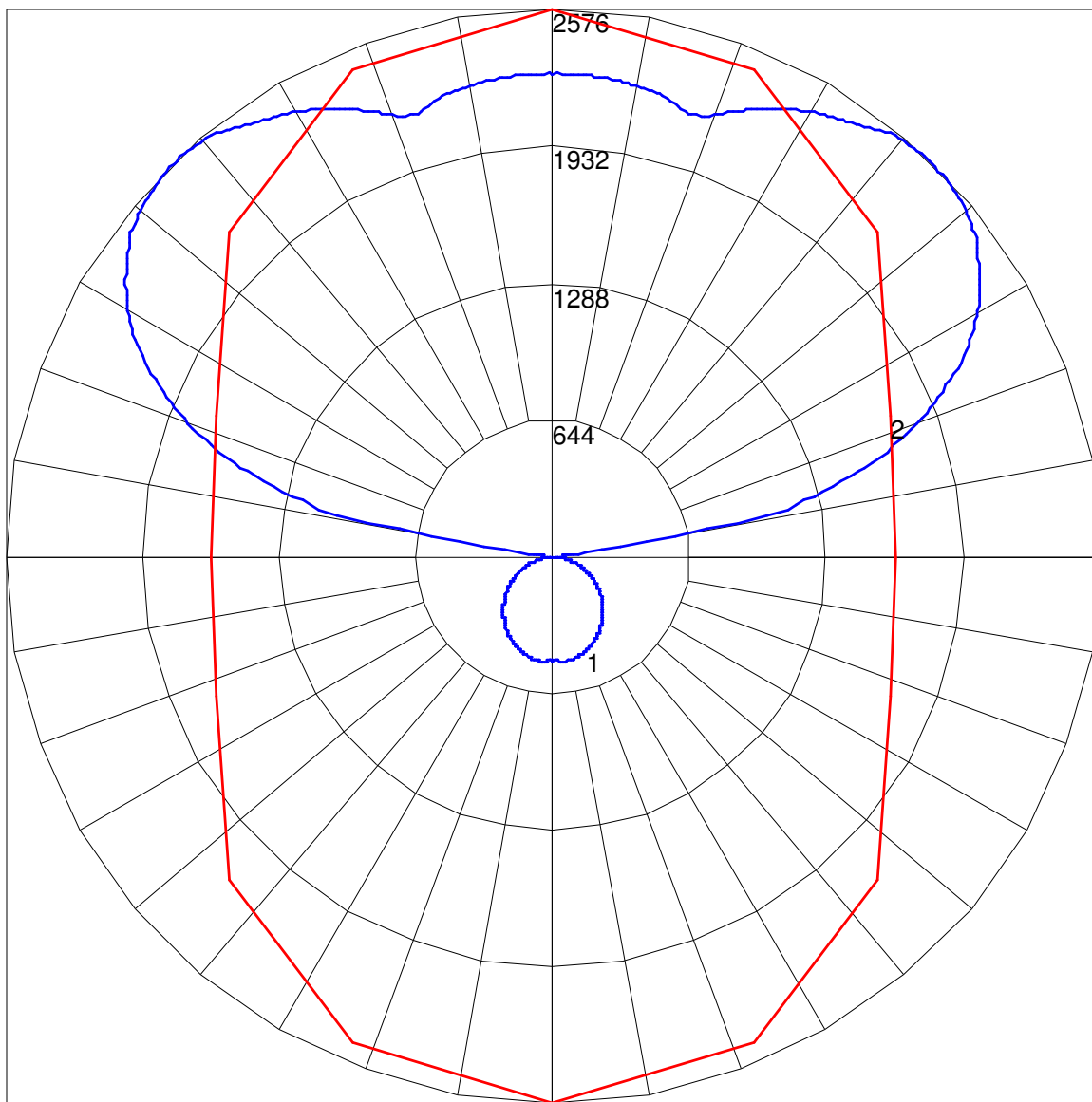
Effective Floor Cavity Reflectance 0.20

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	98	98	98	98	86	86	86	86	63	63	63	42	42	42	22	22	22	13
1	90	85	82	78	78	75	72	69	55	53	51	37	35	34	20	19	19	11
2	81	74	69	64	71	65	61	56	48	45	42	32	30	29	17	16	16	9
3	74	65	58	53	64	57	52	47	42	38	35	28	26	24	15	14	13	8
4	68	58	50	44	59	51	44	40	37	33	30	25	22	20	13	12	11	7
5	62	51	43	38	54	45	38	34	33	29	26	22	20	18	12	11	10	6
6	57	45	38	32	49	40	34	29	30	25	22	20	17	15	11	10	9	5
7	52	41	33	28	46	36	30	25	27	22	19	18	15	13	10	9	7	4
8	48	37	30	25	42	32	26	22	24	20	17	16	14	12	9	8	7	4
9	45	33	26	22	39	29	23	19	22	18	15	15	12	10	8	7	6	4
10	42	30	24	19	36	27	21	17	20	16	13	14	11	9	8	6	5	3

IES INDOOR REPORT

PHOTOMETRIC FILENAME : SDI5-4-L27-8TW-DMA-90U-10D-DIM-UNV_4000K.IES

POLAR GRAPH



Maximum Candela = 2576.01 Located At Horizontal Angle = 90, Vertical Angle = 137

1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)

2 - Horizontal Cone Through Vertical Angle (137) (Through Max. Cd.)