



IES INDOOR REPORT

PHOTOMETRIC FILENAME : SDI5-4-L27-8TW-DMA-100D-DIM-UNV_4000K.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] GEN FROM 12731921.07
[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-100D-DIM-UNV-4000k
[LUMINAIRE] White steel housing, frosted lens enclosure
[LAMP] LED
[LAMPCAT] HLM 80 CRI TUNABLE WHITE CCT
[BALLAST] Everline D21CC80UNVPW-C
[OTHER] 24.4 C, 120 V, 82 W, 0.99 PF, 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	9081
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	111
Total Luminaire Watts	82
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.24
Spacing Criterion (90-270)	1.20
Spacing Criterion (Diagonal)	1.32
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	3.77 ft
Luminous Width (90-270)	0.40 ft
Luminous Height	0.00 ft

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LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	22339	21376	21071
55	20974	20011	19661
65	19215	18281	17925
75	16270	15472	15061
85	10239	10272	10083

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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	3447.712	3447.712	3447.712	3447.712	3447.712
0.5	3533.382	3465.643	3423.804	3420.816	3422.808
1.0	3533.382	3464.647	3422.808	3419.819	3421.812
1.5	3532.386	3463.650	3421.812	3418.823	3420.816
2.0	3530.393	3462.654	3420.816	3417.827	3418.823
2.5	3529.397	3460.662	3417.827	3415.835	3417.827
3.0	3527.405	3458.670	3415.835	3412.846	3414.839
3.5	3524.416	3455.681	3412.846	3409.858	3411.850
4.0	3521.428	3452.693	3409.858	3406.869	3408.862
4.5	3518.439	3448.708	3405.873	3402.885	3404.877
5.0	3514.455	3444.723	3401.889	3398.900	3400.892
5.5	3510.470	3440.739	3396.908	3393.919	3395.912
6.0	3505.489	3435.758	3392.923	3388.938	3390.931
6.5	3500.508	3430.777	3387.942	3383.958	3385.950
7.0	3495.528	3424.800	3381.965	3377.981	3379.973
7.5	3489.551	3419.819	3375.988	3372.004	3373.000
8.0	3482.578	3412.846	3370.011	3366.027	3367.023
8.5	3475.604	3405.873	3364.034	3359.054	3359.054
9.0	3467.635	3398.900	3357.061	3352.081	3352.081
9.5	3459.666	3391.927	3350.088	3344.111	3344.111
10.0	3451.697	3383.958	3342.119	3336.142	3335.146
10.5	3442.731	3374.992	3334.150	3327.176	3326.180
11.0	3432.770	3366.027	3325.184	3318.211	3317.215
11.5	3422.808	3357.061	3316.219	3309.246	3308.249
12.0	3412.846	3347.100	3306.257	3299.284	3298.288
12.5	3402.885	3337.138	3297.292	3289.322	3288.326
13.0	3391.927	3326.180	3286.334	3278.365	3277.368
13.5	3379.973	3315.223	3275.376	3267.407	3266.411
14.0	3369.015	3304.265	3264.418	3256.449	3255.453
14.5	3357.061	3292.311	3252.464	3244.495	3244.495
15.0	3345.107	3279.361	3239.514	3232.541	3232.541
15.5	3333.153	3267.407	3227.560	3220.587	3220.587
16.0	3320.203	3254.457	3213.614	3207.637	3208.633
16.5	3307.253	3240.511	3199.668	3193.691	3194.687
17.0	3294.303	3226.564	3185.722	3180.741	3181.737
17.5	3281.353	3212.618	3171.775	3165.798	3167.791
18.0	3267.407	3198.672	3156.833	3151.852	3152.848
18.5	3252.464	3183.729	3140.894	3136.910	3136.910
19.0	3237.522	3168.787	3125.952	3120.971	3121.967
19.5	3223.576	3153.845	3110.013	3106.029	3105.033
20.0	3207.637	3137.906	3094.075	3089.094	3089.094
20.5	3192.695	3121.967	3078.136	3073.156	3072.159
21.0	3176.756	3106.029	3061.202	3056.221	3055.225
21.5	3159.822	3090.090	3045.263	3039.286	3038.290
22.0	3143.883	3074.152	3029.324	3021.355	3020.359
22.5	3127.944	3057.217	3012.390	3004.420	3003.424
23.0	3111.010	3040.282	2996.451	2986.490	2985.493
23.5	3094.075	3023.348	2979.516	2969.555	2967.563
24.0	3077.140	3007.409	2962.582	2951.624	2949.632
24.5	3060.205	2989.478	2946.643	2933.693	2931.701
25.0	3042.275	2972.543	2928.712	2915.762	2912.774
25.5	3025.340	2955.609	2911.778	2897.831	2894.843
26.0	3007.409	2937.678	2893.847	2879.900	2875.916
26.5	2989.478	2919.747	2875.916	2860.973	2857.985

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-4-L27-8TW-DMA-100D-DIM-UNV_4000K.IES****CANDELA TABULATION - (Cont.)**

27.0	2970.551	2902.812	2857.985	2843.042	2839.058
27.5	2952.620	2884.881	2840.054	2824.115	2819.135
28.0	2933.693	2865.954	2821.127	2805.188	2800.208
28.5	2915.762	2848.023	2802.200	2785.265	2781.280
29.0	2896.835	2830.092	2783.273	2766.338	2761.357
29.5	2876.912	2811.165	2764.346	2746.415	2741.434
30.0	2857.985	2792.238	2746.415	2727.488	2722.507
30.5	2839.058	2773.311	2727.488	2708.561	2702.584
31.0	2820.131	2754.384	2708.561	2688.638	2682.661
31.5	2800.208	2734.461	2688.638	2669.710	2662.737
32.0	2781.280	2715.534	2669.710	2649.787	2643.810
32.5	2761.357	2695.611	2649.787	2630.860	2623.887
33.0	2740.438	2675.687	2630.860	2611.933	2603.964
33.5	2720.515	2655.764	2610.937	2592.010	2584.041
34.0	2699.595	2634.845	2591.014	2572.087	2564.117
34.5	2677.680	2614.922	2571.091	2552.164	2544.194
35.0	2656.760	2594.002	2550.171	2532.240	2524.271
35.5	2634.845	2573.083	2530.248	2511.321	2504.348
36.0	2612.929	2551.167	2509.329	2491.398	2483.428
36.5	2591.014	2530.248	2488.409	2470.478	2462.509
37.0	2569.098	2509.329	2466.494	2448.563	2441.590
37.5	2547.183	2487.413	2444.578	2427.643	2419.674
38.0	2524.271	2465.498	2423.659	2405.728	2397.759
38.5	2501.359	2443.582	2401.743	2382.816	2375.843
39.0	2478.448	2421.666	2379.828	2360.901	2352.931
39.5	2456.532	2398.755	2356.916	2337.989	2330.020
40.0	2433.620	2376.839	2335.001	2315.077	2307.108
40.5	2410.709	2353.928	2312.089	2292.166	2284.196
41.0	2387.797	2331.016	2289.177	2268.258	2260.288
41.5	2363.889	2308.104	2266.265	2245.346	2236.381
42.0	2339.981	2284.196	2243.354	2221.438	2213.469
42.5	2316.073	2261.285	2219.446	2197.530	2189.561
43.0	2292.166	2237.377	2195.538	2174.619	2165.653
43.5	2267.262	2212.473	2171.630	2150.711	2141.745
44.0	2242.358	2188.565	2147.722	2125.807	2117.837
44.5	2217.454	2163.661	2123.814	2101.899	2092.933
45.0	2193.546	2139.753	2098.910	2077.991	2069.026
45.5	2167.646	2114.849	2074.006	2054.083	2044.122
46.0	2141.745	2089.945	2049.102	2029.179	2020.214
46.5	2115.845	2065.041	2025.195	2004.275	1995.310
47.0	2089.945	2039.141	2000.291	1979.371	1970.406
47.5	2064.045	2014.237	1974.390	1954.467	1945.502
48.0	2038.145	1988.337	1949.486	1929.563	1920.598
48.5	2012.244	1963.433	1924.582	1904.659	1895.694
49.0	1986.344	1937.532	1899.678	1879.755	1870.790
49.5	1959.448	1912.628	1874.774	1854.851	1845.886
50.0	1933.548	1886.728	1848.874	1829.947	1820.982
50.5	1907.648	1861.824	1823.970	1804.047	1795.081
51.0	1880.751	1835.924	1798.070	1779.143	1770.177
51.5	1854.851	1810.024	1773.166	1753.243	1744.277
52.0	1828.951	1784.124	1748.262	1728.339	1718.377
52.5	1803.051	1758.224	1722.362	1702.439	1693.473
53.0	1777.151	1732.323	1696.462	1677.534	1668.569
53.5	1750.254	1707.419	1670.561	1651.634	1642.669
54.0	1724.354	1681.519	1644.661	1626.730	1617.765
54.5	1697.458	1655.619	1619.757	1600.830	1591.865

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55.0	1670.561	1629.719	1593.857	1575.926	1565.965
55.5	1644.661	1603.819	1567.957	1550.026	1541.060
56.0	1618.761	1577.918	1542.057	1525.122	1515.160
56.5	1591.865	1551.022	1516.156	1499.222	1490.256
57.0	1564.968	1525.122	1490.256	1473.322	1466.348
57.5	1538.072	1499.222	1464.356	1448.418	1439.452
58.0	1511.176	1473.322	1439.452	1422.517	1414.548
58.5	1483.283	1446.425	1413.552	1396.617	1388.648
59.0	1455.391	1420.525	1386.656	1371.713	1362.748
59.5	1428.494	1393.629	1360.755	1345.813	1336.848
60.0	1400.602	1367.729	1335.851	1319.913	1310.947
60.5	1373.706	1340.832	1308.955	1294.013	1285.047
61.0	1346.809	1314.932	1283.055	1268.112	1259.147
61.5	1318.917	1288.036	1257.155	1242.212	1233.247
62.0	1292.020	1261.139	1231.255	1216.312	1207.347
62.5	1264.128	1235.239	1204.358	1190.412	1181.447
63.0	1237.231	1208.343	1178.458	1163.516	1155.546
63.5	1209.339	1181.447	1151.562	1137.615	1129.646
64.0	1182.443	1154.550	1125.662	1111.715	1103.746
64.5	1155.546	1127.654	1098.765	1085.815	1077.846
65.0	1127.654	1101.754	1072.865	1059.915	1051.946
65.5	1100.757	1074.857	1045.969	1033.019	1027.042
66.0	1072.865	1047.961	1020.068	1007.118	1001.141
66.5	1045.969	1021.065	993.670	980.720	974.743
67.0	1018.076	994.766	967.372	954.820	948.644
67.5	990.682	968.368	941.272	928.820	922.544
68.0	963.188	941.671	915.073	903.020	896.744
68.5	935.694	914.974	888.974	877.020	870.844
69.0	908.498	888.575	862.874	851.319	844.943
69.5	880.905	861.878	837.074	825.518	819.143
70.0	853.411	835.281	811.273	799.917	793.542
70.5	825.618	808.683	785.572	774.415	767.940
71.0	798.622	782.385	760.270	749.013	742.040
71.5	771.825	755.887	734.469	723.412	716.439
72.0	744.829	729.588	708.669	697.811	690.937
72.5	717.933	703.289	683.167	672.209	665.535
73.0	691.037	676.891	657.566	646.508	640.133
73.5	664.240	650.493	632.164	621.106	615.030
74.0	637.642	624.294	606.562	596.103	590.225
74.5	611.145	598.394	581.260	571.099	565.819
75.0	584.746	572.494	556.057	546.195	541.314
75.5	558.448	546.992	531.053	521.590	517.207
76.0	532.348	521.789	506.348	497.383	493.100
76.5	506.847	496.486	481.743	473.077	469.192
77.0	481.245	471.582	457.337	449.069	445.483
77.5	455.943	446.678	433.131	425.261	422.073
78.0	430.740	422.173	409.322	401.851	398.962
78.5	405.736	397.966	385.713	378.840	376.051
79.0	381.031	374.058	362.503	356.028	353.438
79.5	356.526	350.549	339.790	333.913	331.223
80.0	332.419	327.338	317.377	311.998	309.208
80.5	308.909	304.526	295.262	290.480	287.691
81.0	285.898	282.113	273.845	269.461	266.772
81.5	263.186	260.098	253.025	248.841	246.351
82.0	241.071	238.879	232.604	228.818	226.427
82.5	219.554	218.060	212.780	209.493	207.102

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CANDELA TABULATION - (Cont.)

83.0	198.834	198.037	193.654	190.864	188.573
83.5	178.612	178.711	175.125	172.734	170.642
84.0	159.685	160.382	157.393	155.401	153.708
84.5	141.355	142.650	140.558	138.964	137.470
85.0	123.922	126.014	124.321	123.225	122.030
85.5	107.685	110.175	109.080	108.382	107.585
86.0	91.946	95.133	94.635	94.336	93.739
86.5	76.904	80.789	80.988	81.087	80.888
87.0	62.758	67.141	68.038	68.635	68.635
87.5	49.908	54.191	55.586	56.881	57.080
88.0	37.754	42.138	43.831	46.023	46.321
88.5	26.597	30.881	32.574	34.965	35.364
89.0	15.739	20.023	20.820	22.414	23.011
89.5	6.575	9.563	9.165	9.364	9.862
90.0	1.295	3.088	2.391	1.893	1.494
90.5	0.000	0.000	0.000	0.000	0.000
91.0	0.000	0.000	0.000	0.000	0.000
91.5	0.000	0.000	0.000	0.000	0.000
92.0	0.000	0.000	0.000	0.000	0.000
92.5	0.000	0.000	0.000	0.000	0.000
93.0	0.000	0.000	0.000	0.000	0.000
93.5	0.000	0.000	0.000	0.000	0.000
94.0	0.000	0.000	0.000	0.000	0.000
94.5	0.000	0.000	0.000	0.000	0.000
95.0	0.000	0.000	0.000	0.000	0.000
95.5	0.000	0.000	0.000	0.000	0.000
96.0	0.000	0.000	0.000	0.000	0.000
96.5	0.000	0.000	0.000	0.000	0.000
97.0	0.000	0.000	0.000	0.000	0.000
97.5	0.000	0.000	0.000	0.000	0.000
98.0	0.000	0.000	0.000	0.000	0.000
98.5	0.000	0.000	0.000	0.000	0.000
99.0	0.000	0.000	0.000	0.000	0.000
99.5	0.000	0.000	0.000	0.000	0.000
100.0	0.000	0.000	0.000	0.000	0.000
100.5	0.000	0.000	0.000	0.000	0.000
101.0	0.000	0.000	0.000	0.000	0.000
101.5	0.000	0.000	0.000	0.000	0.000
102.0	0.000	0.000	0.000	0.000	0.000
102.5	0.000	0.000	0.000	0.000	0.000
103.0	0.000	0.000	0.000	0.000	0.000
103.5	0.000	0.000	0.000	0.000	0.000
104.0	0.000	0.000	0.000	0.000	0.000
104.5	0.000	0.000	0.000	0.000	0.000
105.0	0.000	0.000	0.000	0.000	0.000
105.5	0.000	0.000	0.000	0.000	0.000
106.0	0.000	0.000	0.000	0.000	0.000
106.5	0.000	0.000	0.000	0.000	0.000
107.0	0.000	0.000	0.000	0.000	0.000
107.5	0.000	0.000	0.000	0.000	0.000
108.0	0.000	0.000	0.000	0.000	0.000
108.5	0.000	0.000	0.000	0.000	0.000
109.0	0.000	0.000	0.000	0.000	0.000
109.5	0.000	0.000	0.000	0.000	0.000
110.0	0.000	0.000	0.000	0.000	0.000
110.5	0.000	0.000	0.000	0.000	0.000

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-4-L27-8TW-DMA-100D-DIM-UNV_4000K.IES****CANDELA TABULATION - (Cont.)**

111.0	0.000	0.000	0.000	0.000	0.000
111.5	0.000	0.000	0.000	0.000	0.000
112.0	0.000	0.000	0.000	0.000	0.000
112.5	0.000	0.000	0.000	0.000	0.000
113.0	0.000	0.000	0.000	0.000	0.000
113.5	0.000	0.000	0.000	0.000	0.000
114.0	0.000	0.000	0.000	0.000	0.000
114.5	0.000	0.000	0.000	0.000	0.000
115.0	0.000	0.000	0.000	0.000	0.000
115.5	0.000	0.000	0.000	0.000	0.000
116.0	0.000	0.000	0.000	0.000	0.000
116.5	0.000	0.000	0.000	0.000	0.000
117.0	0.000	0.000	0.000	0.000	0.000
117.5	0.000	0.000	0.000	0.000	0.000
118.0	0.000	0.000	0.000	0.000	0.000
118.5	0.000	0.000	0.000	0.000	0.000
119.0	0.000	0.000	0.000	0.000	0.000
119.5	0.000	0.000	0.000	0.000	0.000
120.0	0.000	0.000	0.000	0.000	0.000
120.5	0.000	0.000	0.000	0.000	0.000
121.0	0.000	0.000	0.000	0.000	0.000
121.5	0.000	0.000	0.000	0.000	0.000
122.0	0.000	0.000	0.000	0.000	0.000
122.5	0.000	0.000	0.000	0.000	0.000
123.0	0.000	0.000	0.000	0.000	0.000
123.5	0.000	0.000	0.000	0.000	0.000
124.0	0.000	0.000	0.000	0.000	0.000
124.5	0.000	0.000	0.000	0.000	0.000
125.0	0.000	0.000	0.000	0.000	0.000
125.5	0.000	0.000	0.000	0.000	0.000
126.0	0.000	0.000	0.000	0.000	0.000
126.5	0.000	0.000	0.000	0.000	0.000
127.0	0.000	0.000	0.000	0.000	0.000
127.5	0.000	0.000	0.000	0.000	0.000
128.0	0.000	0.000	0.000	0.000	0.000
128.5	0.000	0.000	0.000	0.000	0.000
129.0	0.000	0.000	0.000	0.000	0.000
129.5	0.000	0.000	0.000	0.000	0.000
130.0	0.000	0.000	0.000	0.000	0.000
130.5	0.000	0.000	0.000	0.000	0.000
131.0	0.000	0.000	0.000	0.000	0.000
131.5	0.000	0.000	0.000	0.000	0.000
132.0	0.000	0.000	0.000	0.000	0.000
132.5	0.000	0.000	0.000	0.000	0.000
133.0	0.000	0.000	0.000	0.000	0.000
133.5	0.000	0.000	0.000	0.000	0.000
134.0	0.000	0.000	0.000	0.000	0.000
134.5	0.000	0.000	0.000	0.000	0.000
135.0	0.000	0.000	0.000	0.000	0.000
135.5	0.000	0.000	0.000	0.000	0.000
136.0	0.000	0.000	0.000	0.000	0.000
136.5	0.000	0.000	0.000	0.000	0.000
137.0	0.000	0.000	0.000	0.000	0.000
137.5	0.000	0.000	0.000	0.000	0.000
138.0	0.000	0.000	0.000	0.000	0.000
138.5	0.000	0.000	0.000	0.000	0.000

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-4-L27-8TW-DMA-100D-DIM-UNV_4000K.IES****CANDELA TABULATION - (Cont.)**

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

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-4-L27-8TW-DMA-100D-DIM-UNV_4000K.IES****CANDELA TABULATION - (Cont.)**

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

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-4-L27-8TW-DMA-100D-DIM-UNV_4000K.IES****ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	1243.57	N.A.	13.70
0-30	2602.1	N.A.	28.70
0-40	4206.94	N.A.	46.30
0-60	7269.31	N.A.	80.10
0-80	8931.76	N.A.	98.40
0-90	9080.64	N.A.	100.00
10-90	8755.59	N.A.	96.40
20-40	2963.37	N.A.	32.60
20-50	4591.5	N.A.	50.60
40-70	4131.79	N.A.	45.50
60-80	1662.45	N.A.	18.30
70-80	593.03	N.A.	6.50
80-90	148.88	N.A.	1.60
90-110	0.06	N.A.	0.00
90-120	0.06	N.A.	0.00
90-130	0.06	N.A.	0.00
90-150	0.06	N.A.	0.00
90-180	0.06	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	9080.7	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	325.04
10-20	918.53
20-30	1358.53
30-40	1604.83
40-50	1628.13
50-60	1434.25
60-70	1069.42
70-80	593.03
80-90	148.88
90-100	0.06
100-110	0.00
110-120	0.00
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

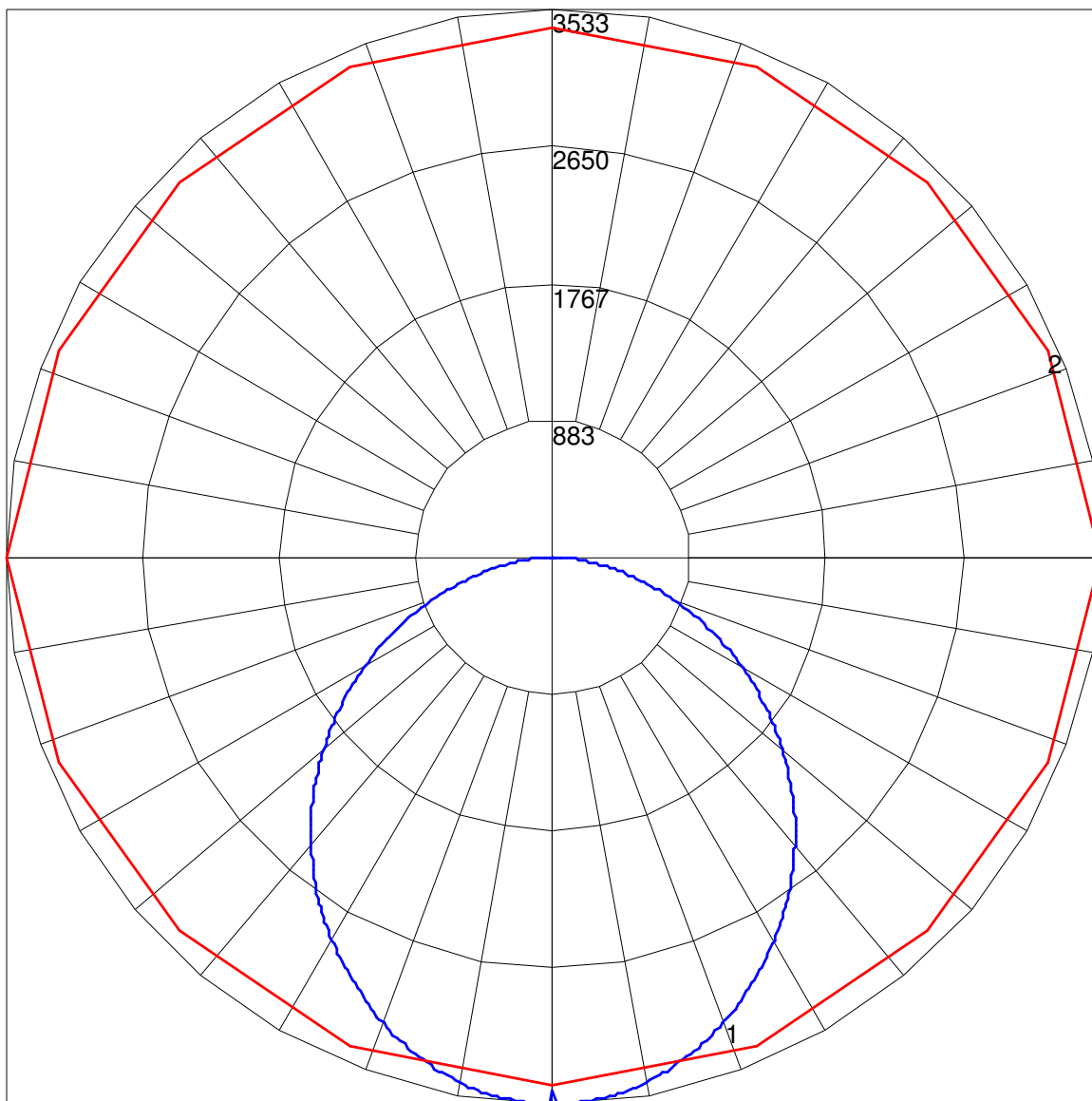
PHOTOMETRIC FILENAME : SDI5-4-L27-8TW-DMA-100D-DIM-UNV_4000K.IES

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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	109	104	100	96	106	102	98	95	98	95	92	94	91	89	90	88	86	84
2	99	91	84	79	97	89	83	78	86	80	76	82	78	74	79	76	73	70
3	91	80	72	66	88	79	71	65	76	69	64	73	67	63	70	66	62	59
4	83	71	62	56	81	70	62	55	67	60	55	65	59	54	63	57	53	51
5	76	64	55	48	74	62	54	48	60	53	47	58	52	47	57	51	46	44
6	71	57	48	42	69	56	48	42	55	47	42	53	46	41	51	45	41	39
7	65	52	43	37	64	51	43	37	50	42	37	48	42	37	47	41	36	34
8	61	48	39	33	59	47	39	33	46	38	33	44	38	33	43	37	33	31
9	57	44	36	30	56	43	35	30	42	35	30	41	34	30	40	34	29	28
10	53	40	32	27	52	40	32	27	39	32	27	38	31	27	37	31	27	25

POLAR GRAPH



Maximum Candela = 3533.382 Located At Horizontal Angle = 0, Vertical Angle = .5
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (.5) (Through Max. Cd.)