



IES INDOOR REPORT

PHOTOMETRIC FILENAME : SDI5-4-L27-835-DMA-100D-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN FROM 12731921.07

[TESTLAB] UL Verification Services Inc.

[ISSUEDATE] 04-21-2023

[MANUFAC] WILLIAMS INDOOR

[OTHER] H.E. WILLIAMS, INC. - CARTHAGE, MO.64836

[LUMINAIRE] 4' SUSPENDED LED LUMINAIRE

[MORE] WITH FROSTED ACRYLIC LENS

[LUMCAT] SDI5-4-L27-835-DMA-100D-DIM-UNV

[LAMPCAT] HLM 80 CRI, 3500K CCT

[_SEARCH_SOURCETYPE] 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	9320
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	123
Total Luminaire Watts	76
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

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	22927	21938	21626
55	21526	20538	20178
65	19721	18762	18397
75	16698	15879	15458
85	10509	10542	10348

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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	3538.450	3538.450	3538.450	3538.450	3538.450
0.5	3626.375	3556.853	3513.913	3510.846	3512.891
1.0	3626.375	3555.831	3512.891	3509.824	3511.868
1.5	3625.352	3554.808	3511.868	3508.801	3510.846
2.0	3623.308	3553.786	3510.846	3507.779	3508.801
2.5	3622.285	3551.741	3507.779	3505.734	3507.779
3.0	3620.240	3549.696	3505.734	3502.667	3504.712
3.5	3617.173	3546.629	3502.667	3499.600	3501.645
4.0	3614.106	3543.562	3499.600	3496.533	3498.577
4.5	3611.039	3539.473	3495.510	3492.443	3494.488
5.0	3606.949	3535.383	3491.421	3488.354	3490.398
5.5	3602.860	3531.294	3486.309	3483.242	3485.286
6.0	3597.748	3526.182	3482.219	3478.130	3480.175
6.5	3592.636	3521.070	3477.107	3473.018	3475.063
7.0	3587.524	3514.935	3470.973	3466.884	3468.928
7.5	3581.390	3509.824	3464.839	3460.749	3461.772
8.0	3574.233	3502.667	3458.705	3454.615	3455.638
8.5	3567.077	3495.510	3452.570	3447.459	3447.459
9.0	3558.898	3488.354	3445.414	3440.302	3440.302
9.5	3550.719	3481.197	3438.257	3432.123	3432.123
10.0	3542.540	3473.018	3430.078	3423.944	3422.921
10.5	3533.338	3463.817	3421.899	3414.742	3413.720
11.0	3523.114	3454.615	3412.698	3405.541	3404.519
11.5	3512.891	3445.414	3403.496	3396.340	3395.317
12.0	3502.667	3435.190	3393.272	3386.116	3385.093
12.5	3492.443	3424.966	3384.071	3375.892	3374.870
13.0	3481.197	3413.720	3372.825	3364.646	3363.624
13.5	3468.928	3402.474	3361.579	3353.400	3352.377
14.0	3457.682	3391.228	3350.333	3342.154	3341.131
14.5	3445.414	3378.959	3338.064	3329.885	3329.885
15.0	3433.145	3365.668	3324.773	3317.617	3317.617
15.5	3420.877	3353.400	3312.505	3305.348	3305.348
16.0	3407.586	3340.109	3298.191	3292.057	3293.079
16.5	3394.295	3325.796	3283.878	3277.744	3278.766
17.0	3381.004	3311.482	3269.565	3264.453	3265.475
17.5	3367.713	3297.169	3255.251	3249.117	3251.162
18.0	3353.400	3282.856	3239.916	3234.804	3235.826
18.5	3338.064	3267.520	3223.558	3219.468	3219.468
19.0	3322.728	3252.184	3208.222	3203.110	3204.133
19.5	3308.415	3236.849	3191.864	3187.775	3186.752
20.0	3292.057	3220.491	3175.506	3170.394	3170.394
20.5	3276.721	3204.133	3159.148	3154.036	3153.014
21.0	3260.363	3187.775	3141.767	3136.656	3135.633
21.5	3242.983	3171.416	3125.409	3119.275	3118.253
22.0	3226.625	3155.058	3109.051	3100.872	3099.850
22.5	3210.267	3137.678	3091.671	3083.492	3082.470
23.0	3192.886	3120.298	3075.313	3065.089	3064.067
23.5	3175.506	3102.917	3057.933	3047.709	3045.664
24.0	3158.126	3086.559	3040.552	3029.306	3027.261
24.5	3140.745	3068.156	3024.194	3010.903	3008.858
25.0	3122.342	3050.776	3005.791	2992.500	2989.433
25.5	3104.962	3033.395	2988.411	2974.098	2971.030
26.0	3086.559	3014.993	2970.008	2955.695	2951.605
26.5	3068.156	2996.590	2951.605	2936.270	2933.202

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CANDELA TABULATION - (Cont.)

27.0	3048.731	2979.209	2933.202	2917.867	2913.777
27.5	3030.328	2960.807	2914.800	2898.442	2893.330
28.0	3010.903	2941.381	2895.374	2879.016	2873.904
28.5	2992.500	2922.979	2875.949	2858.569	2854.479
29.0	2973.075	2904.576	2856.524	2839.144	2834.032
29.5	2952.628	2885.151	2837.099	2818.696	2813.584
30.0	2933.202	2865.725	2818.696	2799.271	2794.159
30.5	2913.777	2846.300	2799.271	2779.846	2773.711
31.0	2894.352	2826.875	2779.846	2759.398	2753.264
31.5	2873.904	2806.428	2759.398	2739.973	2732.816
32.0	2854.479	2787.002	2739.973	2719.525	2713.391
32.5	2834.032	2766.555	2719.525	2700.100	2692.944
33.0	2812.562	2746.107	2700.100	2680.675	2672.496
33.5	2792.114	2725.660	2679.653	2660.227	2652.048
34.0	2770.644	2704.190	2659.205	2639.780	2631.601
34.5	2748.152	2683.742	2638.758	2619.332	2611.153
35.0	2726.682	2662.272	2617.288	2598.885	2590.706
35.5	2704.190	2640.802	2596.840	2577.415	2570.258
36.0	2681.697	2618.310	2575.370	2556.967	2548.788
36.5	2659.205	2596.840	2553.900	2535.497	2527.318
37.0	2636.713	2575.370	2531.408	2513.005	2505.848
37.5	2614.220	2552.878	2508.916	2491.535	2483.356
38.0	2590.706	2530.385	2487.446	2469.043	2460.864
38.5	2567.191	2507.893	2464.953	2445.528	2438.371
39.0	2543.676	2485.401	2442.461	2423.036	2414.857
39.5	2521.184	2461.886	2418.946	2399.521	2391.342
40.0	2497.669	2439.394	2396.454	2376.006	2367.827
40.5	2474.155	2415.879	2372.939	2352.492	2344.313
41.0	2450.640	2392.364	2349.425	2327.955	2319.776
41.5	2426.103	2368.850	2325.910	2304.440	2295.239
42.0	2401.566	2344.313	2302.395	2279.903	2271.724
42.5	2377.029	2320.798	2277.858	2255.366	2247.187
43.0	2352.492	2296.261	2253.321	2231.851	2222.650
43.5	2326.932	2270.701	2228.784	2207.314	2198.113
44.0	2301.373	2246.164	2204.247	2181.755	2173.576
44.5	2275.813	2220.605	2179.710	2157.218	2148.016
45.0	2251.276	2196.068	2154.150	2132.680	2123.479
45.5	2224.694	2170.508	2128.591	2108.143	2097.920
46.0	2198.113	2144.949	2103.031	2082.584	2073.383
46.5	2171.531	2119.390	2078.494	2057.024	2047.823
47.0	2144.949	2092.808	2052.935	2031.465	2022.264
47.5	2118.367	2067.248	2026.353	2005.906	1996.704
48.0	2091.785	2040.666	2000.794	1980.346	1971.145
48.5	2065.203	2015.107	1975.234	1954.787	1945.585
49.0	2038.622	1988.525	1949.675	1929.227	1920.026
49.5	2011.017	1962.966	1924.115	1903.668	1894.466
50.0	1984.436	1936.384	1897.534	1878.108	1868.907
50.5	1957.854	1910.824	1871.974	1851.526	1842.325
51.0	1930.250	1884.243	1845.392	1825.967	1816.766
51.5	1903.668	1857.661	1819.833	1799.385	1790.184
52.0	1877.086	1831.079	1794.273	1773.826	1763.602
52.5	1850.504	1804.497	1767.692	1747.244	1738.043
53.0	1823.922	1777.915	1741.110	1721.684	1712.483
53.5	1796.318	1752.356	1714.528	1695.103	1685.901
54.0	1769.736	1725.774	1687.946	1669.543	1660.342
54.5	1742.132	1699.192	1662.387	1642.961	1633.760

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CANDELA TABULATION - (Cont.)

55.0	1714.528	1672.610	1635.805	1617.402	1607.178
55.5	1687.946	1646.029	1609.223	1590.820	1581.619
56.0	1661.364	1619.447	1582.641	1565.261	1555.037
56.5	1633.760	1591.842	1556.059	1538.679	1529.477
57.0	1606.156	1565.261	1529.477	1512.097	1504.940
57.5	1578.552	1538.679	1502.896	1486.538	1477.336
58.0	1550.947	1512.097	1477.336	1459.956	1451.777
58.5	1522.321	1484.493	1450.754	1433.374	1425.195
59.0	1493.694	1457.911	1423.150	1407.814	1398.613
59.5	1466.090	1430.307	1396.568	1381.233	1372.031
60.0	1437.463	1403.725	1371.009	1354.651	1345.449
60.5	1409.859	1376.121	1343.405	1328.069	1318.868
61.0	1382.255	1349.539	1316.823	1301.487	1292.286
61.5	1353.628	1321.935	1290.241	1274.905	1265.704
62.0	1326.024	1294.331	1263.659	1248.323	1239.122
62.5	1297.398	1267.749	1236.055	1221.742	1212.540
63.0	1269.793	1240.144	1209.473	1194.137	1185.958
63.5	1241.167	1212.540	1181.869	1167.556	1159.377
64.0	1213.563	1184.936	1155.287	1140.974	1132.795
64.5	1185.958	1157.332	1127.683	1114.392	1106.213
65.0	1157.332	1130.750	1101.101	1087.810	1079.631
65.5	1129.728	1103.146	1073.497	1060.206	1054.072
66.0	1101.101	1075.542	1046.915	1033.624	1027.490
66.5	1073.497	1047.937	1019.822	1006.531	1000.397
67.0	1044.870	1020.947	992.831	979.949	973.611
67.5	1016.755	993.854	966.045	953.265	946.824
68.0	988.537	966.454	939.156	926.786	920.345
68.5	960.320	939.054	912.370	900.102	893.763
69.0	932.409	911.961	885.584	873.724	867.181
69.5	904.089	884.561	859.104	847.245	840.701
70.0	875.871	857.264	832.625	820.970	814.426
70.5	847.347	829.966	806.247	794.797	788.151
71.0	819.640	802.976	780.279	768.726	761.569
71.5	792.138	775.780	753.799	742.451	735.294
72.0	764.432	748.790	727.320	716.176	709.121
72.5	736.828	721.799	701.147	689.901	683.051
73.0	709.224	694.706	674.872	663.523	656.980
73.5	681.722	667.613	648.801	637.453	631.216
74.0	654.424	640.724	622.526	611.791	605.759
74.5	627.229	614.142	596.558	586.129	580.711
75.0	600.136	587.561	570.691	560.570	555.560
75.5	573.145	561.388	545.030	535.317	530.819
76.0	546.359	535.522	519.675	510.473	506.077
76.5	520.186	509.553	494.422	485.527	481.540
77.0	493.911	483.994	469.374	460.888	457.207
77.5	467.942	458.434	444.530	436.453	433.182
78.0	442.076	433.284	420.095	412.427	409.462
78.5	416.415	408.440	395.865	388.810	385.948
79.0	391.060	383.903	372.043	365.398	362.740
79.5	365.909	359.775	348.733	342.701	339.941
80.0	341.168	335.953	325.730	320.209	317.346
80.5	317.039	312.541	303.033	298.125	295.263
81.0	293.422	289.537	281.052	276.553	273.793
81.5	270.112	266.943	259.684	255.390	252.834
82.0	247.415	245.166	238.725	234.840	232.387
82.5	225.332	223.799	218.380	215.006	212.552

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CANDELA TABULATION - (Cont.)

83.0	204.067	203.249	198.750	195.888	193.536
83.5	183.312	183.415	179.734	177.280	175.133
84.0	163.887	164.603	161.536	159.491	157.753
84.5	145.075	146.405	144.258	142.622	141.088
85.0	127.184	129.331	127.593	126.468	125.241
85.5	110.519	113.075	111.950	111.235	110.417
86.0	94.365	97.637	97.126	96.819	96.206
86.5	78.928	82.915	83.119	83.222	83.017
87.0	64.410	68.908	69.828	70.442	70.442
87.5	51.221	55.617	57.049	58.378	58.582
88.0	38.748	43.247	44.985	47.234	47.541
88.5	27.297	31.694	33.432	35.885	36.294
89.0	16.154	20.550	21.368	23.004	23.617
89.5	6.748	9.815	9.406	9.610	10.122
90.0	1.329	3.169	2.454	1.943	1.534
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

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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-L27-835-DMA-100D-DIM-UNV_.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-L27-835-DMA-100D-DIM-UNV_.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-L27-835-DMA-100D-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1276.3	N.A.	13.70
0-30	2670.59	N.A.	28.70
0-40	4317.66	N.A.	46.30
0-60	7460.63	N.A.	80.10
0-80	9166.83	N.A.	98.40
0-90	9319.62	N.A.	100.00
10-90	8986.02	N.A.	96.40
20-40	3041.36	N.A.	32.60
20-50	4712.34	N.A.	50.60
40-70	4240.53	N.A.	45.50
60-80	1706.2	N.A.	18.30
70-80	608.64	N.A.	6.50
80-90	152.80	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	9319.68	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	333.60
10-20	942.70
20-30	1394.29
30-40	1647.07
40-50	1670.98
50-60	1471.99
60-70	1097.56
70-80	608.64
80-90	152.80
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-L27-835-DMA-100D-DIM-UNV_.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

IES INDOOR REPORT
PHOTOMETRIC FILENAME : SDI5-4-L27-835-DMA-100D-DIM-UNV_.IES

UGR TABLE - CORRECTED

Reflectances

Ceiling Cavity	70	70	50	50	30	70	70	50	50	30
Walls	50	30	50	30	30	50	30	50	30	30
Floor Cavity	20	20	20	20	20	20	20	20	20	20

Room Size UGR Viewed Crosswise

X=2H	Y=2H	22.8	24.4	23.1	24.7	25.0	22.5	24.1	22.9	24.4	24.7
	3H	24.6	26.0	24.9	26.3	26.7	24.2	25.7	24.6	26.0	26.4
	4H	25.2	26.6	25.6	26.9	27.3	24.9	26.2	25.3	26.6	26.9
	6H	25.6	26.9	26.1	27.3	27.7	25.3	26.5	25.7	26.9	27.3
	8H	25.8	27.0	26.2	27.4	27.8	25.4	26.6	25.8	27.0	27.4
	12H	25.8	27.0	26.3	27.4	27.8	25.5	26.6	25.9	27.0	27.4

UGR Viewed Endwise

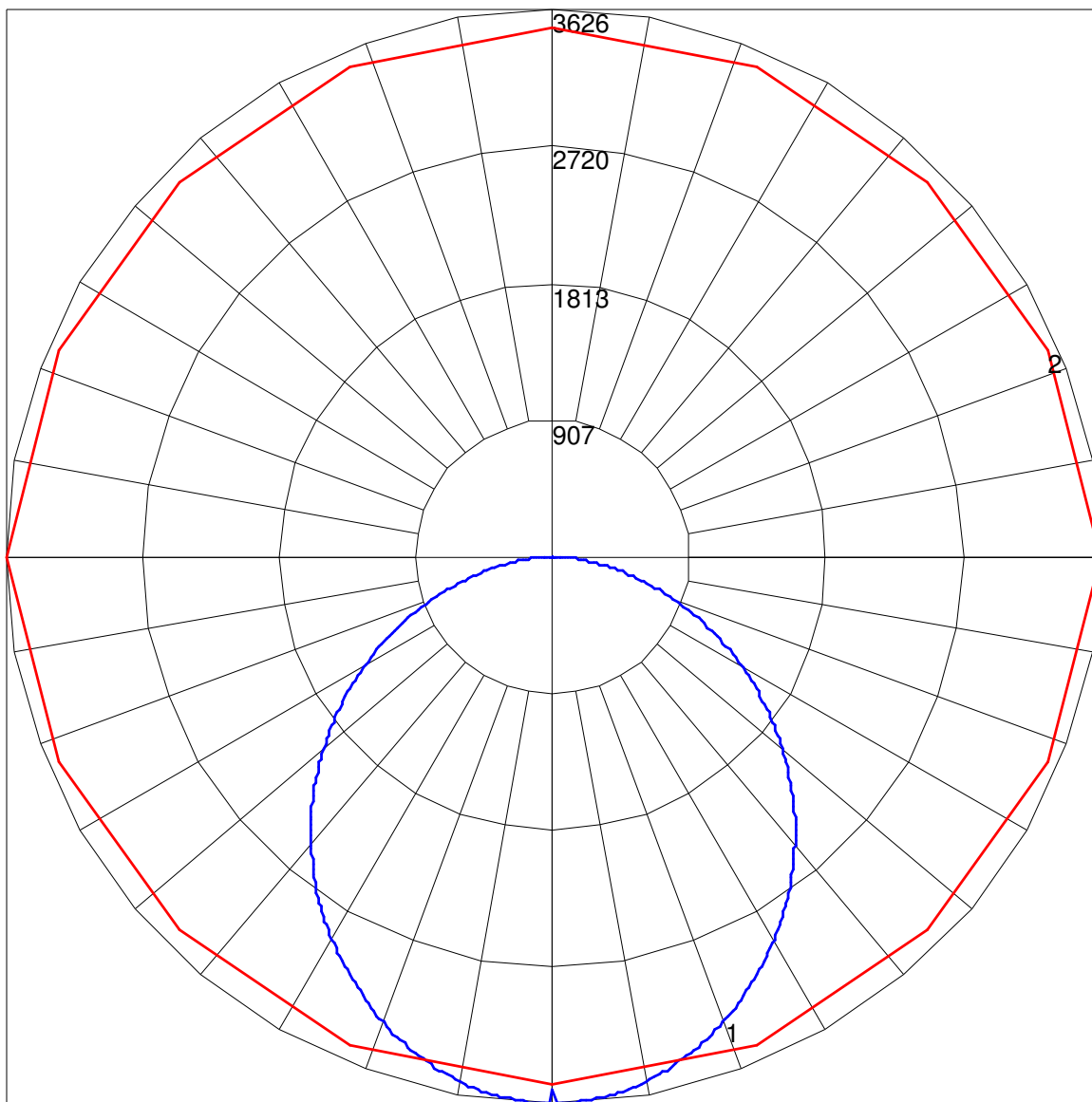
4H	2H	23.4	24.7	23.8	25.1	25.5	23.1	24.5	23.5	24.9	25.2
	3H	25.4	26.5	25.8	26.9	27.3	25.1	26.2	25.5	26.6	27.0
	4H	26.1	27.2	26.6	27.6	28.0	25.8	26.9	26.3	27.3	27.7
	6H	26.7	27.6	27.1	28.0	28.5	26.4	27.3	26.8	27.7	28.2
	8H	26.8	27.7	27.3	28.1	28.6	26.5	27.4	27.0	27.8	28.3
	12H	26.9	27.7	27.4	28.2	28.7	26.6	27.4	27.1	27.9	28.3

8H	4H	26.4	27.2	26.8	27.7	28.1	26.1	27.0	26.6	27.4	27.9
	6H	27.1	27.8	27.5	28.2	28.7	26.8	27.5	27.3	28.0	28.4
	8H	27.3	27.9	27.8	28.4	28.9	27.0	27.6	27.5	28.1	28.6
	12H	27.4	28.0	27.9	28.5	29.0	27.1	27.7	27.7	28.2	28.8

12H	4H	26.4	27.2	26.9	27.6	28.1	26.1	26.9	26.6	27.4	27.9
	6H	27.1	27.7	27.6	28.2	28.7	26.8	27.5	27.3	27.9	28.5
	8H	27.4	27.9	27.9	28.4	29.0	27.1	27.6	27.6	28.1	28.7

Maximum UGR = 29.0

POLAR GRAPH



Maximum Candela = 3626.375 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.)