



IES INDOOR REPORT

PHOTOMETRIC FILENAME : SDI5-8-L16-835-DMA-90U-10D-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] GEN FROM 12731921.02
[TESTLAB] UL Verification Services Inc.
[ISSUEDATE] 04-21-2023
[MANUFAC] WILLIAMS INDOOR
[OTHER] H.E. WILLIAMS, INC. - CARTHAGE, MO.64836
[LUMINAIRE] 8' SUSPENDED LED LUMINAIRE
[MORE] WITH FROSTED ACRYLIC LENS
[LUMCAT] SDI5-8-L16-835-DMA-90U-10D-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	13648
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	148
Total Luminaire Watts	92
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)	7.90 ft
Luminous Width (90-270)	0.40 ft
Luminous Height	0.15 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	2015	1597	1479
55	1928	1416	1280
65	1809	1170	1029
75	1510	799	670
85	879	295	235

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-8-L16-835-DMA-90U-10D-DIM-UNV_.IES****CANDELA TABULATION**

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0.0	624.027	624.027	624.027	624.027	624.027
0.5	631.308	624.153	621.767	624.404	620.261
1.0	631.182	624.153	621.893	624.404	620.387
1.5	630.931	624.027	621.767	624.529	620.387
2.0	630.680	623.776	621.642	624.529	620.638
2.5	630.555	623.525	621.642	624.780	621.014
3.0	630.178	623.274	621.516	624.906	621.391
3.5	629.802	622.897	621.391	625.031	621.893
4.0	629.425	622.646	621.140	625.157	622.521
4.5	628.797	622.144	620.889	625.282	623.148
5.0	628.295	621.642	620.638	625.408	623.650
5.5	627.667	621.140	620.387	625.408	624.278
6.0	627.040	620.638	620.010	625.533	624.780
6.5	626.287	620.135	619.508	625.408	625.282
7.0	625.533	619.508	619.006	625.282	625.659
7.5	624.906	618.755	618.504	625.031	625.784
8.0	624.027	618.001	618.001	624.655	625.784
8.5	623.148	617.248	617.374	624.153	625.533
9.0	622.270	616.495	616.746	623.525	625.031
9.5	621.391	615.491	615.867	622.772	624.278
10.0	620.261	614.486	614.989	621.893	623.399
10.5	619.257	613.608	613.984	620.889	622.395
11.0	618.252	612.603	612.980	619.884	621.140
11.5	616.997	611.474	611.976	618.880	619.759
12.0	615.867	610.344	610.846	617.625	618.378
12.5	614.738	609.089	609.591	616.495	616.872
13.0	613.482	607.833	608.461	615.114	615.365
13.5	612.227	606.578	607.206	613.608	613.733
14.0	610.720	605.197	605.825	611.976	612.101
14.5	609.214	603.691	604.318	610.344	610.344
15.0	607.582	602.184	602.937	608.712	608.461
15.5	606.076	600.678	601.557	607.080	606.578
16.0	604.444	599.171	600.050	605.323	604.695
16.5	602.686	597.539	598.669	603.691	602.937
17.0	600.929	595.908	597.037	602.059	600.929
17.5	599.171	594.150	595.531	600.301	598.795
18.0	597.288	592.393	593.899	598.544	596.661
18.5	595.405	590.635	592.267	596.786	594.527
19.0	593.397	588.878	590.510	594.903	592.393
19.5	591.388	586.869	588.627	593.020	590.133
20.0	589.254	584.986	586.744	590.886	587.748
20.5	586.995	582.852	584.609	588.752	585.488
21.0	584.861	580.843	582.601	586.367	583.103
21.5	582.601	578.709	580.341	583.856	580.843
22.0	580.341	576.575	578.082	581.471	578.458
22.5	577.956	574.441	575.822	578.835	576.199
23.0	575.571	572.182	573.437	576.324	573.688
23.5	573.060	569.922	570.926	573.814	570.926
24.0	570.550	567.537	568.416	571.177	568.165
24.5	567.914	565.026	565.905	568.541	565.277
25.0	565.403	562.641	563.269	565.905	562.516
25.5	562.767	560.130	560.633	563.143	559.628
26.0	560.130	557.620	557.871	560.256	556.741
26.5	557.369	554.858	554.984	557.369	553.728

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27.0	554.481	552.096	552.096	554.356	550.715
27.5	551.594	549.335	549.209	551.343	547.577
28.0	548.707	546.573	546.071	548.205	544.564
28.5	545.820	543.686	543.058	545.066	541.426
29.0	542.807	540.673	539.920	542.054	538.288
29.5	539.669	537.660	536.781	538.915	535.024
30.0	536.530	534.647	533.517	535.777	531.760
30.5	533.266	531.383	530.253	532.764	528.496
31.0	530.128	528.245	527.115	529.500	525.107
31.5	526.864	524.981	523.851	526.236	521.843
32.0	523.475	521.717	520.587	522.973	518.328
32.5	520.211	518.328	517.072	519.458	514.938
33.0	516.696	514.938	513.683	516.068	511.423
33.5	513.181	511.423	510.168	512.553	507.783
34.0	509.540	507.909	506.653	509.038	504.268
34.5	506.026	504.394	503.138	505.272	500.502
35.0	502.385	500.753	499.498	501.381	496.736
35.5	498.745	497.238	495.732	497.489	492.845
36.0	494.979	493.472	491.966	493.347	489.079
36.5	491.087	489.706	488.074	489.330	485.313
37.0	487.196	485.815	484.308	485.187	481.421
37.5	483.304	481.923	480.417	481.044	477.529
38.0	479.538	478.032	476.525	477.027	473.638
38.5	475.646	474.140	472.634	473.010	469.621
39.0	471.755	470.123	468.868	469.119	465.729
39.5	467.863	466.106	464.851	465.102	461.712
40.0	463.846	462.089	460.708	461.085	457.695
40.5	459.704	457.946	456.565	457.067	453.553
41.0	455.687	453.929	452.423	453.050	449.535
41.5	451.670	449.787	448.155	448.908	445.644
42.0	447.652	445.644	444.012	444.765	441.501
42.5	443.510	441.376	439.744	440.748	437.484
43.0	439.367	437.233	435.350	436.606	433.342
43.5	435.099	432.965	431.208	432.337	429.073
44.0	430.831	428.822	426.939	428.195	424.805
44.5	426.563	424.554	422.671	423.927	420.663
45.0	422.169	420.412	418.403	419.533	416.395
45.5	417.901	416.018	414.135	415.139	412.001
46.0	413.507	411.624	409.992	410.746	407.733
46.5	409.114	407.105	405.850	406.352	403.339
47.0	404.720	402.460	401.582	401.958	399.071
47.5	400.452	398.067	397.314	397.565	394.677
48.0	396.058	393.548	393.045	393.171	390.158
48.5	391.539	388.903	388.652	388.652	385.639
49.0	387.020	384.384	384.258	384.258	381.120
49.5	382.375	379.739	379.864	379.739	376.726
50.0	377.730	375.220	375.471	375.094	372.207
50.5	373.086	370.575	370.951	370.449	367.688
51.0	368.566	365.930	366.432	365.679	363.168
51.5	363.796	361.285	361.788	361.034	358.649
52.0	359.151	356.641	357.143	356.390	354.004
52.5	354.381	351.996	352.498	351.745	349.485
53.0	349.485	347.226	347.728	346.975	344.841
53.5	344.715	342.581	342.958	342.204	340.196
54.0	339.945	337.936	338.187	337.434	335.551
54.5	335.174	333.166	333.417	332.664	330.781

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55.0	330.153	328.521	328.647	327.893	326.010
55.5	325.132	323.751	323.876	323.123	321.240
56.0	319.985	318.855	318.981	318.227	316.470
56.5	314.964	313.959	314.085	313.457	311.574
57.0	309.942	309.063	309.189	308.561	306.678
57.5	305.046	304.168	304.168	303.666	301.783
58.0	300.276	299.146	299.272	298.770	296.887
58.5	295.631	293.999	294.251	293.999	291.991
59.0	290.861	288.853	289.355	288.978	286.970
59.5	286.091	283.580	284.333	283.957	281.948
60.0	281.321	278.433	279.312	278.935	276.927
60.5	276.425	273.412	274.165	273.789	271.906
61.0	271.906	268.391	269.144	268.642	266.884
61.5	267.135	263.495	264.122	263.495	261.988
62.0	262.239	258.473	259.101	258.348	256.967
62.5	257.344	253.703	253.954	253.076	251.946
63.0	252.322	248.807	248.807	247.929	246.799
63.5	247.050	243.786	243.535	242.782	241.652
64.0	241.903	238.765	238.514	237.635	236.505
64.5	236.505	233.743	233.367	232.614	231.484
65.0	231.233	228.596	228.220	227.467	226.462
65.5	225.835	223.450	222.947	222.320	221.316
66.0	220.437	218.177	217.801	217.173	216.294
66.5	215.039	213.030	212.654	212.026	211.147
67.0	209.766	207.758	207.381	206.879	205.875
67.5	204.369	202.486	202.234	201.732	200.603
68.0	198.845	197.213	197.088	196.585	195.330
68.5	193.447	191.941	191.815	191.188	189.932
69.0	187.924	186.417	186.417	185.915	184.409
69.5	182.400	181.019	181.019	180.392	179.011
70.0	176.877	175.496	175.747	174.994	173.487
70.5	171.353	169.972	170.349	169.470	168.089
71.0	165.830	164.574	164.951	164.072	162.691
71.5	160.306	159.051	159.553	158.549	157.293
72.0	154.783	153.527	154.030	153.025	151.896
72.5	149.134	148.130	148.506	147.627	146.498
73.0	143.610	142.732	142.983	142.229	141.100
73.5	137.961	137.334	137.585	136.832	135.702
74.0	132.438	132.061	132.187	131.559	130.429
74.5	127.040	126.789	126.914	126.287	125.157
75.0	121.516	121.391	121.642	121.014	119.884
75.5	116.118	116.244	116.244	115.616	114.612
76.0	110.721	110.972	110.846	110.469	109.340
76.5	105.323	105.950	105.574	105.448	104.318
77.0	100.050	100.929	100.552	100.301	99.297
77.5	94.903	96.033	95.405	95.405	94.401
78.0	89.631	91.012	90.259	90.384	89.505
78.5	84.610	85.865	85.363	85.614	84.610
79.0	79.463	80.844	80.341	80.718	79.714
79.5	74.441	75.948	75.697	76.073	74.943
80.0	69.671	71.052	70.926	71.429	70.424
80.5	64.901	66.282	66.282	67.035	66.031
81.0	60.256	61.637	61.888	62.641	61.762
81.5	55.486	56.992	57.494	58.248	57.369
82.0	50.967	52.473	53.101	53.854	53.101
82.5	46.573	48.079	49.084	49.837	48.958

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CANDELA TABULATION - (Cont.)

83.0	42.305	43.937	45.067	45.820	45.067
83.5	38.162	40.045	41.301	42.054	41.175
84.0	34.271	36.154	37.660	38.413	37.660
84.5	30.630	32.513	34.145	34.898	34.271
85.0	26.990	28.998	30.881	31.634	31.007
85.5	23.600	25.860	27.743	28.622	27.868
86.0	20.336	22.847	24.856	25.734	24.981
86.5	17.449	20.211	22.219	23.224	22.219
87.0	14.938	17.700	19.960	20.964	19.709
87.5	12.679	15.566	17.826	18.830	17.449
88.0	10.796	13.683	15.817	17.073	15.566
88.5	9.541	12.177	14.311	15.566	13.809
89.0	8.411	10.921	12.930	13.683	11.549
89.5	7.783	10.294	11.549	11.926	9.289
90.0	8.034	10.921	11.926	12.302	9.415
90.5	5.649	12.553	11.800	10.043	8.913
91.0	7.783	19.583	22.973	20.964	20.085
91.5	11.047	24.981	33.894	34.020	33.015
92.0	15.064	29.877	40.171	45.067	45.318
92.5	19.960	38.413	45.318	50.841	52.222
93.0	25.609	58.499	50.967	56.365	57.745
93.5	32.137	92.267	57.369	62.892	64.273
94.0	39.292	133.819	64.901	69.922	71.554
94.5	47.326	174.240	75.446	77.329	78.835
95.0	56.239	214.160	97.037	85.739	87.120
95.5	66.282	252.322	142.355	95.405	96.284
96.0	77.078	284.710	227.216	108.210	106.327
96.5	89.003	318.981	334.045	134.070	119.382
97.0	101.808	355.260	456.942	193.322	145.744
97.5	115.240	387.396	579.965	286.593	204.494
98.0	129.676	423.927	692.819	403.088	295.506
98.5	144.991	459.578	753.578	552.724	407.984
99.0	161.185	494.351	792.870	725.081	555.235
99.5	178.383	531.509	846.975	900.828	735.250
100.0	196.083	572.684	911.624	1074.818	930.454
100.5	214.788	610.972	968.365	1205.247	1118.755
101.0	233.743	644.489	1019.709	1266.633	1299.272
101.5	253.578	683.655	1068.290	1315.591	1418.529
102.0	273.789	724.705	1118.755	1372.081	1475.019
102.5	295.004	765.001	1170.349	1434.848	1525.232
103.0	316.847	802.912	1223.826	1498.870	1586.743
103.5	339.066	841.200	1275.420	1560.381	1649.510
104.0	361.788	879.111	1323.123	1618.127	1708.511
104.5	384.886	919.407	1369.570	1669.596	1768.767
105.0	408.235	960.959	1412.252	1721.064	1826.512
105.5	432.212	997.866	1453.678	1771.278	1880.492
106.0	456.565	1039.543	1495.104	1824.002	1930.705
106.5	481.798	1081.597	1536.530	1876.726	1979.663
107.0	507.281	1116.872	1577.956	1928.195	2029.877
107.5	533.392	1150.891	1619.382	1978.408	2081.345
108.0	559.377	1181.396	1662.064	2022.345	2130.303
108.5	585.865	1209.013	1703.490	2062.515	2179.262
109.0	612.603	1241.024	1746.171	2103.941	2224.454
109.5	639.468	1274.165	1786.342	2145.367	2264.624
110.0	666.708	1306.804	1825.257	2185.538	2302.284
110.5	694.451	1335.676	1862.917	2224.454	2339.944

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CANDELA TABULATION - (Cont.)

111.0	722.445	1362.038	1899.322	2260.858	2376.349
111.5	750.314	1392.166	1934.471	2296.008	2412.754
112.0	778.559	1418.529	1969.621	2333.668	2447.903
112.5	806.678	1446.146	2002.259	2370.072	2481.797
113.0	834.547	1475.019	2034.898	2406.477	2515.691
113.5	862.039	1507.657	2068.792	2442.882	2549.585
114.0	889.405	1535.275	2101.431	2476.776	2584.735
114.5	917.399	1560.381	2134.069	2509.415	2617.373
115.0	945.644	1581.722	2167.963	2540.798	2651.267
115.5	973.512	1600.552	2199.347	2570.926	2682.651
116.0	1002.008	1621.893	2228.220	2601.054	2712.779
116.5	1031.007	1641.978	2258.348	2628.671	2741.652
117.0	1059.754	1657.042	2288.476	2656.289	2769.269
117.5	1088.501	1670.851	2319.859	2682.651	2795.631
118.0	1116.872	1683.404	2349.987	2707.758	2820.738
118.5	1145.242	1699.724	2376.349	2732.864	2845.844
119.0	1173.111	1718.554	2396.434	2755.460	2868.440
119.5	1201.356	1734.873	2417.775	2779.312	2891.036
120.0	1228.722	1749.937	2441.627	2801.908	2912.377
120.5	1255.335	1766.256	2464.223	2821.993	2933.718
121.0	1282.952	1783.831	2480.542	2842.078	2953.803
121.5	1309.314	1801.406	2496.861	2862.164	2972.633
122.0	1335.676	1820.236	2514.436	2879.738	2991.463
122.5	1362.038	1836.555	2533.266	2897.313	3009.038
123.0	1388.400	1852.874	2549.585	2913.632	3026.613
123.5	1413.507	1869.194	2563.394	2932.462	3041.677
124.0	1439.869	1883.002	2578.458	2955.059	3056.741
124.5	1466.231	1896.811	2593.522	2976.399	3070.549
125.0	1491.338	1910.620	2608.586	2992.719	3083.103
125.5	1516.445	1923.173	2622.395	3002.761	3098.167
126.0	1541.551	1936.982	2637.459	3010.293	3115.741
126.5	1565.403	1948.280	2648.757	3019.081	3135.827
127.0	1590.509	1960.833	2658.799	3032.889	3150.891
127.5	1614.361	1972.131	2666.331	3046.698	3159.678
128.0	1636.957	1983.429	2676.374	3055.485	3165.955
128.5	1660.808	1994.727	2685.162	3064.273	3170.976
129.0	1683.404	2007.281	2693.949	3071.805	3181.019
129.5	1706.000	2017.323	2703.992	3079.337	3192.317
130.0	1728.596	2029.877	2715.290	3085.613	3201.104
130.5	1751.192	2041.175	2724.077	3089.379	3206.126
131.0	1773.788	2051.217	2730.354	3093.145	3212.402
131.5	1796.384	2062.515	2732.864	3098.167	3218.679
132.0	1817.725	2073.813	2732.864	3104.443	3222.445
132.5	1840.321	2083.856	2732.864	3110.720	3226.211
133.0	1861.662	2095.154	2732.864	3115.741	3229.977
133.5	1884.258	2105.197	2731.609	3122.018	3233.743
134.0	1905.598	2115.239	2727.843	3125.784	3237.509
134.5	1926.939	2125.282	2725.332	3128.295	3241.275
135.0	1948.280	2134.069	2725.332	3130.805	3242.530
135.5	1969.621	2144.112	2725.332	3130.805	3243.786
136.0	1990.961	2152.899	2725.332	3128.295	3245.041
136.5	2012.302	2161.687	2726.588	3127.039	3245.041
137.0	2033.643	2170.474	2727.843	3128.295	3246.296
137.5	2053.728	2179.262	2729.098	3132.061	3242.530
138.0	2075.069	2189.304	2731.609	3137.082	3240.020
138.5	2095.154	2198.092	2731.609	3137.082	3236.254

IES INDOOR REPORT
PHOTOMETRIC FILENAME : SDI5-8-L16-835-DMA-90U-10D-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

139.0	2113.984	2208.134	2732.864	3130.805	3231.232
139.5	2134.069	2218.177	2734.120	3122.018	3228.722
140.0	2152.899	2228.220	2734.120	3113.231	3231.232
140.5	2170.474	2239.518	2734.120	3104.443	3232.488
141.0	2189.304	2252.071	2732.864	3095.656	3227.466
141.5	2206.879	2264.624	2732.864	3084.358	3216.168
142.0	2224.454	2278.433	2731.609	3073.060	3203.615
142.5	2242.028	2293.497	2730.354	3064.273	3192.317
143.0	2258.348	2308.561	2729.098	3057.996	3182.274
143.5	2275.922	2323.625	2726.588	3050.464	3169.721
144.0	2290.986	2338.689	2725.332	3044.187	3155.912
144.5	2308.561	2352.498	2721.566	3039.166	3143.359
145.0	2323.625	2367.562	2719.056	3032.889	3134.571
145.5	2339.944	2382.626	2716.545	3026.613	3125.784
146.0	2355.008	2397.690	2712.779	3019.081	3118.252
146.5	2370.072	2411.498	2709.013	3012.804	3110.720
147.0	2385.136	2425.307	2705.247	3006.527	3103.188
147.5	2398.945	2440.371	2701.481	2998.995	3095.656
148.0	2415.264	2454.180	2697.715	2991.463	3088.124
148.5	2429.073	2467.989	2693.949	2983.931	3078.081
149.0	2442.882	2480.542	2688.928	2976.399	3069.294
149.5	2456.691	2493.095	2683.906	2968.867	3060.507
150.0	2471.755	2504.393	2678.885	2960.080	3050.464
150.5	2484.308	2515.691	2673.863	2951.293	3041.677
151.0	2498.117	2526.989	2668.842	2943.761	3031.634
151.5	2511.925	2538.287	2663.821	2933.718	3020.336
152.0	2524.479	2549.585	2658.799	2924.930	3009.038
152.5	2537.032	2560.883	2653.778	2914.888	2997.740
153.0	2549.585	2572.181	2648.757	2904.845	2985.187
153.5	2562.139	2584.735	2643.735	2894.802	2972.633
154.0	2574.692	2594.777	2642.480	2884.760	2960.080
154.5	2585.990	2606.075	2639.969	2873.462	2947.527
155.0	2598.543	2617.373	2639.969	2860.908	2933.718
155.5	2609.841	2628.671	2642.480	2849.610	2921.164
156.0	2621.139	2638.714	2644.991	2837.057	2907.356
156.5	2631.182	2650.012	2648.757	2823.248	2892.292
157.0	2642.480	2660.055	2656.289	2810.695	2878.483
157.5	2652.523	2670.097	2666.331	2798.142	2863.419
158.0	2662.565	2680.140	2678.885	2785.588	2848.355
158.5	2672.608	2690.183	2690.183	2773.035	2833.291
159.0	2682.651	2698.970	2700.226	2761.737	2819.482
159.5	2691.438	2707.758	2710.268	2750.439	2804.418
160.0	2701.481	2716.545	2720.311	2744.162	2790.610
160.5	2710.268	2725.332	2729.098	2740.396	2776.801
161.0	2719.056	2734.120	2739.141	2737.886	2766.758
161.5	2727.843	2741.652	2747.928	2736.630	2759.226
162.0	2735.375	2749.184	2756.716	2741.652	2755.460
162.5	2744.162	2756.716	2764.248	2750.439	2751.694
163.0	2751.694	2764.248	2769.269	2762.992	2751.694
163.5	2759.226	2770.524	2774.290	2775.546	2757.971
164.0	2766.758	2776.801	2779.312	2784.333	2769.269
164.5	2773.035	2784.333	2784.333	2791.865	2783.078
165.0	2779.312	2790.610	2789.354	2799.397	2791.865
165.5	2785.588	2795.631	2794.376	2808.184	2798.142
166.0	2791.865	2801.908	2799.397	2816.972	2805.674
166.5	2796.886	2806.929	2804.418	2821.993	2813.206

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-8-L16-835-DMA-90U-10D-DIM-UNV_.IES****CANDELA TABULATION - (Cont.)**

167.0	2801.908	2813.206	2808.184	2825.759	2820.738
167.5	2806.929	2818.227	2813.206	2829.525	2827.014
168.0	2813.206	2823.248	2816.972	2832.036	2830.780
168.5	2816.972	2827.014	2820.738	2834.546	2832.036
169.0	2821.993	2832.036	2824.504	2837.057	2834.546
169.5	2825.759	2835.802	2828.270	2840.823	2837.057
170.0	2829.525	2839.568	2830.780	2843.334	2839.568
170.5	2833.291	2843.334	2833.291	2845.844	2843.334
171.0	2835.802	2847.100	2837.057	2848.355	2845.844
171.5	2839.568	2849.610	2839.568	2850.866	2848.355
172.0	2843.334	2852.121	2842.078	2853.376	2850.866
172.5	2845.844	2854.632	2844.589	2855.887	2852.121
173.0	2848.355	2857.142	2847.100	2858.398	2854.632
173.5	2850.866	2859.653	2849.610	2860.908	2857.142
174.0	2853.376	2862.164	2850.866	2862.164	2859.653
174.5	2854.632	2863.419	2853.376	2864.674	2860.908
175.0	2857.142	2864.674	2854.632	2865.930	2862.164
175.5	2857.142	2865.930	2855.887	2867.185	2863.419
176.0	2858.398	2867.185	2857.142	2868.440	2864.674
176.5	2859.653	2868.440	2858.398	2869.696	2865.930
177.0	2860.908	2869.696	2859.653	2869.696	2865.930
177.5	2860.908	2870.951	2859.653	2870.951	2867.185
178.0	2862.164	2872.206	2860.908	2872.206	2867.185
178.5	2862.164	2872.206	2860.908	2872.206	2868.440
179.0	2863.419	2873.462	2862.164	2872.206	2869.696
179.5	2863.419	2873.462	2862.164	2873.462	2870.951
180.0	2868.440	2868.440	2868.440	2868.440	2868.440

IES INDOOR REPORT
PHOTOMETRIC FILENAME : SDI5-8-L16-835-DMA-90U-10D-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	230.32	N.A.	1.70
0-30	490.14	N.A.	3.60
0-40	802.90	N.A.	5.90
0-60	1419.67	N.A.	10.40
0-80	1773.65	N.A.	13.00
0-90	1810.27	N.A.	13.30
10-90	1750.91	N.A.	12.80
20-40	572.58	N.A.	4.20
20-50	896.10	N.A.	6.60
40-70	842.31	N.A.	6.20
60-80	353.98	N.A.	2.60
70-80	128.44	N.A.	0.90
80-90	36.62	N.A.	0.30
90-110	1594.12	N.A.	11.70
90-120	3583.14	N.A.	26.30
90-130	5767.87	N.A.	42.30
90-150	9515.99	N.A.	69.70
90-180	11837.59	N.A.	86.70
110-180	10243.47	N.A.	75.10
0-180	13647.86	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	59.36
10-20	170.96
20-30	259.82
30-40	312.77
40-50	323.52
50-60	293.26
60-70	225.53
70-80	128.44
80-90	36.62
90-100	236.00
100-110	1358.11
110-120	1989.02
120-130	2184.73
130-140	2045.17
140-150	1702.94
150-160	1260.91
160-170	788.34
170-180	272.35

IES INDOOR REPORT
PHOTOMETRIC FILENAME : SDI5-8-L16-835-DMA-90U-10D-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	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 : SDI5-8-L16-835-DMA-90U-10D-DIM-UNV_.IES

UGR TABLE - CORRECTED

Reflectances

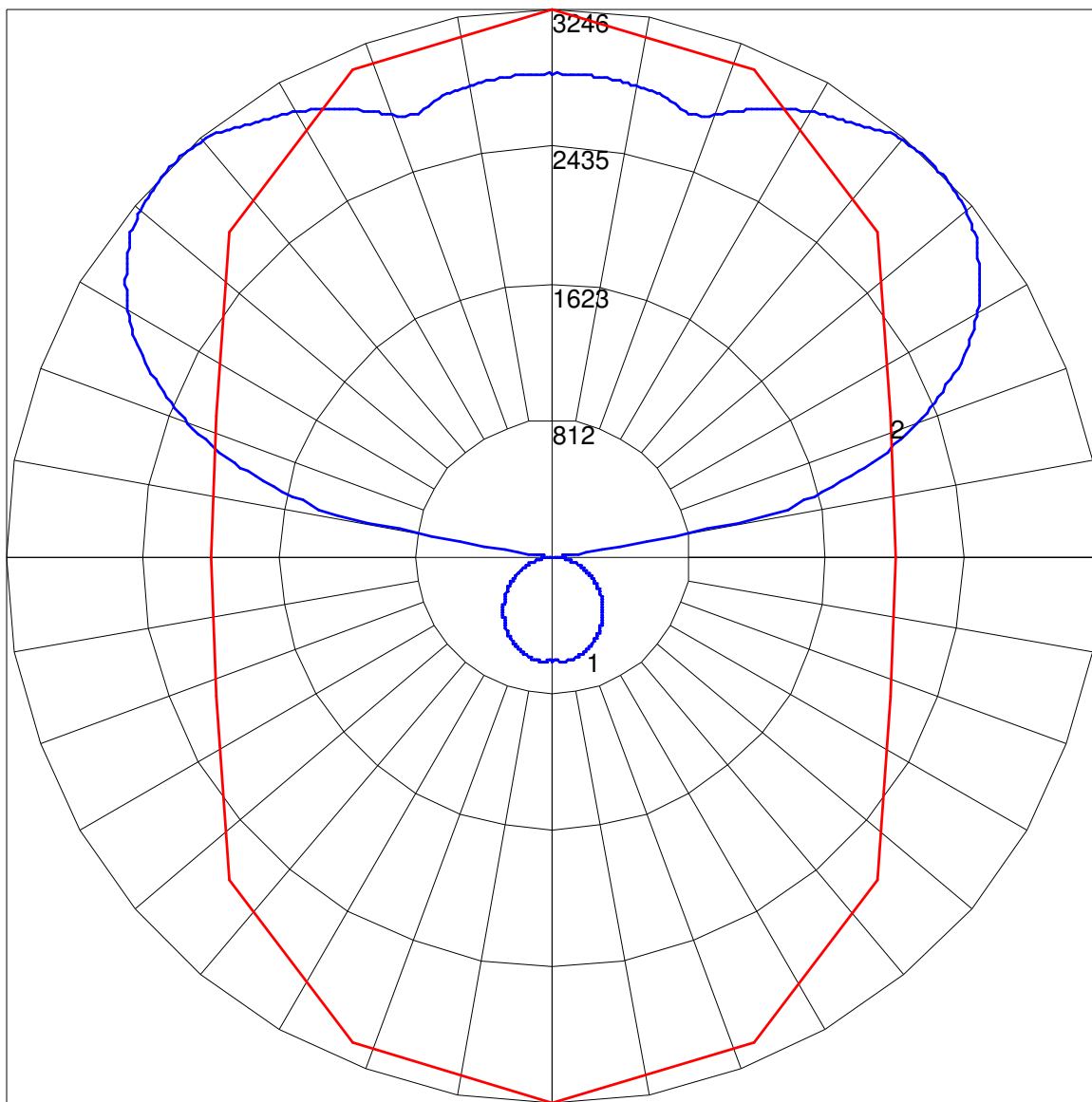
Ceiling Cavity	70	70	50	50	30	70	70	50	50	30
Walls	50	30	50	30	30	50	30	50	30	30
Floor Cavity	20	20	20	20	20	20	20	20	20	20

Room Size UGR Viewed Crosswise

X=2H	Y=2H	9.1	9.1	9.1	9.1	9.1	UGR Viewed Endwise				
	3H	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.9
	4H	9.1	9.1	9.1	9.1	9.2	9.1	9.1	9.1	9.1	10.5
	6H	9.1	9.1	9.1	9.1	9.4	9.1	9.1	9.1	9.1	10.9
	8H	9.1	9.1	9.1	9.1	9.5	9.1	9.1	9.1	9.2	11.0
	12H	9.1	9.1	9.1	9.1	9.4	9.1	9.1	9.1	9.3	11.0
4H	2H	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
	3H	9.1	9.1	9.1	9.1	9.4	9.1	9.1	9.1	9.1	10.4
	4H	9.1	9.1	9.1	9.1	10.0	9.1	9.1	9.1	9.3	11.1
	6H	9.1	9.1	9.1	9.1	10.2	9.1	9.1	9.4	9.8	11.5
	8H	9.1	9.1	9.1	9.1	10.3	9.1	9.1	9.6	9.9	11.6
	12H	9.1	9.1	9.1	9.1	10.2	9.1	9.1	9.7	9.9	11.7
8H	4H	9.1	9.1	9.1	9.1	10.1	9.1	9.1	9.1	9.3	11.1
	6H	9.1	9.1	9.1	9.1	10.5	9.1	9.1	9.6	9.9	11.6
	8H	9.1	9.1	9.1	9.1	10.5	9.1	9.1	9.8	10.0	11.8
	12H	9.1	9.1	9.1	9.1	10.6	9.1	9.1	10.0	10.1	11.9
12H	4H	9.1	9.1	9.1	9.1	10.0	9.1	9.1	9.1	9.2	11.0
	6H	9.1	9.1	9.1	9.1	10.5	9.1	9.1	9.6	9.8	11.6
	8H	9.1	9.1	9.1	9.1	10.6	9.1	9.1	9.8	10.0	11.8

Maximum UGR = 11.9

POLAR GRAPH



Maximum Candela = 3246.296 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.)