



IES INDOOR REPORT

PHOTOMETRIC FILENAME : SDI5-8-L27-835-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-L27-835-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	22238
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	143
Total Luminaire Watts	156
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	3283	2602	2410
55	3141	2307	2085
65	2948	1906	1676
75	2460	1302	1092
85	1432	481	382

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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	1016.787	1016.787	1016.787	1016.787	1016.787
0.5	1028.651	1016.992	1013.105	1017.401	1010.651
1.0	1028.446	1016.992	1013.310	1017.401	1010.855
1.5	1028.037	1016.787	1013.105	1017.605	1010.855
2.0	1027.628	1016.378	1012.901	1017.605	1011.265
2.5	1027.424	1015.969	1012.901	1018.015	1011.878
3.0	1026.810	1015.560	1012.696	1018.219	1012.492
3.5	1026.196	1014.946	1012.492	1018.424	1013.310
4.0	1025.583	1014.537	1012.083	1018.628	1014.333
4.5	1024.560	1013.719	1011.674	1018.833	1015.355
5.0	1023.742	1012.901	1011.265	1019.037	1016.174
5.5	1022.719	1012.083	1010.855	1019.037	1017.196
6.0	1021.696	1011.265	1010.242	1019.242	1018.015
6.5	1020.469	1010.446	1009.424	1019.037	1018.833
7.0	1019.242	1009.424	1008.606	1018.833	1019.446
7.5	1018.219	1008.196	1007.787	1018.424	1019.651
8.0	1016.787	1006.969	1006.969	1017.810	1019.651
8.5	1015.355	1005.742	1005.946	1016.992	1019.242
9.0	1013.924	1004.515	1004.924	1015.969	1018.424
9.5	1012.492	1002.878	1003.492	1014.742	1017.196
10.0	1010.651	1001.242	1002.060	1013.310	1015.765
10.5	1009.015	999.810	1000.424	1011.674	1014.128
11.0	1007.378	998.174	998.787	1010.037	1012.083
11.5	1005.333	996.333	997.151	1008.401	1009.833
12.0	1003.492	994.492	995.310	1006.356	1007.583
12.5	1001.651	992.447	993.265	1004.515	1005.128
13.0	999.606	990.401	991.424	1002.265	1002.674
13.5	997.560	988.356	989.378	999.810	1000.015
14.0	995.106	986.106	987.128	997.151	997.356
14.5	992.651	983.651	984.674	994.492	994.492
15.0	989.992	981.197	982.424	991.833	991.424
15.5	987.537	978.742	980.174	989.174	988.356
16.0	984.878	976.288	977.719	986.310	985.288
16.5	982.015	973.629	975.469	983.651	982.424
17.0	979.151	970.969	972.810	980.992	979.151
17.5	976.288	968.106	970.356	978.128	975.674
18.0	973.219	965.242	967.697	975.265	972.197
18.5	970.151	962.379	965.038	972.401	968.719
19.0	966.879	959.515	962.174	969.333	965.242
19.5	963.606	956.242	959.106	966.265	961.560
20.0	960.129	953.174	956.038	962.788	957.674
20.5	956.447	949.697	952.561	959.310	953.992
21.0	952.970	946.424	949.288	955.424	950.106
21.5	949.288	942.947	945.606	951.333	946.424
22.0	945.606	939.470	941.924	947.447	942.538
22.5	941.720	935.992	938.242	943.151	938.856
23.0	937.833	932.311	934.356	939.061	934.765
23.5	933.742	928.629	930.265	934.970	930.265
24.0	929.652	924.743	926.174	930.674	925.765
24.5	925.356	920.652	922.083	926.379	921.061
25.0	921.265	916.765	917.788	922.083	916.561
25.5	916.970	912.674	913.493	917.584	911.856
26.0	912.674	908.584	908.993	912.879	907.152
26.5	908.174	904.084	904.288	908.174	902.243

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-8-L27-835-DMA-90U-10D-DIM-UNV_.IES****CANDELA TABULATION - (Cont.)**

27.0	903.470	899.584	899.584	903.265	897.334
27.5	898.765	895.084	894.879	898.356	892.220
28.0	894.061	890.584	889.766	893.243	887.311
28.5	889.356	885.879	884.857	888.129	882.197
29.0	884.447	880.970	879.743	883.220	877.084
29.5	879.334	876.061	874.629	878.107	871.766
30.0	874.220	871.152	869.311	872.993	866.448
30.5	868.902	865.834	863.993	868.084	861.129
31.0	863.788	860.720	858.879	862.766	855.607
31.5	858.470	855.402	853.561	857.448	850.289
32.0	852.948	850.084	848.243	852.129	844.561
32.5	847.630	844.561	842.516	846.402	839.039
33.0	841.902	839.039	836.993	840.880	833.311
33.5	836.175	833.311	831.266	835.152	827.380
34.0	830.243	827.584	825.539	829.425	821.652
34.5	824.516	821.857	819.812	823.289	815.516
35.0	818.584	815.925	813.880	816.948	809.380
35.5	812.653	810.198	807.743	810.607	803.039
36.0	806.516	804.062	801.607	803.857	796.903
36.5	800.175	797.925	795.266	797.312	790.766
37.0	793.835	791.585	789.130	790.562	784.425
37.5	787.494	785.244	782.789	783.812	778.085
38.0	781.357	778.903	776.448	777.266	771.744
38.5	775.016	772.562	770.107	770.721	765.198
39.0	768.676	766.017	763.971	764.380	758.858
39.5	762.335	759.471	757.426	757.835	752.312
40.0	755.789	752.926	750.676	751.289	745.767
40.5	749.039	746.176	743.926	744.744	739.017
41.0	742.494	739.630	737.176	738.199	732.471
41.5	735.949	732.880	730.221	731.449	726.131
42.0	729.403	726.131	723.471	724.699	719.381
42.5	722.653	719.176	716.517	718.153	712.835
43.0	715.903	712.426	709.358	711.403	706.085
43.5	708.949	705.472	702.608	704.449	699.131
44.0	701.994	698.722	695.653	697.699	692.176
44.5	695.040	691.767	688.699	690.744	685.426
45.0	687.881	685.017	681.745	683.585	678.472
45.5	680.926	677.858	674.790	676.426	671.313
46.0	673.767	670.699	668.040	669.267	664.358
46.5	666.608	663.336	661.290	662.108	657.199
47.0	659.449	655.767	654.336	654.949	650.245
47.5	652.495	648.608	647.381	647.790	643.086
48.0	645.336	641.245	640.427	640.631	635.722
48.5	637.972	633.677	633.268	633.268	628.359
49.0	630.609	626.313	626.109	626.109	620.995
49.5	623.040	618.745	618.950	618.745	613.836
50.0	615.472	611.381	611.791	611.177	606.472
50.5	607.904	603.813	604.427	603.609	599.109
51.0	600.541	596.245	597.063	595.836	591.745
51.5	592.768	588.677	589.495	588.268	584.382
52.0	585.200	581.109	581.927	580.700	576.814
52.5	577.427	573.541	574.359	573.132	569.450
53.0	569.450	565.768	566.586	565.359	561.882
53.5	561.677	558.200	558.814	557.586	554.314
54.0	553.905	550.632	551.041	549.814	546.746
54.5	546.132	542.859	543.268	542.041	538.973

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55.0	537.950	535.291	535.496	534.268	531.200
55.5	529.768	527.518	527.723	526.496	523.428
56.0	521.382	519.541	519.746	518.519	515.655
56.5	513.200	511.564	511.769	510.746	507.678
57.0	505.019	503.587	503.791	502.769	499.701
57.5	497.041	495.610	495.610	494.791	491.723
58.0	489.269	487.428	487.632	486.814	483.746
58.5	481.701	479.042	479.451	479.042	475.769
59.0	473.928	470.655	471.473	470.860	467.587
59.5	466.155	462.064	463.292	462.678	459.405
60.0	458.383	453.678	455.110	454.496	451.224
60.5	450.405	445.496	446.724	446.110	443.042
61.0	443.042	437.315	438.542	437.724	434.860
61.5	435.269	429.337	430.360	429.337	426.883
62.0	427.292	421.156	422.178	420.951	418.701
62.5	419.315	413.383	413.792	412.360	410.519
63.0	411.133	405.406	405.406	403.974	402.133
63.5	402.542	397.224	396.815	395.588	393.747
64.0	394.156	389.042	388.633	387.201	385.361
64.5	385.361	380.861	380.247	379.020	377.179
65.0	376.770	372.474	371.861	370.633	368.997
65.5	367.974	364.088	363.270	362.247	360.611
66.0	359.179	355.497	354.884	353.861	352.429
66.5	350.384	347.111	346.497	345.474	344.043
67.0	341.793	338.520	337.906	337.088	335.452
67.5	332.997	329.929	329.520	328.702	326.861
68.0	323.997	321.338	321.134	320.316	318.270
68.5	315.202	312.747	312.543	311.520	309.475
69.0	306.202	303.748	303.748	302.929	300.475
69.5	297.202	294.952	294.952	293.929	291.679
70.0	288.202	285.952	286.361	285.134	282.680
70.5	279.202	276.952	277.566	276.134	273.884
71.0	270.202	268.157	268.771	267.339	265.089
71.5	261.202	259.157	259.975	258.339	256.293
72.0	252.203	250.157	250.975	249.339	247.498
72.5	242.998	241.362	241.975	240.544	238.703
73.0	233.998	232.566	232.975	231.748	229.907
73.5	224.794	223.771	224.180	222.953	221.112
74.0	215.794	215.180	215.385	214.362	212.521
74.5	206.998	206.589	206.794	205.771	203.930
75.0	197.998	197.794	198.203	197.180	195.339
75.5	189.203	189.408	189.408	188.385	186.748
76.0	180.408	180.817	180.612	179.999	178.158
76.5	171.612	172.635	172.021	171.817	169.976
77.0	163.021	164.453	163.840	163.431	161.794
77.5	154.635	156.476	155.453	155.453	153.817
78.0	146.044	148.294	147.067	147.272	145.840
78.5	137.863	139.908	139.090	139.499	137.863
79.0	129.476	131.726	130.908	131.522	129.885
79.5	121.294	123.749	123.340	123.954	122.113
80.0	113.522	115.772	115.567	116.385	114.749
80.5	105.749	107.999	107.999	109.226	107.590
81.0	98.181	100.431	100.840	102.067	100.636
81.5	90.408	92.863	93.681	94.908	93.477
82.0	83.045	85.499	86.522	87.749	86.522
82.5	75.886	78.340	79.977	81.204	79.772

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CANDELA TABULATION - (Cont.)

83.0	68.931	71.590	73.431	74.658	73.431
83.5	62.181	65.249	67.295	68.522	67.090
84.0	55.840	58.909	61.363	62.590	61.363
84.5	49.909	52.977	55.636	56.863	55.840
85.0	43.977	47.250	50.318	51.545	50.522
85.5	38.454	42.136	45.204	46.636	45.409
86.0	33.136	37.227	40.500	41.931	40.704
86.5	28.432	32.932	36.204	37.841	36.204
87.0	24.341	28.841	32.522	34.159	32.113
87.5	20.659	25.363	29.045	30.682	28.432
88.0	17.591	22.295	25.773	27.818	25.363
88.5	15.545	19.841	23.318	25.363	22.500
89.0	13.704	17.795	21.068	22.295	18.818
89.5	12.682	16.773	18.818	19.432	15.136
90.0	13.091	17.795	19.432	20.045	15.341
90.5	9.204	20.454	19.227	16.364	14.523
91.0	12.682	31.909	37.432	34.159	32.727
91.5	18.000	40.704	55.227	55.431	53.795
92.0	24.545	48.681	65.454	73.431	73.840
92.5	32.522	62.590	73.840	82.840	85.090
93.0	41.727	95.317	83.045	91.840	94.090
93.5	52.363	150.340	93.477	102.476	104.726
94.0	64.022	218.044	105.749	113.931	116.590
94.5	77.113	283.907	122.931	125.999	128.454
95.0	91.636	348.952	158.112	139.703	141.953
95.5	107.999	411.133	231.953	155.453	156.885
96.0	125.590	463.905	370.224	176.317	173.249
96.5	145.022	519.746	544.291	218.453	194.521
97.0	165.885	578.859	744.539	314.997	237.475
97.5	187.771	631.222	944.992	466.974	333.202
98.0	211.294	690.744	1128.877	656.790	481.496
98.5	236.248	748.835	1227.876	900.606	664.767
99.0	262.634	805.494	1291.899	1181.445	904.697
99.5	290.657	866.038	1380.057	1467.806	1198.013
100.0	319.497	933.129	1485.397	1751.304	1516.079
100.5	349.974	995.515	1577.851	1963.825	1822.894
101.0	380.861	1050.128	1661.509	2063.847	2117.028
101.5	413.178	1113.946	1740.668	2143.619	2311.345
102.0	446.110	1180.831	1822.894	2235.664	2403.390
102.5	480.678	1246.490	1906.962	2337.936	2485.207
103.0	516.269	1308.262	1994.098	2442.253	2585.434
103.5	552.473	1370.648	2078.165	2542.479	2687.706
104.0	589.495	1432.420	2155.892	2636.570	2783.841
104.5	627.131	1498.079	2231.573	2720.433	2882.022
105.0	665.176	1565.783	2301.118	2804.296	2976.112
105.5	704.244	1625.919	2368.617	2886.113	3064.066
106.0	743.926	1693.827	2436.117	2972.021	3145.884
106.5	785.039	1762.349	2503.616	3057.930	3225.656
107.0	826.562	1819.826	2571.116	3141.793	3307.473
107.5	869.107	1875.258	2638.615	3223.610	3391.336
108.0	911.447	1924.962	2708.160	3295.201	3471.108
108.5	954.606	1969.961	2775.659	3360.655	3550.880
109.0	998.174	2022.120	2845.204	3428.154	3624.516
109.5	1041.946	2076.120	2910.658	3495.654	3689.970
110.0	1086.332	2129.301	2974.067	3561.108	3751.333
110.5	1131.536	2176.346	3035.430	3624.516	3812.697

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111.0	1177.150	2219.300	3094.748	3683.834	3872.014
111.5	1222.558	2268.391	3152.020	3741.106	3931.332
112.0	1268.581	2311.345	3209.292	3802.469	3988.604
112.5	1314.398	2356.345	3262.474	3861.787	4043.831
113.0	1359.807	2403.390	3315.655	3921.105	4099.058
113.5	1404.602	2456.571	3370.882	3980.422	4154.285
114.0	1449.193	2501.571	3424.063	4035.649	4211.557
114.5	1494.806	2542.479	3477.245	4088.831	4264.738
115.0	1540.828	2577.252	3532.472	4139.967	4319.965
115.5	1586.237	2607.934	3583.607	4189.057	4371.101
116.0	1632.669	2642.706	3630.653	4238.148	4420.192
116.5	1679.918	2675.433	3679.743	4283.147	4467.237
117.0	1726.759	2699.978	3728.834	4328.147	4512.236
117.5	1773.599	2722.478	3779.970	4371.101	4555.191
118.0	1819.826	2742.932	3829.060	4412.010	4596.099
118.5	1866.053	2769.523	3872.014	4452.919	4637.008
119.0	1911.462	2800.205	3904.741	4489.737	4673.826
119.5	1957.484	2826.795	3939.514	4528.600	4710.644
120.0	2002.075	2851.341	3978.377	4565.418	4745.416
120.5	2045.438	2877.931	4015.195	4598.145	4780.189
121.0	2090.438	2906.567	4041.786	4630.872	4812.916
121.5	2133.392	2935.204	4068.376	4663.599	4843.597
122.0	2176.346	2965.885	4097.012	4692.235	4874.279
122.5	2219.300	2992.476	4127.694	4720.871	4902.915
123.0	2262.254	3019.067	4154.285	4747.462	4931.551
123.5	2303.163	3045.657	4176.785	4778.143	4956.096
124.0	2346.117	3068.157	4201.330	4814.961	4980.642
124.5	2389.072	3090.657	4225.875	4849.734	5003.141
125.0	2429.980	3113.157	4250.420	4876.324	5023.596
125.5	2470.889	3133.611	4272.920	4892.688	5048.141
126.0	2511.798	3156.111	4297.465	4904.960	5076.777
126.5	2550.661	3174.520	4315.874	4919.279	5109.504
127.0	2591.570	3194.974	4332.238	4941.778	5134.050
127.5	2630.433	3213.383	4344.510	4964.278	5148.368
128.0	2667.251	3231.792	4360.874	4978.596	5158.595
128.5	2706.115	3250.201	4375.192	4992.914	5166.777
129.0	2742.932	3270.655	4389.510	5005.187	5183.140
129.5	2779.750	3287.019	4405.874	5017.460	5201.549
130.0	2816.568	3307.473	4424.283	5027.687	5215.867
130.5	2853.386	3325.882	4438.601	5033.823	5224.049
131.0	2890.204	3342.246	4448.828	5039.959	5234.276
131.5	2927.022	3360.655	4452.919	5048.141	5244.503
132.0	2961.794	3379.064	4452.919	5058.368	5250.639
132.5	2998.612	3395.427	4452.919	5068.595	5256.776
133.0	3033.385	3413.836	4452.919	5076.777	5262.912
133.5	3070.203	3430.200	4450.873	5087.004	5269.048
134.0	3104.975	3446.563	4444.737	5093.141	5275.185
134.5	3139.747	3462.927	4440.646	5097.232	5281.321
135.0	3174.520	3477.245	4440.646	5101.322	5283.366
135.5	3209.292	3493.608	4440.646	5101.322	5285.412
136.0	3244.065	3507.926	4440.646	5097.232	5287.457
136.5	3278.837	3522.244	4442.691	5095.186	5287.457
137.0	3313.610	3536.562	4444.737	5097.232	5289.503
137.5	3346.337	3550.880	4446.782	5103.368	5283.366
138.0	3381.109	3567.244	4450.873	5111.550	5279.276
138.5	3413.836	3581.562	4450.873	5111.550	5273.139

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CANDELA TABULATION - (Cont.)

139.0	3444.518	3597.926	4452.919	5101.322	5264.958
139.5	3477.245	3614.289	4454.964	5087.004	5260.867
140.0	3507.926	3630.653	4454.964	5072.686	5264.958
140.5	3536.562	3649.061	4454.964	5058.368	5267.003
141.0	3567.244	3669.516	4452.919	5044.050	5258.821
141.5	3595.880	3689.970	4452.919	5025.641	5240.412
142.0	3624.516	3712.470	4450.873	5007.232	5219.958
142.5	3653.152	3737.015	4448.828	4992.914	5201.549
143.0	3679.743	3761.561	4446.782	4982.687	5185.185
143.5	3708.379	3786.106	4442.691	4970.414	5164.731
144.0	3732.924	3810.651	4440.646	4960.187	5142.231
144.5	3761.561	3833.151	4434.510	4952.006	5121.777
145.0	3786.106	3857.696	4430.419	4941.778	5107.459
145.5	3812.697	3882.241	4426.328	4931.551	5093.141
146.0	3837.242	3906.787	4420.192	4919.279	5080.868
146.5	3861.787	3929.286	4414.055	4909.051	5068.595
147.0	3886.332	3951.786	4407.919	4898.824	5056.323
147.5	3908.832	3976.332	4401.783	4886.552	5044.050
148.0	3935.423	3998.831	4395.646	4874.279	5031.778
148.5	3957.923	4021.331	4389.510	4862.006	5015.414
149.0	3980.422	4041.786	4381.328	4849.734	5001.096
149.5	4002.922	4062.240	4373.147	4837.461	4986.778
150.0	4027.468	4080.649	4364.965	4823.143	4970.414
150.5	4047.922	4099.058	4356.783	4808.825	4956.096
151.0	4070.422	4117.467	4348.601	4796.552	4939.733
151.5	4092.922	4135.876	4340.420	4780.189	4921.324
152.0	4113.376	4154.285	4332.238	4765.871	4902.915
152.5	4133.830	4172.694	4324.056	4749.507	4884.506
153.0	4154.285	4191.103	4315.874	4733.144	4864.052
153.5	4174.739	4211.557	4307.693	4716.780	4843.597
154.0	4195.193	4227.920	4305.647	4700.417	4823.143
154.5	4213.602	4246.329	4301.556	4682.008	4802.689
155.0	4234.057	4264.738	4301.556	4661.553	4780.189
155.5	4252.466	4283.147	4305.647	4643.144	4759.734
156.0	4270.875	4299.511	4309.738	4622.690	4737.235
156.5	4287.238	4317.920	4315.874	4600.190	4712.689
157.0	4305.647	4334.283	4328.147	4579.736	4690.189
157.5	4322.011	4350.647	4344.510	4559.281	4665.644
158.0	4338.374	4367.010	4364.965	4538.827	4641.099
158.5	4354.738	4383.374	4383.374	4518.373	4616.554
159.0	4371.101	4397.692	4399.737	4499.964	4594.054
159.5	4385.419	4412.010	4416.101	4481.555	4569.509
160.0	4401.783	4426.328	4432.464	4471.328	4547.009
160.5	4416.101	4440.646	4446.782	4465.191	4524.509
161.0	4430.419	4454.964	4463.146	4461.100	4508.145
161.5	4444.737	4467.237	4477.464	4459.055	4495.873
162.0	4457.010	4479.509	4491.782	4467.237	4489.737
162.5	4471.328	4491.782	4504.055	4481.555	4483.600
163.0	4483.600	4504.055	4512.236	4502.009	4483.600
163.5	4495.873	4514.282	4520.418	4522.464	4493.827
164.0	4508.145	4524.509	4528.600	4536.782	4512.236
164.5	4518.373	4536.782	4536.782	4549.054	4534.736
165.0	4528.600	4547.009	4544.963	4561.327	4549.054
165.5	4538.827	4555.191	4553.145	4575.645	4559.281
166.0	4549.054	4565.418	4561.327	4589.963	4571.554
166.5	4557.236	4573.599	4569.509	4598.145	4583.827

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CANDELA TABULATION - (Cont.)

167.0	4565.418	4583.827	4575.645	4604.281	4596.099
167.5	4573.599	4592.008	4583.827	4610.417	4606.326
168.0	4583.827	4600.190	4589.963	4614.508	4612.463
168.5	4589.963	4606.326	4596.099	4618.599	4614.508
169.0	4598.145	4614.508	4602.236	4622.690	4618.599
169.5	4604.281	4620.645	4608.372	4628.826	4622.690
170.0	4610.417	4626.781	4612.463	4632.917	4626.781
170.5	4616.554	4632.917	4616.554	4637.008	4632.917
171.0	4620.645	4639.054	4622.690	4641.099	4637.008
171.5	4626.781	4643.144	4626.781	4645.190	4641.099
172.0	4632.917	4647.235	4630.872	4649.281	4645.190
172.5	4637.008	4651.326	4634.963	4653.372	4647.235
173.0	4641.099	4655.417	4639.054	4657.462	4651.326
173.5	4645.190	4659.508	4643.144	4661.553	4655.417
174.0	4649.281	4663.599	4645.190	4663.599	4659.508
174.5	4651.326	4665.644	4649.281	4667.690	4661.553
175.0	4655.417	4667.690	4651.326	4669.735	4663.599
175.5	4655.417	4669.735	4653.372	4671.781	4665.644
176.0	4657.462	4671.781	4655.417	4673.826	4667.690
176.5	4659.508	4673.826	4657.462	4675.871	4669.735
177.0	4661.553	4675.871	4659.508	4675.871	4669.735
177.5	4661.553	4677.917	4659.508	4677.917	4671.781
178.0	4663.599	4679.962	4661.553	4679.962	4671.781
178.5	4663.599	4679.962	4661.553	4679.962	4673.826
179.0	4665.644	4682.008	4663.599	4679.962	4675.871
179.5	4665.644	4682.008	4663.599	4682.008	4677.917
180.0	4673.826	4673.826	4673.826	4673.826	4673.826

IES INDOOR REPORT
PHOTOMETRIC FILENAME : SDI5-8-L27-835-DMA-90U-10D-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	375.28	N.A.	1.70
0-30	798.62	N.A.	3.60
0-40	1308.24	N.A.	5.90
0-60	2313.21	N.A.	10.40
0-80	2889.98	N.A.	13.00
0-90	2949.65	N.A.	13.30
10-90	2852.92	N.A.	12.80
20-40	932.96	N.A.	4.20
20-50	1460.09	N.A.	6.60
40-70	1372.45	N.A.	6.20
60-80	576.77	N.A.	2.60
70-80	209.29	N.A.	0.90
80-90	59.67	N.A.	0.30
90-110	2597.45	N.A.	11.70
90-120	5838.35	N.A.	26.30
90-130	9398.14	N.A.	42.30
90-150	15505.31	N.A.	69.70
90-180	19288.12	N.A.	86.70
110-180	16690.66	N.A.	75.10
0-180	22237.77	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	96.73
10-20	278.55
20-30	423.34
30-40	509.62
40-50	527.13
50-60	477.83
60-70	367.48
70-80	209.29
80-90	59.67
90-100	384.55
100-110	2212.91
110-120	3240.9
120-130	3559.79
130-140	3332.4
140-150	2774.77
150-160	2054.53
160-170	1284.52
170-180	443.76

IES INDOOR REPORT
PHOTOMETRIC FILENAME : SDI5-8-L27-835-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-L27-835-DMA-90U-10D-DIM-UNV_.IES

UGR TABLE - CORRECTED

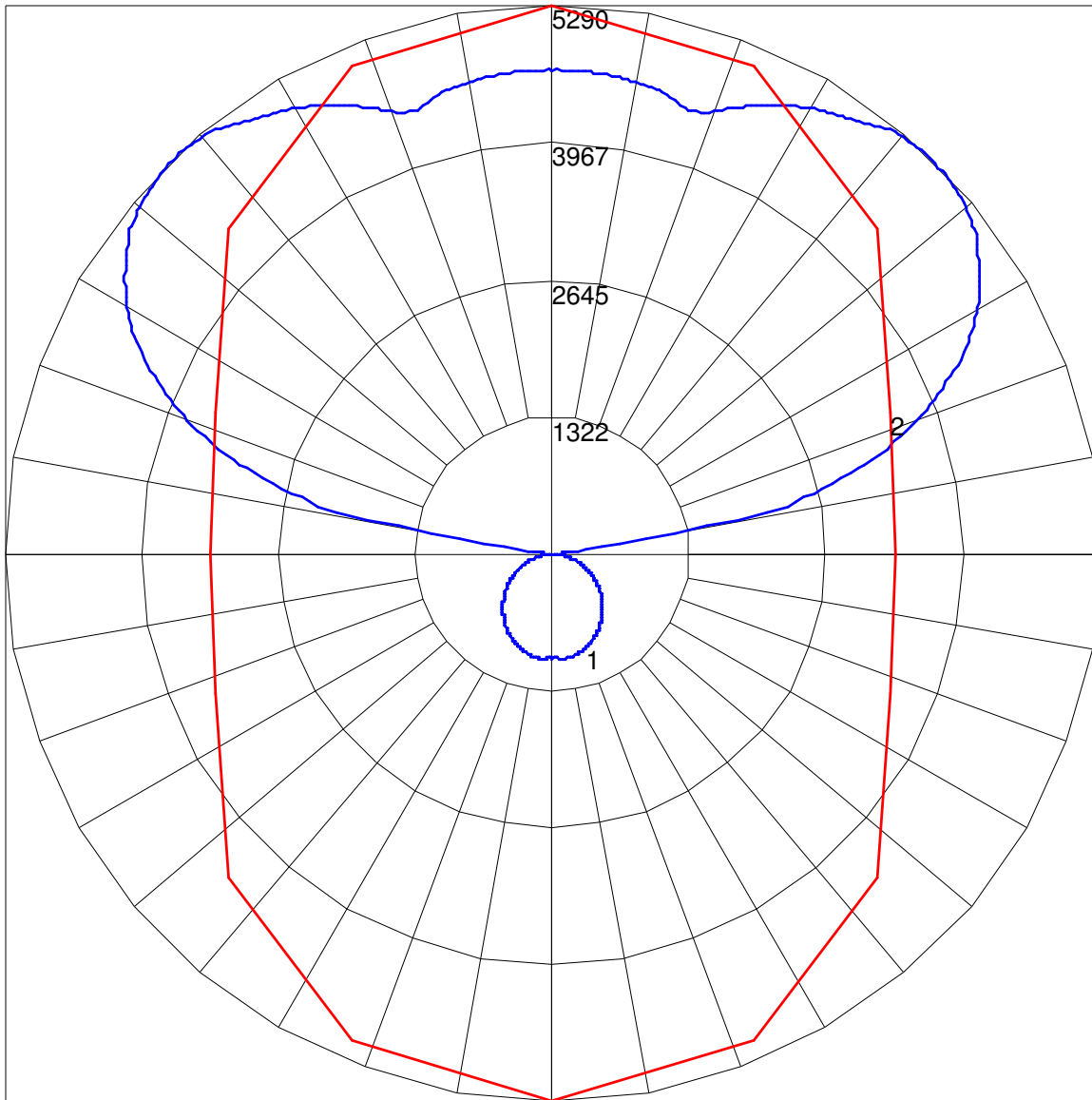
Reflectances

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					UGR Viewed Endwise				
X=2H	Y=2H	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8
	3H	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	11.6
	4H	10.8	10.8	10.8	10.8	10.9	10.8	10.8	10.8	10.8	12.2
	6H	10.8	10.8	10.8	10.8	11.1	10.8	10.8	10.8	10.8	12.6
	8H	10.8	10.8	10.8	10.8	11.2	10.8	10.8	10.8	10.9	12.7
	12H	10.8	10.8	10.8	10.8	11.1	10.8	10.8	10.8	11.0	12.7
4H	2H	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8
	3H	10.8	10.8	10.8	10.8	11.1	10.8	10.8	10.8	10.8	12.1
	4H	10.8	10.8	10.8	10.8	11.7	10.8	10.8	10.8	11.0	12.8
	6H	10.8	10.8	10.8	10.8	11.9	10.8	10.8	11.1	11.5	13.2
	8H	10.8	10.8	10.8	10.8	12.0	10.8	10.8	11.3	11.6	13.3
	12H	10.8	10.8	10.8	10.8	11.9	10.8	10.8	11.4	11.6	13.4
8H	4H	10.8	10.8	10.8	10.8	11.8	10.8	10.8	10.8	11.0	12.8
	6H	10.8	10.8	10.8	10.8	12.2	10.8	10.8	11.3	11.6	13.3
	8H	10.8	10.8	10.8	10.8	12.2	10.8	10.8	11.5	11.7	13.5
	12H	10.8	10.8	10.8	10.8	12.3	10.8	10.8	11.7	11.8	13.6
12H	4H	10.8	10.8	10.8	10.8	11.7	10.8	10.8	10.8	10.9	12.7
	6H	10.8	10.8	10.8	10.8	12.2	10.8	10.8	11.3	11.5	13.3
	8H	10.8	10.8	10.8	10.8	12.3	10.8	10.8	11.5	11.7	13.5

Maximum UGR = 13.6

POLAR GRAPH



Maximum Candela = 5289.503 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.)