



IES INDOOR REPORT

PHOTOMETRIC FILENAME : SDI5-8-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] 8' SUSPENDED LED LUMINAIRE

[MORE] WITH FROSTED ACRYLIC LENS

[LUMCAT] SDI5-8-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	18639
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	123
Total Luminaire Watts	152
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)	7.90 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	21888	20944	20646
55	20551	19607	19264
65	18827	17912	17563
75	15941	15159	14757
85	10032	10065	9879

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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	7076.900	7076.900	7076.900	7076.900	7076.900
0.5	7252.749	7113.706	7027.826	7021.692	7025.781
1.0	7252.749	7111.661	7025.781	7019.647	7023.737
1.5	7250.705	7109.616	7023.737	7017.602	7021.692
2.0	7246.615	7107.572	7021.692	7015.558	7017.602
2.5	7244.570	7103.482	7015.558	7011.468	7015.558
3.0	7240.481	7099.393	7011.468	7005.334	7009.423
3.5	7234.347	7093.258	7005.334	6999.200	7003.289
4.0	7228.212	7087.124	6999.200	6993.065	6997.155
4.5	7222.078	7078.945	6991.021	6984.886	6988.976
5.0	7213.899	7070.766	6982.842	6976.707	6980.797
5.5	7205.720	7062.587	6972.618	6966.483	6970.573
6.0	7195.496	7052.363	6964.439	6956.260	6960.349
6.5	7185.272	7042.139	6954.215	6946.036	6950.125
7.0	7175.049	7029.871	6941.946	6933.767	6937.857
7.5	7162.780	7019.647	6929.678	6921.499	6923.544
8.0	7148.467	7005.334	6917.409	6909.230	6911.275
8.5	7134.153	6991.021	6905.141	6894.917	6894.917
9.0	7117.795	6976.707	6890.828	6880.604	6880.604
9.5	7101.437	6962.394	6876.514	6864.246	6864.246
10.0	7085.079	6946.036	6860.156	6847.888	6845.843
10.5	7066.677	6927.633	6843.798	6829.485	6827.440
11.0	7046.229	6909.230	6825.395	6811.082	6809.037
11.5	7025.781	6890.828	6806.993	6792.679	6790.634
12.0	7005.334	6870.380	6786.545	6772.232	6770.187
12.5	6984.886	6849.932	6768.142	6751.784	6749.739
13.0	6962.394	6827.440	6745.650	6729.292	6727.247
13.5	6937.857	6804.948	6723.158	6706.799	6704.755
14.0	6915.365	6782.455	6700.665	6684.307	6682.262
14.5	6890.828	6757.918	6676.128	6659.770	6659.770
15.0	6866.290	6731.337	6649.546	6635.233	6635.233
15.5	6841.753	6706.799	6625.009	6610.696	6610.696
16.0	6815.172	6680.218	6596.383	6584.114	6586.159
16.5	6788.590	6651.591	6567.756	6555.488	6557.532
17.0	6762.008	6622.964	6539.129	6528.906	6530.950
17.5	6735.426	6594.338	6510.503	6498.234	6502.324
18.0	6706.799	6565.711	6479.832	6469.608	6471.653
18.5	6676.128	6535.040	6447.115	6438.936	6438.936
19.0	6645.457	6504.369	6416.444	6406.220	6408.265
19.5	6616.830	6473.697	6383.728	6375.549	6373.504
20.0	6584.114	6440.981	6351.012	6340.788	6340.788
20.5	6553.443	6408.265	6318.296	6308.072	6306.027
21.0	6520.727	6375.549	6283.535	6273.311	6271.266
21.5	6485.966	6342.833	6250.819	6238.550	6236.506
22.0	6453.250	6310.117	6218.103	6201.745	6199.700
22.5	6420.534	6275.356	6183.342	6166.984	6164.939
23.0	6385.773	6240.595	6150.626	6130.178	6128.134
23.5	6351.012	6205.834	6115.865	6095.417	6091.328
24.0	6316.251	6173.118	6081.104	6058.612	6054.522
24.5	6281.490	6136.313	6048.388	6021.806	6017.717
25.0	6244.685	6101.552	6011.582	5985.001	5978.866
25.5	6209.924	6066.791	5976.822	5948.195	5942.061
26.0	6173.118	6029.985	5940.016	5911.389	5903.210
26.5	6136.313	5993.180	5903.210	5872.539	5866.405

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CANDELA TABULATION - (Cont.)

27.0	6097.462	5958.419	5866.405	5835.733	5827.554
27.5	6060.657	5921.613	5829.599	5796.883	5786.659
28.0	6021.806	5882.763	5790.749	5758.033	5747.809
28.5	5985.001	5845.957	5751.898	5717.138	5708.959
29.0	5946.150	5809.152	5713.048	5678.287	5668.063
29.5	5905.255	5770.301	5674.198	5637.392	5627.168
30.0	5866.405	5731.451	5637.392	5598.542	5588.318
30.5	5827.554	5692.601	5598.542	5559.691	5547.423
31.0	5788.704	5653.750	5559.691	5518.796	5506.528
31.5	5747.809	5612.855	5518.796	5479.946	5465.633
32.0	5708.959	5574.005	5479.946	5439.051	5426.782
32.5	5668.063	5533.110	5439.051	5400.200	5385.887
33.0	5625.124	5492.214	5400.200	5361.350	5344.992
33.5	5584.228	5451.319	5359.305	5320.455	5304.097
34.0	5541.289	5408.379	5318.410	5279.560	5263.202
34.5	5496.304	5367.484	5277.515	5238.665	5222.307
35.0	5453.364	5324.544	5234.575	5197.770	5181.412
35.5	5408.379	5281.605	5193.680	5154.830	5140.516
36.0	5363.395	5236.620	5150.740	5113.935	5097.577
36.5	5318.410	5193.680	5107.800	5070.995	5054.637
37.0	5273.426	5150.740	5062.816	5026.010	5011.697
37.5	5228.441	5105.756	5017.831	4983.070	4966.712
38.0	5181.412	5060.771	4974.891	4938.086	4921.728
38.5	5134.382	5015.786	4929.907	4891.056	4876.743
39.0	5087.353	4970.802	4884.922	4846.072	4829.714
39.5	5042.368	4923.772	4837.893	4799.042	4782.684
40.0	4995.339	4878.788	4792.908	4752.013	4735.655
40.5	4948.309	4831.758	4745.879	4704.983	4688.625
41.0	4901.280	4784.729	4698.849	4655.909	4639.551
41.5	4852.206	4737.700	4651.820	4608.880	4590.477
42.0	4803.132	4688.625	4604.790	4559.806	4543.448
42.5	4754.058	4641.596	4555.716	4510.732	4494.374
43.0	4704.983	4592.522	4506.642	4463.702	4445.299
43.5	4653.865	4541.403	4457.568	4414.628	4396.225
44.0	4602.746	4492.329	4408.494	4363.509	4347.151
44.5	4551.627	4441.210	4359.420	4314.435	4296.032
45.0	4502.553	4392.136	4308.301	4265.361	4246.958
45.5	4449.389	4341.017	4257.182	4216.287	4195.839
46.0	4396.225	4289.898	4206.063	4165.168	4146.765
46.5	4343.062	4238.779	4156.989	4114.049	4095.646
47.0	4289.898	4185.615	4105.870	4062.930	4044.527
47.5	4236.734	4134.497	4052.706	4011.811	3993.408
48.0	4183.571	4081.333	4001.587	3960.692	3942.289
48.5	4130.407	4030.214	3950.468	3909.573	3891.171
49.0	4077.243	3977.050	3899.350	3858.454	3840.052
49.5	4022.035	3925.931	3848.231	3807.336	3788.933
50.0	3968.871	3872.768	3795.067	3756.217	3737.814
50.5	3915.708	3821.649	3743.948	3703.053	3684.650
51.0	3860.499	3768.485	3690.784	3651.934	3633.531
51.5	3807.336	3715.322	3639.666	3598.770	3580.368
52.0	3754.172	3662.158	3588.547	3547.652	3527.204
52.5	3701.008	3608.994	3535.383	3494.488	3476.085
53.0	3647.845	3555.831	3482.219	3443.369	3424.966
53.5	3592.636	3504.712	3429.056	3390.205	3371.803
54.0	3539.473	3451.548	3375.892	3339.086	3320.684
54.5	3484.264	3398.384	3324.773	3285.923	3267.520

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CANDELA TABULATION - (Cont.)

55.0	3429.056	3345.221	3271.609	3234.804	3214.356
55.5	3375.892	3292.057	3218.446	3181.640	3163.237
56.0	3322.728	3238.893	3165.282	3130.521	3110.074
56.5	3267.520	3183.685	3112.119	3077.358	3058.955
57.0	3212.312	3130.521	3058.955	3024.194	3009.881
57.5	3157.103	3077.358	3005.791	2973.075	2954.672
58.0	3101.895	3024.194	2954.672	2919.911	2903.553
58.5	3044.642	2968.986	2901.509	2866.748	2850.390
59.0	2987.388	2915.822	2846.300	2815.629	2797.226
59.5	2932.180	2860.614	2793.137	2762.465	2744.062
60.0	2874.927	2807.450	2742.018	2709.302	2690.899
60.5	2819.718	2752.241	2686.809	2656.138	2637.735
61.0	2764.510	2699.078	2633.646	2602.974	2584.572
61.5	2707.257	2643.869	2580.482	2549.811	2531.408
62.0	2652.048	2588.661	2527.318	2496.647	2478.244
62.5	2594.795	2535.497	2472.110	2443.483	2425.081
63.0	2539.587	2480.289	2418.946	2388.275	2371.917
63.5	2482.334	2425.081	2363.738	2335.111	2318.753
64.0	2427.125	2369.872	2310.574	2281.948	2265.590
64.5	2371.917	2314.664	2255.366	2228.784	2212.426
65.0	2314.664	2261.500	2202.202	2175.620	2159.262
65.5	2259.455	2206.292	2146.994	2120.412	2108.143
66.0	2202.202	2151.083	2093.830	2067.248	2054.980
66.5	2146.994	2095.875	2039.644	2013.062	2000.794
67.0	2089.741	2041.893	1985.662	1959.899	1947.221
67.5	2033.510	1987.707	1932.090	1906.530	1893.648
68.0	1977.075	1932.908	1878.313	1853.571	1840.689
68.5	1920.639	1878.108	1824.740	1800.203	1787.526
69.0	1864.817	1823.922	1771.168	1747.448	1734.362
69.5	1808.178	1769.123	1718.208	1694.489	1681.403
70.0	1751.742	1714.528	1665.249	1641.939	1628.853
70.5	1694.694	1659.933	1612.495	1589.593	1576.302
71.0	1639.281	1605.951	1560.558	1537.452	1523.139
71.5	1584.277	1551.561	1507.599	1484.902	1470.588
72.0	1528.864	1497.579	1454.639	1432.352	1418.243
72.5	1473.656	1443.598	1402.294	1379.801	1366.101
73.0	1418.447	1389.412	1349.743	1327.047	1313.960
73.5	1363.443	1335.226	1297.602	1274.905	1262.432
74.0	1308.848	1281.449	1245.052	1223.582	1211.518
74.5	1254.458	1228.285	1193.115	1172.259	1161.421
75.0	1200.272	1175.121	1141.383	1121.140	1111.120
75.5	1146.290	1122.775	1090.059	1070.634	1061.637
76.0	1092.718	1071.043	1039.349	1020.947	1012.154
76.5	1040.372	1019.106	988.844	971.055	963.080
77.0	987.822	967.987	938.747	921.776	914.415
77.5	935.885	916.869	889.060	872.906	866.363
78.0	884.152	866.568	840.190	824.855	818.925
78.5	832.829	816.880	791.729	777.621	771.895
79.0	782.119	767.806	744.087	730.796	725.479
79.5	731.818	719.550	697.466	685.402	679.881
80.0	682.335	671.907	651.459	640.418	634.692
80.5	634.079	625.082	606.066	596.251	590.526
81.0	586.845	579.075	562.103	553.106	547.586
81.5	540.225	533.886	519.368	510.780	505.668
82.0	494.831	490.332	477.451	469.680	464.773
82.5	450.664	447.597	436.760	430.012	425.105

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83.0	408.133	406.497	397.501	391.775	387.072
83.5	366.625	366.829	359.468	354.561	350.267
84.0	327.774	329.206	323.071	318.982	315.506
84.5	290.151	292.809	288.515	285.243	282.176
85.0	254.368	258.662	255.186	252.936	250.483
85.5	221.038	226.150	223.901	222.469	220.834
86.0	188.731	195.274	194.252	193.638	192.412
86.5	157.855	165.830	166.239	166.443	166.034
87.0	128.820	137.817	139.657	140.884	140.884
87.5	102.442	111.235	114.097	116.756	117.165
88.0	77.496	86.493	89.969	94.468	95.081
88.5	54.595	63.387	66.864	71.771	72.589
89.0	32.307	41.100	42.735	46.007	47.234
89.5	13.495	19.630	18.812	19.221	20.243
90.0	2.658	6.339	4.907	3.885	3.067
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 : SDI5-8-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 : SDI5-8-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 : SDI5-8-L27-835-DMA-100D-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	2552.6	N.A.	13.70
0-30	5341.17	N.A.	28.70
0-40	8635.31	N.A.	46.30
0-60	14921.26	N.A.	80.10
0-80	18333.66	N.A.	98.40
0-90	18639.25	N.A.	100.00
10-90	17972.05	N.A.	96.40
20-40	6082.72	N.A.	32.60
20-50	9424.67	N.A.	50.60
40-70	8481.07	N.A.	45.50
60-80	3412.4	N.A.	18.30
70-80	1217.27	N.A.	6.50
80-90	305.59	N.A.	1.60
90-110	0.12	N.A.	0.00
90-120	0.12	N.A.	0.00
90-130	0.12	N.A.	0.00
90-150	0.12	N.A.	0.00
90-180	0.12	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	18639.37	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	667.20
10-20	1885.4
20-30	2788.57
30-40	3294.14
40-50	3341.96
50-60	2943.99
60-70	2195.13
70-80	1217.27
80-90	305.59
90-100	0.12
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 : SDI5-8-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 : SDI5-8-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	22.6	24.2	23.0	24.5	24.9	UGR Viewed Endwise			
	3H	24.4	25.9	24.8	26.2	26.5	22.3	23.9	22.7	24.3
	4H	25.0	26.4	25.4	26.8	27.1	24.1	25.5	24.4	25.8
	6H	25.5	26.7	25.9	27.1	27.5	24.7	26.1	25.1	26.4
	8H	25.6	26.8	26.0	27.2	27.6	25.1	26.4	25.5	26.7
	12H	25.7	26.8	26.1	27.2	27.6	25.2	26.4	25.6	26.8

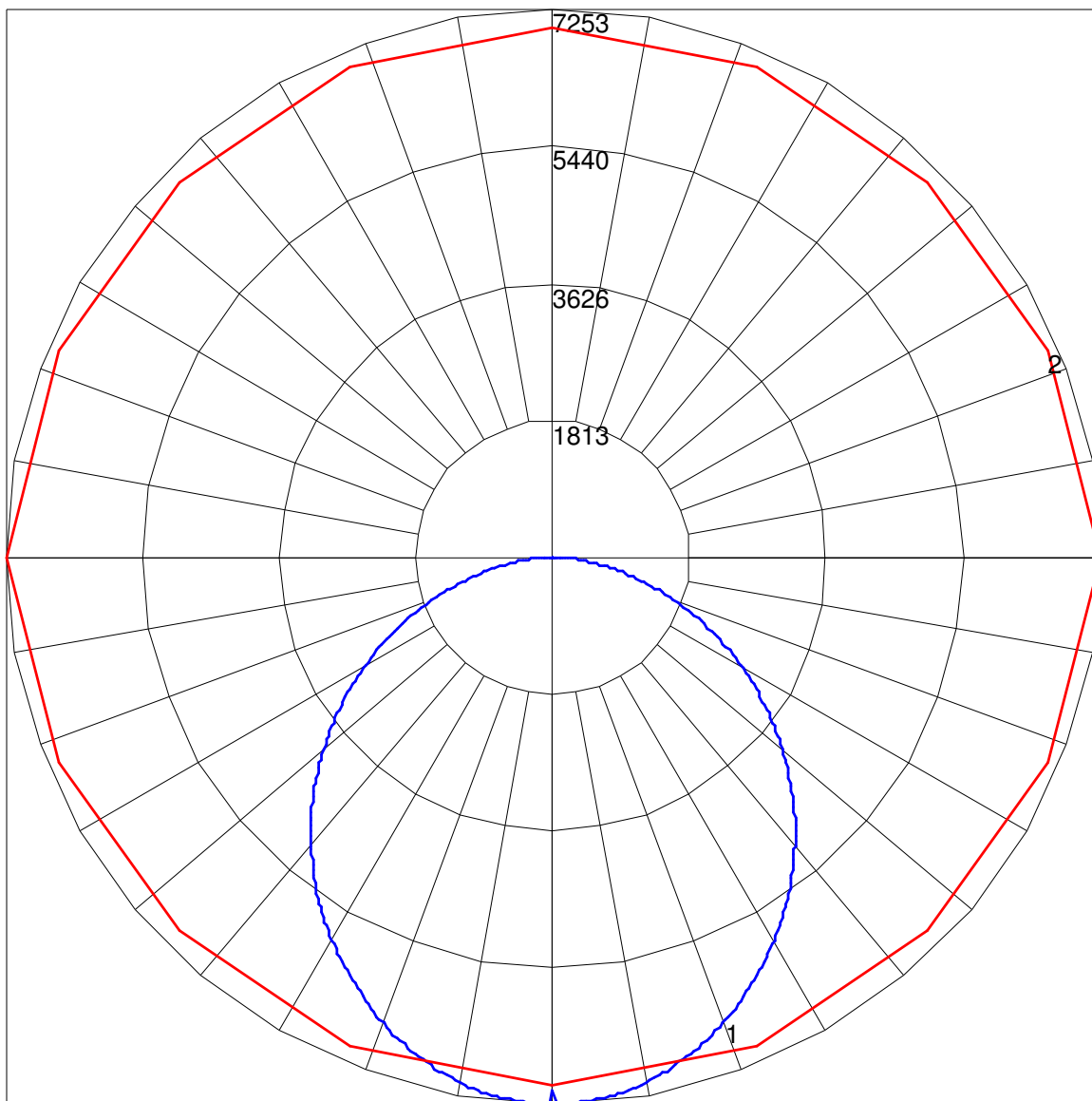
4H	2H	23.2	24.6	23.6	24.9	25.3	23.0	24.3	23.4	24.7
	3H	25.2	26.3	25.6	26.7	27.1	24.9	26.1	25.3	26.5
	4H	26.0	27.0	26.4	27.4	27.8	25.7	26.7	26.1	27.1
	6H	26.5	27.4	27.0	27.9	28.3	26.2	27.1	26.6	27.5
	8H	26.7	27.5	27.1	28.0	28.4	26.3	27.2	26.8	27.6
	12H	26.8	27.5	27.3	28.0	28.5	26.4	27.2	26.9	27.7

8H	4H	26.2	27.1	26.7	27.5	28.0	25.9	26.8	26.4	27.2
	6H	26.9	27.6	27.4	28.1	28.6	26.6	27.3	27.1	27.8
	8H	27.1	27.7	27.6	28.2	28.7	26.8	27.4	27.3	27.9
	12H	27.3	27.8	27.8	28.3	28.9	27.0	27.5	27.5	28.0

12H	4H	26.2	27.0	26.7	27.5	27.9	26.0	26.7	26.4	27.2
	6H	26.9	27.6	27.4	28.0	28.6	26.6	27.3	27.2	27.7
	8H	27.2	27.8	27.7	28.2	28.8	26.9	27.5	27.4	28.0

Maximum UGR = 28.9

POLAR GRAPH



Maximum Candela = 7252.749 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.)