



IES INDOOR REPORT

PHOTOMETRIC FILENAME : SDI5-4-L27-835-DMA-FA-70U-30D-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] GEN FROM 12731921.10
[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-FA-70U-30D-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	10511
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	135
Total Luminaire Watts	78
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)	3.77 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	7616	7740	8599
55	7671	7298	7914
65	7260	6137	6434
75	5972	4119	4105
85	2768	1212	1113

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-4-L27-835-DMA-FA-70U-30D-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	826.440	826.440	826.440	826.440	826.440
0.5	845.733	831.014	821.766	820.672	819.876
1.0	845.833	831.213	821.964	821.069	820.373
1.5	845.833	831.313	822.462	821.964	821.169
2.0	846.032	831.611	823.058	822.959	822.362
2.5	846.330	832.009	823.953	824.451	823.953
3.0	846.429	832.407	824.948	826.042	826.141
3.5	846.628	832.904	826.141	828.031	828.628
4.0	846.827	833.401	827.534	830.318	831.611
4.5	847.126	833.998	829.125	832.904	834.794
5.0	847.523	834.794	830.816	835.788	838.374
5.5	847.921	835.490	832.606	838.971	842.252
6.0	848.319	836.385	834.893	842.352	846.529
6.5	848.518	837.280	837.081	846.032	851.004
7.0	848.916	838.274	839.567	849.910	855.877
7.5	849.214	839.269	842.153	854.187	860.949
8.0	849.811	840.263	844.938	858.662	865.822
8.5	850.010	841.457	847.822	863.137	871.093
9.0	850.308	842.551	851.004	868.010	876.364
9.5	850.606	843.744	854.187	873.082	882.033
10.0	851.104	845.037	857.667	878.254	887.801
10.5	851.303	846.330	861.049	883.624	893.470
11.0	851.700	847.623	864.728	889.094	899.636
11.5	851.999	848.916	868.309	894.862	905.802
12.0	852.297	850.407	871.988	900.730	912.167
12.5	852.695	851.800	875.867	906.697	918.929
13.0	852.993	853.192	879.746	912.763	925.692
13.5	853.391	854.684	883.724	918.830	932.853
14.0	853.789	856.076	887.702	925.195	940.013
14.5	854.286	857.568	891.580	931.560	947.472
15.0	854.684	859.060	895.757	938.024	955.030
15.5	855.082	860.452	899.835	944.588	962.787
16.0	855.579	861.844	903.813	951.152	970.545
16.5	855.977	863.336	907.890	957.815	978.401
17.0	856.375	864.828	911.868	964.478	986.357
17.5	856.772	866.320	915.946	971.241	994.214
18.0	857.270	867.712	920.023	977.904	1002.468
18.5	857.469	869.204	924.101	984.667	1009.430
19.0	857.767	870.696	927.979	991.429	1017.386
19.5	858.264	872.088	932.057	998.490	1025.342
20.0	858.264	873.480	936.134	1004.457	1032.304
20.5	858.562	874.972	940.112	1011.419	1040.260
21.0	858.761	876.265	944.190	1018.381	1047.221
21.5	858.960	877.757	948.168	1024.348	1055.178
22.0	859.159	879.049	952.345	1031.309	1062.139
22.5	859.259	880.442	956.422	1038.271	1069.101
23.0	859.458	881.834	960.599	1044.238	1076.062
23.5	859.458	883.027	964.677	1050.205	1083.024
24.0	859.458	884.320	968.655	1056.172	1089.986
24.5	859.358	885.613	972.633	1062.139	1095.953
25.0	859.358	886.807	976.711	1068.106	1102.914
25.5	859.259	887.901	980.490	1074.073	1109.876
26.0	858.960	889.094	984.368	1079.046	1115.843
26.5	858.761	890.188	987.949	1085.013	1122.804

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CANDELA TABULATION - (Cont.)

27.0	858.562	891.182	991.330	1089.986	1128.771
27.5	858.264	892.078	994.512	1094.958	1134.739
28.0	857.767	892.973	997.496	1099.931	1140.706
28.5	857.270	893.768	1001.474	1104.903	1145.678
29.0	856.772	894.464	1003.463	1109.876	1151.645
29.5	856.076	895.161	1006.446	1113.854	1156.618
30.0	855.479	895.658	1009.430	1117.832	1161.590
30.5	854.783	896.056	1011.419	1121.810	1166.563
31.0	854.087	896.155	1014.403	1125.788	1170.541
31.5	853.093	896.354	1016.392	1129.766	1174.519
32.0	852.198	896.354	1018.381	1133.744	1178.497
32.5	851.203	896.255	1020.370	1136.728	1182.475
33.0	850.010	895.956	1021.364	1139.711	1186.453
33.5	848.518	895.558	1022.359	1142.695	1189.437
34.0	847.126	895.061	1024.348	1145.678	1192.420
34.5	845.534	894.365	1024.348	1148.662	1195.404
35.0	843.744	893.470	1025.342	1150.651	1197.393
35.5	841.855	892.475	1025.342	1151.645	1199.382
36.0	839.965	891.182	1025.342	1153.634	1201.371
36.5	837.777	889.790	1025.342	1154.629	1202.365
37.0	835.490	888.199	1025.342	1154.629	1203.360
37.5	833.004	886.508	1024.348	1154.629	1204.354
38.0	830.418	884.420	1023.353	1154.629	1203.360
38.5	827.633	882.331	1022.359	1153.634	1203.360
39.0	824.749	880.044	1021.364	1152.640	1202.365
39.5	821.567	877.458	1019.375	1150.651	1200.376
40.0	818.484	874.773	1017.386	1148.662	1198.387
40.5	815.102	871.789	1014.403	1146.673	1196.398
41.0	811.522	868.607	1011.419	1143.689	1193.415
41.5	807.643	865.126	1008.435	1140.706	1189.437
42.0	803.665	861.447	1005.452	1136.728	1186.453
42.5	799.389	857.767	1002.468	1132.750	1181.481
43.0	795.312	853.689	998.490	1128.771	1177.503
43.5	791.035	849.314	993.717	1123.799	1172.530
44.0	786.560	844.739	989.142	1118.826	1166.563
44.5	781.786	840.164	984.169	1112.859	1161.590
45.0	776.814	835.191	978.898	1107.887	1155.623
45.5	771.742	830.020	973.329	1100.925	1148.662
46.0	766.371	824.550	967.660	1094.958	1141.700
46.5	760.702	818.981	961.594	1087.996	1134.739
47.0	755.233	813.213	955.329	1081.035	1126.782
47.5	749.365	807.246	948.864	1073.079	1118.826
48.0	743.497	800.980	942.002	1065.123	1110.870
48.5	737.431	794.715	934.941	1057.167	1101.920
49.0	731.265	788.350	927.582	1048.216	1092.969
49.5	724.701	781.587	920.023	1039.265	1084.018
50.0	718.038	774.924	912.167	1030.315	1074.073
50.5	711.375	767.863	904.012	1021.364	1064.128
51.0	704.513	760.702	895.658	1011.419	1054.183
51.5	697.551	753.244	887.006	1001.474	1043.243
52.0	690.490	745.685	878.254	991.230	1032.304
52.5	683.230	738.028	869.104	980.689	1021.364
53.0	675.871	730.071	859.855	969.948	1010.425
53.5	668.312	722.016	850.308	958.909	998.490
54.0	660.655	713.761	840.562	947.472	986.556
54.5	652.798	705.408	830.617	936.035	974.622

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55.0	644.742	696.855	820.373	924.300	962.290
55.5	636.587	688.203	810.030	912.366	949.361
56.0	628.333	679.351	799.588	900.431	936.632
56.5	619.880	670.401	789.046	887.901	923.802
57.0	611.327	661.152	778.106	875.370	910.675
57.5	602.674	651.903	767.167	862.640	897.348
58.0	594.022	642.455	756.128	849.811	883.425
58.5	585.271	632.908	744.790	836.783	869.701
59.0	576.618	623.360	733.154	823.456	855.877
59.5	567.767	613.614	721.419	810.030	841.556
60.0	558.916	603.669	709.585	796.803	827.335
60.5	549.766	593.724	697.451	782.880	812.914
61.0	540.517	583.580	685.318	769.056	798.494
61.5	531.169	573.336	672.986	755.133	783.477
62.0	521.423	563.093	660.655	741.111	768.857
62.5	511.776	552.551	648.024	726.690	754.139
63.0	501.831	541.810	635.195	711.971	738.823
63.5	491.786	530.970	622.266	697.352	723.309
64.0	481.742	520.030	609.139	682.434	707.596
64.5	471.697	508.991	596.011	667.616	691.882
65.0	461.454	497.952	582.685	652.500	676.169
65.5	451.011	486.814	569.358	637.383	660.157
66.0	440.569	475.675	555.833	622.167	644.046
66.5	430.127	464.338	542.407	606.951	627.935
67.0	419.585	453.100	528.882	591.536	611.923
67.5	408.943	441.663	515.257	576.121	595.812
68.0	398.402	430.226	501.533	560.607	579.502
68.5	387.760	418.690	488.007	544.993	563.192
69.0	377.020	407.054	474.283	529.279	546.882
69.5	366.279	395.518	460.559	513.666	530.473
70.0	355.339	383.782	446.735	497.853	514.163
70.5	344.400	372.047	432.812	482.040	497.853
71.0	333.559	360.113	418.889	466.227	481.543
71.5	322.719	348.278	404.965	450.514	465.133
72.0	311.680	336.444	391.042	434.701	448.823
72.5	300.840	324.509	377.119	418.789	432.414
73.0	289.801	312.575	363.096	402.976	416.005
73.5	278.762	300.542	349.074	387.363	399.595
74.0	267.822	288.607	335.051	371.550	383.285
74.5	256.485	276.574	321.128	355.837	366.876
75.0	245.645	264.640	307.205	340.123	350.566
75.5	234.705	252.706	293.282	324.609	334.454
76.0	223.765	240.970	279.359	309.393	318.443
76.5	212.925	229.136	265.535	294.077	302.431
77.0	202.184	217.599	252.109	278.861	286.817
77.5	191.344	205.964	238.584	263.844	271.104
78.0	180.504	194.527	225.257	249.026	255.590
78.5	169.962	183.289	212.129	234.307	240.374
79.0	159.420	172.051	199.002	219.787	225.257
79.5	149.077	161.012	186.471	205.367	210.638
80.0	138.734	150.072	173.741	191.245	196.217
80.5	128.590	139.331	161.310	177.322	181.996
81.0	118.745	128.889	148.978	163.796	168.073
81.5	108.999	118.446	136.944	150.470	154.448
82.0	99.451	108.302	125.309	137.442	141.221
82.5	90.103	98.457	113.971	124.811	128.392

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83.0	81.252	88.710	102.932	112.579	115.761
83.5	72.301	79.362	92.191	100.744	103.628
84.0	63.947	70.411	82.047	89.307	91.992
84.5	55.991	61.759	72.202	78.566	80.754
85.0	48.333	53.604	62.953	68.224	70.213
85.5	41.073	45.847	54.101	58.676	60.267
86.0	34.311	38.687	45.847	49.825	51.018
86.5	27.946	32.023	38.488	41.670	42.466
87.0	22.078	25.857	31.824	34.410	34.808
87.5	17.006	20.586	25.758	27.946	28.045
88.0	12.531	16.012	20.487	22.277	21.780
88.5	9.150	12.332	16.012	17.006	16.012
89.0	6.663	9.150	11.536	12.332	11.337
89.5	4.873	6.564	8.254	8.652	7.459
90.0	4.276	5.868	6.564	6.564	5.171
90.5	5.768	11.735	10.144	8.752	6.962
91.0	8.354	19.890	18.597	16.409	14.222
91.5	11.934	27.250	30.034	25.857	23.172
92.0	16.608	34.112	44.057	38.587	34.510
92.5	22.377	41.770	57.483	56.289	50.919
93.0	29.139	50.919	70.113	74.887	71.207
93.5	36.896	61.361	84.036	92.191	90.898
94.0	45.350	72.997	99.849	110.490	110.192
94.5	54.698	85.628	117.054	130.480	131.276
95.0	64.743	99.451	135.751	152.260	153.951
95.5	75.285	114.071	155.840	175.531	178.117
96.0	86.324	129.684	177.222	199.996	203.676
96.5	98.059	146.094	199.599	226.053	230.329
97.0	109.993	163.398	223.169	253.103	258.474
97.5	122.623	181.200	247.435	281.546	287.414
98.0	135.453	199.599	272.596	310.785	317.448
98.5	148.779	218.395	298.453	340.720	348.477
99.0	162.404	237.688	325.106	371.649	380.103
99.5	176.327	257.479	352.256	403.175	412.424
100.0	190.549	277.469	380.003	435.596	445.840
100.5	204.969	297.856	408.048	468.415	479.653
101.0	219.489	318.542	436.690	501.632	513.964
101.5	234.407	339.427	465.631	535.147	549.070
102.0	249.225	360.511	494.670	569.159	584.475
102.5	264.441	381.694	524.207	603.570	620.675
103.0	279.458	402.976	553.744	638.179	656.776
103.5	294.674	424.358	583.381	672.887	692.777
104.0	309.890	445.840	613.216	707.794	729.077
104.5	325.106	467.222	642.952	742.801	765.476
105.0	340.422	488.604	672.489	777.510	801.875
105.5	355.737	509.886	702.026	812.119	838.473
106.0	370.854	531.169	731.563	846.927	875.171
106.5	385.771	552.253	760.901	881.834	911.471
107.0	400.788	573.535	789.543	916.443	947.571
107.5	415.706	594.420	818.384	951.350	983.672
108.0	430.624	615.006	847.324	986.556	1019.375
108.5	445.442	635.593	875.768	1021.364	1055.178
109.0	460.061	655.881	904.211	1054.183	1089.986
109.5	474.780	675.970	932.455	1087.996	1124.793
110.0	489.400	695.960	960.301	1120.815	1159.601
110.5	503.820	715.850	988.247	1153.634	1193.415

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111.0	518.141	735.144	1015.397	1186.453	1228.223
111.5	532.263	754.437	1042.249	1218.278	1262.036
112.0	546.385	773.532	1069.101	1250.102	1294.855
112.5	560.209	792.030	1095.953	1279.937	1327.674
113.0	573.834	810.329	1121.810	1310.767	1360.493
113.5	587.458	828.528	1147.667	1340.603	1392.317
114.0	600.685	846.429	1173.525	1370.438	1424.142
114.5	614.012	863.933	1198.387	1400.273	1454.972
115.0	627.040	881.038	1223.250	1429.114	1485.801
115.5	639.969	897.945	1247.118	1456.961	1515.637
116.0	652.400	914.355	1269.992	1484.807	1545.472
116.5	664.732	930.466	1292.866	1512.653	1574.313
117.0	676.965	946.278	1313.751	1539.505	1603.154
117.5	688.799	961.793	1335.630	1565.362	1631.000
118.0	700.435	976.909	1356.515	1591.220	1657.852
118.5	711.772	991.728	1377.400	1616.083	1684.704
119.0	722.911	1006.446	1397.290	1639.951	1710.561
119.5	734.050	1020.370	1417.180	1663.819	1735.424
120.0	744.890	1033.298	1436.076	1686.693	1759.292
120.5	755.432	1047.221	1453.977	1708.572	1782.166
121.0	765.774	1060.150	1471.878	1730.451	1805.040
121.5	775.720	1072.084	1489.779	1751.336	1827.914
122.0	785.366	1085.013	1506.686	1771.226	1849.793
122.5	794.914	1095.953	1522.598	1791.117	1869.683
123.0	804.461	1106.892	1537.516	1810.012	1890.568
123.5	813.809	1117.832	1553.428	1827.914	1909.464
124.0	823.058	1128.771	1567.351	1845.815	1927.365
124.5	831.810	1138.717	1581.275	1861.727	1945.266
125.0	840.462	1147.667	1595.198	1877.639	1962.173
125.5	848.717	1156.618	1608.126	1893.551	1978.085
126.0	856.772	1165.568	1620.061	1907.475	1993.997
126.5	864.728	1174.519	1631.000	1921.398	2008.915
127.0	872.287	1182.475	1640.945	1934.326	2022.838
127.5	879.646	1189.437	1650.890	1947.255	2035.767
128.0	886.906	1197.393	1659.841	1959.189	2048.695
128.5	893.768	1204.354	1668.792	1969.134	2059.635
129.0	900.332	1210.321	1676.748	1980.074	2070.575
129.5	906.896	1216.289	1683.709	1989.025	2080.520
130.0	913.161	1222.256	1689.676	1997.975	2089.470
130.5	919.128	1227.228	1696.638	2004.937	2098.421
131.0	925.095	1232.201	1701.611	2012.893	2106.377
131.5	930.665	1237.173	1706.583	2018.860	2113.339
132.0	936.134	1241.151	1710.561	2024.827	2119.306
132.5	941.405	1245.129	1714.539	2029.800	2125.273
133.0	946.776	1249.107	1718.517	2033.778	2131.240
133.5	951.549	1252.091	1721.501	2037.756	2135.218
134.0	956.323	1255.075	1723.490	2040.739	2140.191
134.5	960.798	1258.058	1725.479	2042.728	2143.174
135.0	965.174	1260.047	1726.473	2044.717	2146.158
135.5	969.351	1261.042	1727.468	2045.712	2148.147
136.0	973.429	1263.031	1727.468	2045.712	2149.141
136.5	977.208	1264.025	1726.473	2045.712	2149.141
137.0	980.689	1264.025	1726.473	2044.717	2149.141
137.5	984.269	1265.020	1724.484	2043.723	2148.147
138.0	987.352	1265.020	1723.490	2040.739	2146.158
138.5	990.236	1265.020	1721.501	2038.750	2144.169

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CANDELA TABULATION - (Cont.)

139.0	993.120	1265.020	1718.517	2034.772	2141.185
139.5	995.507	1264.025	1715.534	2030.794	2138.201
140.0	998.490	1263.031	1711.556	2026.816	2133.229
140.5	1000.479	1262.036	1707.578	2020.849	2128.256
141.0	1003.463	1261.042	1703.600	2014.882	2123.284
141.5	1005.452	1259.053	1698.627	2008.915	2117.317
142.0	1007.441	1257.064	1693.654	2001.953	2109.361
142.5	1009.430	1255.075	1687.687	1993.997	2102.399
143.0	1011.419	1253.086	1680.726	1986.041	2093.448
143.5	1012.414	1250.102	1674.759	1978.085	2085.492
144.0	1014.403	1247.118	1666.803	1969.134	2075.547
144.5	1015.397	1244.135	1659.841	1959.189	2065.602
145.0	1017.386	1241.151	1651.885	1950.239	2054.662
145.5	1018.381	1238.168	1643.929	1939.299	2042.728
146.0	1019.375	1235.184	1635.973	1928.359	2030.794
146.5	1020.370	1231.206	1627.022	1917.420	2018.860
147.0	1021.364	1227.228	1618.072	1905.486	2004.937
147.5	1022.359	1224.245	1609.121	1893.551	1992.008
148.0	1023.353	1220.267	1599.176	1880.623	1977.090
148.5	1024.348	1216.289	1589.231	1867.694	1963.167
149.0	1024.348	1212.311	1579.286	1853.771	1949.244
149.5	1025.342	1207.338	1568.346	1838.853	1933.332
150.0	1025.342	1203.360	1557.406	1824.930	1917.420
150.5	1026.337	1198.387	1546.467	1810.012	1902.502
151.0	1026.337	1194.409	1535.527	1794.100	1886.590
151.5	1027.331	1190.431	1523.593	1779.183	1869.683
152.0	1027.331	1185.459	1512.653	1763.270	1852.776
152.5	1027.331	1180.486	1500.719	1747.358	1835.870
153.0	1028.326	1175.514	1488.785	1730.451	1817.969
153.5	1027.331	1170.541	1475.856	1714.539	1801.062
154.0	1027.331	1166.563	1463.922	1697.633	1783.161
154.5	1027.331	1161.590	1450.993	1680.726	1765.259
155.0	1027.331	1156.618	1438.065	1663.819	1746.364
155.5	1027.331	1151.645	1425.136	1646.912	1727.468
156.0	1027.331	1146.673	1412.207	1629.011	1708.572
156.5	1027.331	1141.700	1398.284	1611.110	1689.676
157.0	1027.331	1136.728	1385.356	1592.214	1669.786
157.5	1026.337	1131.755	1372.427	1574.313	1648.901
158.0	1026.337	1126.782	1359.498	1555.417	1629.011
158.5	1026.337	1122.804	1345.575	1537.516	1607.132
159.0	1026.337	1117.832	1332.647	1518.620	1586.247
159.5	1026.337	1112.859	1319.718	1499.725	1566.357
160.0	1025.342	1107.887	1305.795	1480.829	1544.478
160.5	1025.342	1103.909	1292.866	1462.928	1523.593
161.0	1025.342	1098.936	1278.943	1443.037	1503.703
161.5	1025.342	1094.958	1266.014	1424.142	1483.812
162.0	1025.342	1089.986	1253.086	1405.246	1462.928
162.5	1024.348	1086.007	1240.157	1386.350	1443.037
163.0	1024.348	1081.035	1227.228	1366.460	1422.153
163.5	1024.348	1077.057	1214.300	1347.564	1401.268
164.0	1024.348	1073.079	1202.365	1328.668	1379.389
164.5	1023.353	1068.106	1189.437	1309.773	1358.504
165.0	1023.353	1064.128	1177.503	1291.872	1337.619
165.5	1022.359	1060.150	1166.563	1272.976	1316.734
166.0	1022.359	1056.172	1154.629	1256.069	1296.844
166.5	1021.364	1052.194	1143.689	1238.168	1276.954

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CANDELA TABULATION - (Cont.)

167.0	1021.364	1048.216	1133.744	1221.261	1258.058
167.5	1020.370	1045.232	1122.804	1205.349	1239.162
168.0	1020.370	1041.254	1112.859	1189.437	1221.261
168.5	1019.375	1038.271	1102.914	1173.525	1202.365
169.0	1018.381	1034.293	1093.964	1158.607	1185.459
169.5	1018.381	1031.309	1084.018	1143.689	1168.552
170.0	1017.386	1028.326	1076.062	1129.766	1152.640
170.5	1017.386	1025.342	1067.112	1115.843	1136.728
171.0	1016.392	1022.359	1059.156	1102.914	1121.810
171.5	1015.397	1020.370	1052.194	1090.980	1106.892
172.0	1015.397	1017.386	1044.238	1079.046	1093.964
172.5	1014.403	1015.397	1037.276	1068.106	1081.035
173.0	1014.403	1013.408	1031.309	1057.167	1069.101
173.5	1013.408	1011.419	1025.342	1047.221	1058.161
174.0	1013.408	1009.430	1020.370	1038.271	1047.221
174.5	1012.414	1007.441	1014.403	1030.315	1037.276
175.0	1012.414	1005.452	1010.425	1022.359	1029.320
175.5	1012.414	1004.457	1005.452	1015.397	1020.370
176.0	1011.419	1002.468	1001.474	1009.430	1013.408
176.5	1011.419	1001.474	998.490	1004.457	1007.441
177.0	1011.419	1000.479	995.507	999.485	1001.474
177.5	1010.425	999.485	992.921	995.507	996.501
178.0	1010.425	999.485	990.932	991.728	992.921
178.5	1010.425	998.490	989.142	989.142	989.938
179.0	1010.425	998.490	987.949	987.053	987.849
179.5	1010.425	997.496	987.053	985.661	986.158
180.0	991.927	991.927	991.927	991.927	991.927

IES INDOOR REPORT
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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	337.00	N.A.	3.20
0-30	790.11	N.A.	7.50
0-40	1429.84	N.A.	13.60
0-60	2900.86	N.A.	27.60
0-80	3788.88	N.A.	36.00
0-90	3865.16	N.A.	36.80
10-90	3784.49	N.A.	36.00
20-40	1092.84	N.A.	10.40
20-50	1840.62	N.A.	17.50
40-70	2038.99	N.A.	19.40
60-80	888.02	N.A.	8.40
70-80	320.05	N.A.	3.00
80-90	76.28	N.A.	0.70
90-110	816.22	N.A.	7.80
90-120	1944.95	N.A.	18.50
90-130	3284.91	N.A.	31.30
90-150	5553.36	N.A.	52.80
90-180	6645.98	N.A.	63.20
110-180	5829.76	N.A.	55.50
0-180	10511.14	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	80.67
10-20	256.34
20-30	453.11
30-40	639.73
40-50	747.78
50-60	723.23
60-70	567.97
70-80	320.05
80-90	76.28
90-100	155.17
100-110	661.05
110-120	1128.72
120-130	1339.97
130-140	1268.4
140-150	1000.04
150-160	655.38
160-170	338.31
170-180	98.93

IES INDOOR REPORT
PHOTOMETRIC FILENAME : SDI5-4-L27-835-DMA-FA-70U-30D-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	104	104	104	104	94	94	94	94	76	76	76	59	59	59	44	44	44	37
1	94	90	86	83	85	82	78	75	66	64	61	52	50	49	38	37	36	30
2	86	78	72	67	77	71	65	61	57	53	50	45	42	40	33	31	30	25
3	78	68	61	55	70	62	55	50	50	45	41	39	36	33	29	27	25	20
4	71	60	52	46	64	54	47	42	44	39	35	34	31	28	25	23	21	17
5	65	53	45	39	58	48	41	36	39	34	30	30	27	24	23	20	18	14
6	59	47	39	33	53	43	36	30	35	29	25	27	23	20	20	17	15	12
7	55	42	34	29	49	38	31	26	31	26	22	25	21	18	18	15	13	11
8	50	38	30	25	45	35	28	23	28	23	19	22	18	15	17	14	12	9
9	47	35	27	22	42	32	25	20	26	21	17	20	16	14	15	12	10	8
10	44	32	24	19	39	29	22	18	24	19	15	19	15	12	14	11	9	7

IES INDOOR REPORT

PHOTOMETRIC FILENAME : SDI5-4-L27-835-DMA-FA-70U-30D-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

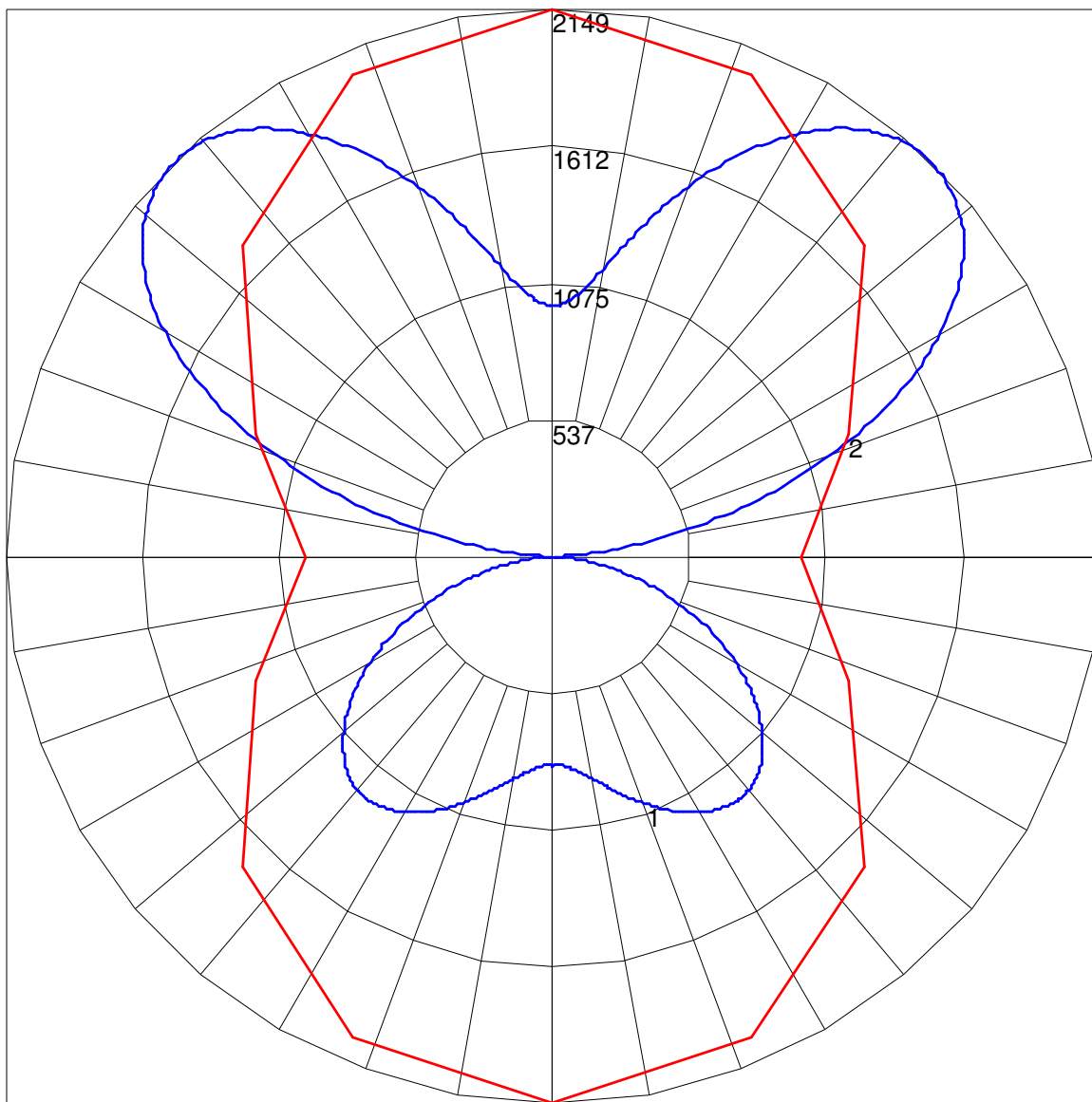
X=2H	Y=2H	13.0	13.7	14.0	14.8	16.3	15.9	16.7	16.9	17.7	19.2
	3H	14.5	15.2	15.5	16.2	17.7	17.7	18.4	18.7	19.4	20.9
	4H	14.9	15.6	16.0	16.6	18.1	18.3	18.9	19.3	20.0	21.5
	6H	15.1	15.7	16.2	16.8	18.3	18.6	19.2	19.7	20.3	21.8
	8H	15.1	15.7	16.2	16.8	18.3	18.7	19.3	19.8	20.4	21.9
	12H	15.1	15.7	16.2	16.8	18.3	18.7	19.3	19.8	20.4	21.9

UGR Viewed Endwise

4H	2H	13.8	14.5	14.9	15.6	17.0	16.1	16.8	17.2	17.9	19.3
	3H	15.4	16.0	16.5	17.1	18.6	18.1	18.7	19.2	19.8	21.2
	4H	16.0	16.5	17.1	17.6	19.1	18.8	19.3	19.9	20.4	21.9
	6H	16.3	16.7	17.4	17.8	19.3	19.3	19.7	20.4	20.8	22.3
	8H	16.3	16.7	17.4	17.8	19.3	19.4	19.8	20.5	20.9	22.4
	12H	16.3	16.7	17.4	17.8	19.3	19.4	19.8	20.5	20.9	22.4
8H	4H	16.3	16.7	17.4	17.8	19.3	18.9	19.3	20.0	20.4	21.9
	6H	16.7	17.0	17.8	18.1	19.7	19.4	19.7	20.5	20.9	22.4
	8H	16.7	17.0	17.9	18.2	19.7	19.6	19.9	20.7	21.0	22.5
	12H	16.7	17.0	17.9	18.1	19.7	19.6	19.9	20.8	21.0	22.6
12H	4H	16.3	16.7	17.4	17.8	19.3	18.8	19.2	19.9	20.3	21.8
	6H	16.7	17.0	17.8	18.1	19.7	19.4	19.7	20.5	20.8	22.3
	8H	16.8	17.1	17.9	18.2	19.7	19.5	19.8	20.7	20.9	22.5

Maximum UGR = 22.6

POLAR GRAPH



Maximum Candela = 2149.141 Located At Horizontal Angle = 90, Vertical Angle = 136
1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (136) (Through Max. Cd.)