



IES INDOOR REPORT

PHOTOMETRIC FILENAME : SDI5-4-P17-835-DMA-70U-30D-POE N.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] GEN FROM 12731921.03
 [TESTLAB] UL Verification Services Inc.
 [ISSUE DATE] 4/2/2019
 [MANUFAC] WILLIAMS INDOOR
 [OTHER] H.E. WILLIAMS, INC. - CARTHAGE, MO
 [LUMCAT] SDI5-4-P17-835-DMA-70U-30D- POE N
 [LUMINAIRE] White formed steel housing, frost/clear lens enclosures
 [LAMP] LED
 [LAMPCAT] HLM 80 CRI 3500K CCT
 [OTHER] This test was performed using the calibrated photodetector met
 [MORE] hod of absolute photometry.
 [_SEARCH_SOURCE TYPE] 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	6675
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	142
Total Luminaire Watts	47.1
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)	3.75 ft
Luminous Width (90-270)	0.35 ft
Luminous Height	0.15 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	4438	4638	5261
55	4453	4392	4819
65	4216	3662	3917
75	3408	2402	2462
85	1402	640	620

IES INDOOR REPORT
PHOTOMETRIC FILENAME : SDI5-4-P17-835-DMA-70U-30D-POE N.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	447.204	447.204	447.204	447.204	447.204
0.5	452.305	447.771	445.504	446.826	445.441
1.0	452.305	447.834	445.693	447.141	445.819
1.5	452.368	447.960	445.945	447.708	446.386
2.0	452.368	448.086	446.386	448.401	447.204
2.5	452.431	448.212	446.952	449.282	448.275
3.0	452.494	448.464	447.582	450.416	449.597
3.5	452.557	448.716	448.338	451.676	451.172
4.0	452.620	448.968	449.157	453.124	452.935
4.5	452.683	449.282	450.164	454.699	454.825
5.0	452.809	449.723	451.235	456.525	456.966
5.5	452.872	450.101	452.368	458.414	459.296
6.0	452.998	450.542	453.628	460.555	461.878
6.5	453.124	451.046	454.950	462.760	464.586
7.0	453.250	451.613	456.399	465.153	467.483
7.5	453.439	452.116	457.910	467.735	470.443
8.0	453.628	452.746	459.548	470.380	473.655
8.5	453.880	453.376	461.248	473.151	474.411
9.0	454.069	454.069	463.012	473.781	477.874
9.5	454.321	454.762	464.901	476.741	481.212
10.0	454.573	455.454	466.853	479.764	484.865
10.5	454.762	456.210	468.806	482.976	488.455
11.0	455.013	456.966	470.884	486.376	489.903
11.5	455.328	457.784	472.962	489.021	493.871
12.0	455.580	458.603	475.166	490.911	497.838
12.5	455.895	459.485	475.355	494.500	501.806
13.0	456.147	460.367	477.371	498.216	505.962
13.5	456.462	461.248	479.764	501.869	510.245
14.0	456.651	462.193	482.157	505.773	514.590
14.5	456.903	463.075	484.676	509.678	519.188
15.0	457.155	464.019	486.061	513.646	523.659
15.5	457.407	464.964	488.077	517.676	528.319
16.0	457.659	465.972	490.092	521.833	532.980
16.5	457.910	466.916	492.800	526.241	537.892
17.0	458.099	467.861	495.571	530.461	542.615
17.5	458.288	468.806	498.216	534.806	547.402
18.0	458.477	469.813	500.987	539.341	552.377
18.5	458.603	470.758	503.758	543.749	557.541
19.0	458.729	471.703	506.592	548.283	562.705
19.5	458.855	472.647	509.237	552.755	567.743
20.0	458.918	473.529	512.071	557.100	572.971
20.5	459.044	474.411	514.716	561.446	578.072
21.0	459.044	475.292	517.361	565.728	583.110
21.5	459.044	476.174	520.069	570.011	588.337
22.0	459.044	476.993	522.651	574.230	593.249
22.5	459.044	477.811	525.171	578.387	598.162
23.0	458.981	478.567	527.753	582.417	602.948
23.5	458.918	478.126	530.083	586.637	607.419
24.0	458.792	477.559	532.539	590.541	611.828
24.5	458.603	478.252	534.869	594.446	616.173
25.0	458.477	478.882	537.073	598.288	620.204
25.5	458.225	479.449	539.466	602.003	624.423
26.0	457.973	479.953	541.671	605.593	628.391
26.5	457.659	480.393	543.749	608.931	632.296

IES INDOOR REPORT
PHOTOMETRIC FILENAME : SDI5-4-P17-835-DMA-70U-30D-POE N.IES

CANDELA TABULATION - (Cont.)

27.0	457.344	480.834	545.953	612.206	636.074
27.5	456.903	481.149	547.717	615.480	639.853
28.0	456.462	481.464	549.606	618.629	643.631
28.5	455.958	481.716	551.369	621.526	646.780
29.0	455.328	481.779	552.944	624.360	649.929
29.5	454.699	481.842	554.392	627.005	653.078
30.0	454.006	481.842	555.841	629.587	656.227
30.5	453.250	481.653	556.911	631.666	658.746
31.0	452.431	481.527	558.234	634.185	661.895
31.5	451.550	481.212	559.178	636.074	664.414
32.0	450.605	480.897	560.060	637.964	666.303
32.5	449.597	480.519	560.753	639.853	668.823
33.0	448.527	480.016	561.446	641.112	670.082
33.5	447.393	480.142	561.949	643.002	671.971
34.0	446.197	479.953	562.201	643.631	673.231
34.5	444.937	479.134	562.453	644.891	674.491
35.0	443.615	478.315	562.516	645.521	675.120
35.5	442.229	478.567	562.453	646.151	675.750
36.0	440.781	477.559	562.327	646.151	676.380
36.5	439.269	476.426	561.949	646.151	677.010
37.0	437.695	475.229	561.446	646.151	677.010
37.5	436.057	473.907	560.879	646.151	677.010
38.0	434.294	472.458	560.060	645.521	676.380
38.5	432.530	470.947	559.241	644.891	675.750
39.0	430.641	469.309	558.234	644.261	675.120
39.5	428.689	467.609	557.037	643.002	674.491
40.0	426.611	465.783	555.715	641.742	672.601
40.5	424.532	463.893	554.203	640.483	671.342
41.0	422.391	461.941	552.566	638.593	669.452
41.5	420.187	459.863	550.928	637.334	667.563
42.0	417.920	457.659	548.976	634.815	665.674
42.5	415.526	455.454	546.898	632.925	663.155
43.0	413.070	453.124	544.631	630.406	660.635
43.5	410.551	450.668	542.237	627.824	658.116
44.0	407.906	448.149	539.655	624.927	654.967
44.5	405.198	445.567	537.010	621.967	651.819
45.0	402.490	442.859	534.050	618.692	648.670
45.5	399.656	440.025	531.153	615.166	644.891
46.0	396.759	437.128	527.879	611.639	641.112
46.5	393.862	434.105	524.667	607.986	637.334
47.0	390.776	431.019	521.203	604.019	632.925
47.5	387.690	427.744	517.613	599.925	628.643
48.0	384.541	424.469	513.961	595.580	624.234
48.5	381.267	421.006	510.119	591.108	619.637
49.0	377.992	417.479	506.277	586.511	614.662
49.5	374.528	413.889	502.058	581.661	609.813
50.0	371.127	410.173	497.838	576.686	604.459
50.5	367.538	406.395	493.493	571.648	599.106
51.0	363.948	402.553	489.021	566.421	593.501
51.5	360.295	398.585	485.054	560.942	587.644
52.0	356.579	394.492	481.968	555.274	581.661
52.5	352.738	390.335	477.056	549.606	575.553
53.0	348.896	386.116	474.348	543.686	569.255
53.5	344.992	381.833	469.057	537.640	562.705
54.0	340.961	377.425	463.704	531.279	556.093
54.5	336.930	373.017	458.288	524.982	549.165

IES INDOOR REPORT
PHOTOMETRIC FILENAME : SDI5-4-P17-835-DMA-70U-30D-POE N.IES

CANDELA TABULATION - (Cont.)

55.0	332.837	368.482	452.683	518.432	542.175
55.5	328.617	363.948	447.015	511.693	535.121
56.0	324.272	359.287	441.221	504.892	527.753
56.5	319.863	354.501	435.364	498.027	520.510
57.0	315.518	349.589	429.382	492.737	513.205
57.5	311.047	344.677	423.336	486.061	505.710
58.0	306.449	339.638	417.101	478.693	497.901
58.5	301.915	334.537	410.740	471.199	492.674
59.0	297.317	329.310	404.316	464.145	484.865
59.5	292.846	324.020	397.767	458.414	476.867
60.0	288.249	318.667	391.217	450.542	468.743
60.5	283.651	313.314	384.479	442.733	460.681
61.0	279.054	308.024	377.740	434.798	454.762
61.5	274.331	302.671	370.812	426.799	446.323
62.0	269.418	297.254	363.948	418.738	437.758
62.5	264.317	291.775	357.020	410.551	429.067
63.0	259.216	286.233	349.967	402.301	420.439
63.5	254.052	280.628	342.976	394.051	411.496
64.0	248.825	274.960	335.923	385.738	402.616
64.5	243.598	269.229	328.869	377.488	393.799
65.0	238.307	263.498	321.816	369.238	385.045
65.5	232.954	257.705	314.699	360.862	376.165
66.0	227.601	251.848	307.457	352.612	367.286
66.5	222.185	245.928	300.151	344.299	358.469
67.0	216.769	239.945	292.846	335.860	349.589
67.5	211.227	233.899	285.478	327.295	340.583
68.0	205.685	227.790	278.109	318.604	331.514
68.5	200.080	221.555	270.552	309.724	322.257
69.0	194.412	215.384	262.806	300.781	312.936
69.5	188.744	209.149	255.059	291.775	303.489
70.0	183.013	202.851	247.187	282.707	294.106
70.5	177.282	196.490	239.315	273.512	284.596
71.0	171.488	190.130	231.443	264.380	275.086
71.5	165.694	183.706	223.445	255.248	265.577
72.0	159.837	177.219	215.447	246.054	256.067
72.5	153.917	170.669	207.385	236.859	246.683
73.0	147.997	164.183	199.450	227.790	237.237
73.5	142.141	157.696	191.515	218.784	227.790
74.0	136.221	151.335	183.706	209.779	218.406
74.5	130.490	144.975	175.897	200.899	209.023
75.0	124.696	138.614	168.150	191.956	199.702
75.5	118.965	132.253	160.467	183.076	190.255
76.0	113.171	125.892	152.784	174.259	181.061
76.5	107.440	119.595	145.289	165.568	171.866
77.0	101.772	113.360	137.795	156.940	162.797
77.5	96.167	107.188	130.427	148.375	153.854
78.0	90.562	101.079	123.058	139.873	145.038
78.5	84.957	95.033	115.690	131.497	136.284
79.0	79.478	88.987	108.447	123.247	127.593
79.5	74.062	83.130	101.205	115.060	119.091
80.0	68.772	77.274	94.215	106.999	110.841
80.5	63.544	71.606	87.224	99.190	102.717
81.0	58.380	65.938	80.359	91.507	94.718
81.5	53.279	60.396	73.684	83.949	86.909
82.0	48.241	54.979	67.071	76.518	79.289
82.5	43.706	49.626	60.647	69.338	71.795

IES INDOOR REPORT
PHOTOMETRIC FILENAME : SDI5-4-P17-835-DMA-70U-30D-POE N.IES

CANDELA TABULATION - (Cont.)

83.0	39.109	44.462	54.413	62.411	64.615
83.5	34.575	39.487	48.430	55.735	57.625
84.0	30.103	34.701	42.699	49.186	50.823
84.5	25.821	30.103	37.220	42.951	44.336
85.0	21.790	25.632	31.993	37.031	38.101
85.5	17.886	21.412	27.080	31.426	32.245
86.0	14.233	17.445	22.546	26.262	26.765
86.5	10.769	13.855	18.326	21.538	21.790
87.0	7.620	10.517	14.548	17.256	17.130
87.5	4.912	7.620	11.210	13.225	12.847
88.0	2.582	5.101	7.998	9.636	9.258
88.5	0.630	3.023	5.416	6.991	7.116
89.0	0.000	1.763	3.779	5.227	5.227
89.5	0.000	0.819	2.771	4.094	3.527
90.0	0.000	1.448	3.086	4.408	3.590
90.5	0.000	2.960	3.968	3.905	3.716
91.0	0.630	5.605	7.305	7.116	6.991
91.5	2.141	8.754	11.147	11.714	11.147
92.0	3.905	12.092	15.052	16.122	15.807
92.5	6.046	15.870	19.208	20.279	19.901
93.0	8.502	22.609	23.050	24.813	24.435
93.5	11.273	36.401	26.703	29.033	28.970
94.0	14.233	51.831	30.859	33.063	33.063
94.5	17.445	70.031	35.519	37.220	37.220
95.0	20.972	94.718	40.935	41.943	41.754
95.5	24.687	117.831	47.674	47.233	46.792
96.0	28.655	135.654	62.411	53.153	52.460
96.5	32.937	156.688	93.837	59.640	58.632
97.0	37.472	180.116	133.387	66.567	65.371
97.5	42.195	199.324	175.141	76.140	72.487
98.0	46.666	215.384	228.420	99.946	80.296
98.5	51.705	230.750	293.035	143.589	98.119
99.0	56.932	250.210	357.272	192.397	137.291
99.5	62.474	270.552	401.671	242.212	189.500
100.0	68.142	286.800	438.450	306.386	240.197
100.5	73.873	303.426	471.010	390.272	297.254
101.0	79.793	318.100	501.554	485.180	374.843
101.5	85.839	334.222	534.932	574.986	472.395
102.0	92.073	349.715	562.201	636.704	582.984
102.5	98.434	363.192	590.478	686.456	677.639
103.0	104.984	376.984	623.290	732.430	740.617
103.5	111.596	391.028	653.078	770.217	794.148
104.0	118.272	405.324	673.861	801.705	842.011
104.5	125.011	421.131	688.346	835.713	878.538
105.0	131.938	437.884	706.609	870.981	907.508
105.5	138.803	453.313	730.541	900.580	938.997
106.0	145.730	468.302	755.732	928.920	974.264
106.5	152.721	483.039	780.293	960.409	1005.753
107.0	159.774	496.894	801.076	992.528	1032.833
107.5	166.702	509.930	818.080	1017.719	1061.173
108.0	173.503	522.840	831.305	1036.612	1093.292
108.5	180.368	534.617	845.160	1051.727	1122.891
109.0	187.233	545.764	860.904	1067.471	1146.193
109.5	194.160	556.659	880.427	1086.364	1164.457
110.0	200.899	567.492	899.951	1107.147	1179.571
110.5	207.511	578.324	916.954	1127.300	1195.316

IES INDOOR REPORT
PHOTOMETRIC FILENAME : SDI5-4-P17-835-DMA-70U-30D-POE N.IES

CANDELA TABULATION - (Cont.)

111.0	213.998	588.967	929.550	1147.453	1212.320
111.5	220.485	599.484	941.516	1165.716	1231.213
112.0	227.034	609.372	953.481	1182.720	1249.476
112.5	233.710	618.944	965.447	1195.945	1267.110
113.0	240.386	628.202	977.413	1206.652	1282.855
113.5	246.998	636.704	988.749	1217.358	1297.339
114.0	253.485	644.891	1000.085	1228.064	1308.675
114.5	259.846	653.078	1010.161	1241.289	1318.752
115.0	266.206	661.265	1022.127	1256.404	1326.939
115.5	272.567	668.823	1034.723	1270.889	1335.756
116.0	278.739	676.380	1046.688	1282.225	1345.832
116.5	284.722	683.307	1058.654	1291.042	1359.058
117.0	290.579	690.235	1069.990	1298.599	1372.283
117.5	296.373	695.903	1080.067	1306.786	1384.249
118.0	302.230	701.571	1090.143	1314.343	1392.436
118.5	307.961	707.239	1098.960	1322.530	1398.104
119.0	313.566	712.277	1107.147	1330.088	1404.401
119.5	319.045	716.686	1114.704	1337.015	1410.699
120.0	324.272	721.094	1120.372	1343.943	1417.627
120.5	329.310	724.243	1126.040	1349.611	1423.295
121.0	334.159	728.022	1130.449	1355.279	1428.963
121.5	338.883	731.170	1134.857	1361.577	1433.371
122.0	343.543	734.319	1138.006	1367.245	1437.780
122.5	348.203	736.838	1140.525	1372.913	1441.558
123.0	352.801	739.358	1142.414	1377.951	1445.337
123.5	357.272	742.506	1144.304	1381.729	1449.116
124.0	361.618	744.396	1145.563	1385.508	1453.524
124.5	365.837	746.285	1146.823	1388.657	1457.303
125.0	370.057	747.545	1147.453	1391.176	1460.452
125.5	374.213	748.804	1148.082	1393.065	1463.600
126.0	378.307	750.064	1148.712	1394.325	1466.120
126.5	382.400	750.064	1149.342	1395.585	1467.379
127.0	386.368	750.693	1149.342	1395.585	1468.639
127.5	390.209	750.693	1149.342	1394.955	1469.268
128.0	393.862	750.693	1149.342	1394.325	1468.639
128.5	397.389	750.064	1148.712	1393.065	1468.639
129.0	400.853	749.434	1148.082	1391.176	1467.379
129.5	404.191	748.804	1146.823	1389.287	1465.490
130.0	407.465	748.174	1145.563	1386.768	1462.971
130.5	410.551	748.174	1143.674	1383.619	1460.452
131.0	413.574	746.915	1141.785	1380.470	1457.303
131.5	416.534	746.285	1138.636	1376.691	1453.524
132.0	419.431	745.026	1136.117	1373.542	1449.745
132.5	422.202	744.396	1132.968	1369.134	1445.337
133.0	424.847	743.766	1129.189	1364.725	1440.928
133.5	427.492	742.506	1125.410	1360.317	1435.890
134.0	430.011	741.247	1121.002	1355.279	1430.852
134.5	432.467	739.987	1116.594	1350.241	1425.184
135.0	434.798	738.728	1112.185	1344.573	1419.516
135.5	437.002	737.468	1107.777	1338.905	1413.218
136.0	439.080	735.579	1102.739	1333.237	1406.921
136.5	441.158	733.060	1097.071	1326.939	1400.623
137.0	443.174	731.170	1092.032	1320.641	1393.695
137.5	445.126	728.651	1086.994	1314.343	1386.768
138.0	447.015	726.132	1081.326	1307.416	1379.210
138.5	448.842	723.613	1075.658	1300.488	1371.653

IES INDOOR REPORT
PHOTOMETRIC FILENAME : SDI5-4-P17-835-DMA-70U-30D-POE N.IES

CANDELA TABULATION - (Cont.)

139.0	450.542	720.464	1069.360	1293.561	1364.096
139.5	452.179	717.315	1063.063	1286.003	1355.909
140.0	453.754	714.166	1056.765	1278.446	1347.092
140.5	455.202	711.018	1050.467	1270.259	1338.905
141.0	456.651	707.869	1043.540	1262.072	1330.088
141.5	457.973	704.090	1036.612	1253.255	1320.641
142.0	459.170	699.682	1029.684	1244.438	1311.824
142.5	460.367	695.903	1022.757	1235.621	1302.378
143.0	461.500	692.124	1015.200	1226.804	1292.931
143.5	462.571	687.716	1008.272	1217.358	1283.484
144.0	463.578	683.307	1000.085	1207.911	1274.038
144.5	464.523	679.529	991.898	1198.465	1263.961
145.0	465.468	675.120	984.341	1188.388	1253.885
145.5	466.412	671.342	976.153	1178.312	1244.438
146.0	467.294	666.933	967.337	1168.865	1234.362
146.5	468.050	662.525	959.149	1158.159	1223.656
147.0	468.806	658.116	950.962	1148.082	1212.949
147.5	469.561	653.708	942.775	1137.376	1201.613
148.0	470.317	649.299	933.958	1127.300	1190.907
148.5	470.947	644.891	925.771	1115.964	1178.941
149.0	471.640	640.483	917.584	1105.258	1167.605
149.5	472.269	636.074	908.767	1094.551	1155.640
150.0	472.773	631.036	899.951	1083.215	1143.674
150.5	473.340	626.879	891.134	1071.879	1131.708
151.0	473.844	622.282	882.947	1060.543	1119.113
151.5	474.348	617.811	874.130	1049.208	1107.147
152.0	474.851	613.402	864.683	1037.242	1094.551
152.5	475.355	608.931	855.866	1025.906	1081.326
153.0	475.922	604.711	847.049	1013.940	1068.101
153.5	476.489	600.303	837.603	1001.974	1054.876
154.0	477.056	596.020	828.786	990.009	1041.650
154.5	477.622	591.738	819.339	977.413	1028.425
155.0	478.126	587.581	809.892	965.447	1014.570
155.5	478.630	583.362	800.446	952.852	1001.345
156.0	479.071	579.331	790.999	940.256	987.489
156.5	479.512	575.553	781.553	927.661	973.634
157.0	480.016	571.711	771.476	915.065	960.409
157.5	480.582	568.121	761.400	901.840	946.554
158.0	481.023	564.469	751.323	889.244	932.699
158.5	481.464	560.942	741.247	876.649	919.474
159.0	481.968	557.478	731.800	863.423	905.618
159.5	482.346	554.077	721.724	850.828	891.763
160.0	482.850	550.865	711.647	837.603	877.279
160.5	483.290	547.591	701.571	824.377	863.423
161.0	483.794	544.442	691.495	811.152	849.568
161.5	484.235	541.230	682.048	797.927	835.713
162.0	484.613	538.207	671.971	784.701	821.858
162.5	485.054	535.310	661.895	771.476	807.373
163.0	485.432	532.539	652.448	758.251	792.889
163.5	485.810	529.705	642.372	745.026	778.404
164.0	486.187	526.997	632.925	731.170	763.919
164.5	486.565	524.478	623.668	717.945	749.434
165.0	486.943	522.148	614.473	704.720	735.579
165.5	487.321	519.817	605.530	691.495	721.094
166.0	487.699	517.613	597.028	678.269	706.609
166.5	488.140	515.472	588.526	665.674	692.754

IES INDOOR REPORT
PHOTOMETRIC FILENAME : SDI5-4-P17-835-DMA-70U-30D-POE N.IES

CANDELA TABULATION - (Cont.)

167.0	488.455	513.457	580.465	652.448	678.269
167.5	488.832	511.441	572.908	639.853	664.414
168.0	489.147	509.426	565.602	627.509	650.559
168.5	489.462	507.474	558.738	615.418	636.704
169.0	489.777	505.710	552.251	603.578	623.353
169.5	490.092	504.073	545.827	592.431	610.442
170.0	490.344	502.436	539.781	581.787	597.973
170.5	490.596	501.050	533.987	571.837	586.322
171.0	490.785	499.539	528.634	562.768	575.238
171.5	490.974	498.090	523.596	554.203	564.846
172.0	491.037	496.831	519.062	546.079	555.715
172.5	491.100	495.634	514.905	538.333	546.772
173.0	491.163	494.500	511.001	531.342	538.396
173.5	491.226	493.493	507.348	524.856	530.839
174.0	491.289	492.422	503.884	518.747	523.722
174.5	491.289	491.478	500.798	513.646	517.361
175.0	491.289	490.659	497.901	508.859	511.567
175.5	491.289	489.840	495.445	504.514	506.403
176.0	491.226	489.147	493.241	500.546	501.869
176.5	491.163	488.581	491.163	497.146	497.775
177.0	491.037	488.014	489.462	494.123	494.249
177.5	490.974	487.510	487.951	491.603	491.415
178.0	490.911	487.132	486.817	489.777	489.084
178.5	490.911	486.943	485.935	488.077	487.258
179.0	490.848	486.754	485.243	487.069	485.998
179.5	490.848	486.565	484.928	486.439	485.243
180.0	486.376	486.376	486.376	486.376	486.376

IES INDOOR REPORT
PHOTOMETRIC FILENAME : SDI5-4-P17-835-DMA-70U-30D-POE N.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	183.22	N.A.	2.70
0-30	432.57	N.A.	6.50
0-40	783.78	N.A.	11.70
0-60	1587.92	N.A.	23.80
0-80	2075.35	N.A.	31.10
0-90	2114.78	N.A.	31.70
10-90	2071.04	N.A.	31.00
20-40	600.57	N.A.	9.00
20-50	1008.72	N.A.	15.10
40-70	1116.61	N.A.	16.70
60-80	487.43	N.A.	7.30
70-80	174.96	N.A.	2.60
80-90	39.43	N.A.	0.60
90-110	735.36	N.A.	11.00
90-120	1656.25	N.A.	24.80
90-130	2593.31	N.A.	38.90
90-150	3972.66	N.A.	59.50
90-180	4560.19	N.A.	68.30
110-180	3824.83	N.A.	57.30
0-180	6674.97	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	43.73
10-20	139.48
20-30	249.36
30-40	351.21
40-50	408.15
50-60	395.99
60-70	312.47
70-80	174.96
80-90	39.43
90-100	90.09
100-110	645.27
110-120	920.89
120-130	937.06
130-140	796.40
140-150	582.94
150-160	361.81
160-170	176.69
170-180	49.03

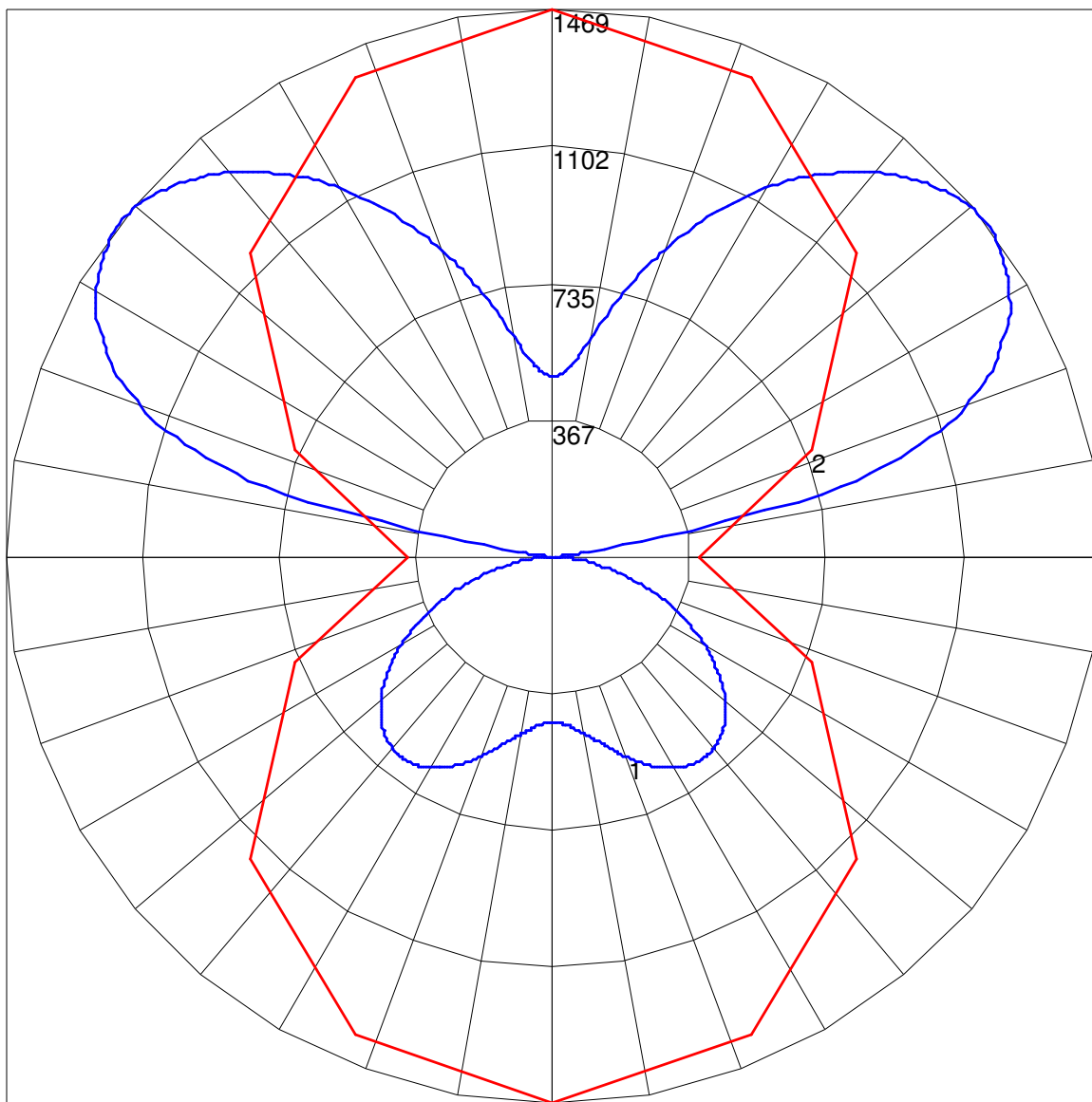
IES INDOOR REPORT
PHOTOMETRIC FILENAME : SDI5-4-P17-835-DMA-70U-30D-POE N.IES

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	103	103	103	103	92	92	92	92	73	73	73	56	56	56	39	39	39	32
1	93	89	85	82	84	80	77	74	64	61	59	48	47	45	34	33	32	26
2	85	77	71	66	76	70	64	60	55	51	48	42	39	37	30	28	27	21
3	77	67	60	54	69	61	54	49	48	44	40	37	34	31	26	24	22	17
4	70	59	51	45	63	53	47	41	42	37	34	32	29	26	23	21	19	14
5	64	52	44	38	57	47	40	35	38	32	29	29	25	22	20	18	16	12
6	59	47	39	33	52	42	35	30	34	28	25	26	22	19	18	16	14	10
7	54	42	34	28	48	38	31	26	30	25	21	23	19	17	16	14	12	9
8	50	38	30	25	45	34	27	23	27	22	19	21	17	15	15	12	11	8
9	46	34	27	22	41	31	24	20	25	20	16	19	15	13	14	11	9	7
10	43	31	24	19	39	28	22	18	23	18	15	17	14	11	12	10	8	6

POLAR GRAPH



Maximum Candela = 1469.268 Located At Horizontal Angle = 90, Vertical Angle = 127.5
1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (127.5) (Through Max. Cd.)