



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

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] GEN FROM 12731921.05
[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-30U-70D-POE N
[LUMINAIRE] White steel housing, clear/textured and frosted lens enclo
[MORE] sures
[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	6206
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	132
Total Luminaire Watts	47.1
Ballast Factor	1.00
CIE Type	Semi-Direct
Spacing Criterion (0-180)	1.34
Spacing Criterion (90-270)	1.54
Spacing Criterion (Diagonal)	1.54
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

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LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	9238	8390	8730
55	8782	7501	7661
65	7970	6096	6059
75	6385	4004	3828
85	2853	1137	1028

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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	1284.782	1284.782	1284.782	1284.782	1284.782
0.5	1316.272	1291.710	1276.594	1274.705	1275.965
1.0	1316.272	1291.710	1276.594	1274.705	1275.965
1.5	1316.272	1291.710	1276.594	1275.335	1275.965
2.0	1316.272	1291.080	1276.594	1275.335	1276.594
2.5	1315.642	1291.080	1276.594	1275.965	1277.224
3.0	1315.642	1291.080	1276.594	1276.594	1277.854
3.5	1315.012	1290.450	1277.224	1277.224	1278.484
4.0	1314.382	1289.820	1277.224	1277.854	1279.743
4.5	1313.752	1289.820	1277.224	1278.484	1281.003
5.0	1313.123	1289.190	1277.224	1279.743	1282.263
5.5	1312.493	1288.561	1277.854	1280.373	1283.522
6.0	1311.233	1287.931	1277.854	1281.633	1284.782
6.5	1310.603	1287.301	1278.484	1282.892	1286.041
7.0	1309.344	1286.671	1278.484	1284.152	1287.931
7.5	1308.084	1286.041	1279.114	1285.412	1289.820
8.0	1306.825	1285.412	1279.114	1286.671	1291.080
8.5	1305.565	1284.152	1279.743	1287.931	1292.969
9.0	1303.676	1283.522	1280.373	1289.820	1294.859
9.5	1302.416	1282.263	1280.373	1291.080	1296.748
10.0	1300.527	1281.633	1281.003	1292.339	1298.637
10.5	1298.637	1280.373	1281.633	1294.229	1301.157
11.0	1296.118	1279.114	1281.633	1296.118	1303.046
11.5	1294.229	1277.854	1282.263	1298.008	1304.935
12.0	1292.339	1276.594	1282.263	1299.267	1307.454
12.5	1289.820	1274.705	1282.263	1301.157	1309.344
13.0	1287.301	1273.446	1282.892	1302.416	1311.863
13.5	1284.782	1271.556	1282.892	1304.305	1314.382
14.0	1282.263	1269.667	1282.892	1306.195	1316.901
14.5	1279.743	1267.777	1282.263	1307.454	1319.421
15.0	1277.224	1265.888	1282.263	1309.344	1321.310
15.5	1274.075	1263.999	1282.263	1310.603	1323.829
16.0	1271.556	1261.479	1281.633	1311.863	1326.348
16.5	1268.407	1259.590	1281.003	1313.123	1328.867
17.0	1265.888	1257.071	1280.373	1314.382	1330.757
17.5	1262.739	1254.552	1279.743	1315.642	1332.646
18.0	1259.590	1252.032	1279.114	1316.901	1334.536
18.5	1255.811	1248.884	1278.484	1318.161	1335.795
19.0	1252.662	1246.364	1277.224	1318.791	1337.685
19.5	1249.513	1243.215	1275.965	1320.050	1338.944
20.0	1245.735	1240.696	1274.705	1320.050	1340.204
20.5	1241.956	1237.547	1273.446	1320.680	1340.834
21.0	1238.177	1234.398	1272.186	1321.310	1342.093
21.5	1234.398	1231.879	1270.926	1321.310	1342.723
22.0	1230.619	1228.730	1269.667	1321.310	1343.353
22.5	1226.211	1225.581	1268.407	1321.310	1343.983
23.0	1222.432	1222.432	1267.148	1321.310	1344.612
23.5	1218.024	1218.653	1265.888	1321.310	1345.242
24.0	1213.615	1215.504	1264.628	1321.310	1345.242
24.5	1209.836	1211.726	1262.739	1321.310	1345.872
25.0	1204.798	1208.577	1261.479	1320.680	1345.872
25.5	1200.389	1204.798	1259.590	1320.050	1345.872
26.0	1195.981	1201.019	1257.701	1320.050	1345.242
26.5	1191.572	1197.870	1255.811	1318.791	1345.242

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CANDELA TABULATION - (Cont.)

27.0	1186.534	1193.462	1253.292	1318.161	1344.612
27.5	1182.125	1189.683	1250.773	1316.901	1343.983
28.0	1177.087	1185.904	1248.254	1315.642	1343.353
28.5	1172.049	1181.495	1245.735	1314.382	1342.093
29.0	1167.010	1177.717	1243.215	1312.493	1340.834
29.5	1161.972	1173.308	1240.066	1310.603	1339.574
30.0	1156.304	1168.900	1236.917	1308.714	1337.685
30.5	1151.265	1164.491	1233.768	1306.825	1335.795
31.0	1146.227	1159.453	1230.619	1304.305	1333.906
31.5	1140.559	1155.044	1227.470	1302.416	1332.016
32.0	1135.520	1150.006	1223.692	1299.897	1329.497
32.5	1129.852	1144.967	1219.913	1297.378	1326.978
33.0	1123.554	1139.929	1216.134	1294.229	1324.459
33.5	1117.886	1134.891	1212.355	1291.710	1321.940
34.0	1111.588	1129.222	1208.577	1288.561	1318.791
34.5	1105.290	1123.554	1204.168	1284.782	1315.642
35.0	1098.992	1117.886	1199.760	1281.003	1312.493
35.5	1092.065	1112.218	1194.721	1277.224	1308.714
36.0	1085.767	1106.550	1190.313	1273.446	1304.935
36.5	1078.839	1100.252	1184.644	1268.407	1300.527
37.0	1071.281	1093.954	1179.606	1263.999	1296.118
37.5	1064.354	1087.656	1173.938	1258.330	1291.080
38.0	1056.796	1081.358	1168.270	1253.292	1285.412
38.5	1049.868	1074.430	1161.972	1246.994	1279.743
39.0	1042.311	1067.503	1155.674	1241.326	1273.446
39.5	1034.753	1059.945	1148.746	1234.398	1267.148
40.0	1027.196	1053.017	1142.448	1228.100	1259.590
40.5	1019.638	1045.460	1134.891	1220.543	1252.662
41.0	1011.451	1037.902	1127.963	1212.985	1245.105
41.5	1003.263	1030.345	1120.405	1205.428	1236.917
42.0	995.076	1022.157	1112.848	1197.240	1228.730
42.5	986.259	1013.970	1104.660	1189.053	1219.913
43.0	978.072	1005.783	1096.473	1180.236	1211.096
43.5	969.255	997.595	1087.656	1171.419	1201.649
44.0	960.437	988.778	1078.839	1162.602	1192.832
44.5	951.620	979.961	1070.022	1153.155	1182.755
45.0	942.173	971.144	1061.205	1143.708	1173.308
45.5	932.726	962.327	1051.758	1133.631	1163.231
46.0	923.279	952.880	1042.311	1123.554	1153.155
46.5	913.203	943.433	1032.864	1113.478	1142.448
47.0	903.756	933.986	1022.787	1102.771	1131.742
47.5	893.679	923.909	1012.710	1092.065	1120.405
48.0	883.602	914.462	1002.634	1080.728	1109.699
48.5	874.155	904.386	991.927	1070.022	1097.733
49.0	863.449	894.309	981.850	1058.685	1086.396
49.5	853.372	884.232	970.514	1046.719	1074.430
50.0	843.296	873.526	959.808	1035.383	1062.464
50.5	833.219	863.449	949.101	1023.417	1049.868
51.0	822.512	852.742	937.765	1011.451	1037.272
51.5	812.436	842.036	926.428	999.485	1024.676
52.0	802.359	831.959	915.092	986.889	1011.451
52.5	792.282	821.253	903.126	974.293	998.855
53.0	781.576	809.916	891.160	961.697	985.629
53.5	770.869	799.210	879.824	949.101	971.774
54.0	760.163	788.503	867.858	935.875	958.548
54.5	749.456	777.167	855.262	922.650	944.693

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CANDELA TABULATION - (Cont.)

55.0	738.120	765.831	843.296	909.424	931.467
55.5	727.413	754.494	830.700	896.198	917.611
56.0	716.707	743.788	818.734	882.973	903.756
56.5	705.370	731.822	806.138	869.117	889.271
57.0	694.034	720.485	793.542	855.262	875.415
57.5	682.698	709.149	780.316	841.406	861.560
58.0	670.732	697.183	767.720	827.551	847.704
58.5	659.395	685.847	754.494	813.695	833.219
59.0	648.059	673.881	741.899	799.210	818.734
59.5	636.093	661.915	728.673	785.354	804.248
60.0	624.757	649.948	715.447	770.869	789.763
60.5	612.979	637.982	702.221	756.384	774.648
61.0	601.454	625.953	688.366	741.899	759.533
61.5	589.488	613.735	675.140	727.413	744.418
62.0	577.648	601.454	661.915	712.928	729.303
62.5	565.682	589.236	648.059	698.443	714.188
63.0	553.905	576.955	634.204	683.328	699.072
63.5	542.128	564.485	620.411	668.842	683.328
64.0	530.287	552.015	606.493	653.727	668.213
64.5	518.573	539.608	592.637	638.612	652.468
65.0	506.544	526.949	578.719	623.497	636.723
65.5	494.578	514.417	564.737	608.445	621.482
66.0	482.612	501.947	550.819	593.267	605.800
66.5	470.646	489.351	536.900	578.089	590.244
67.0	458.554	476.818	522.730	562.785	574.625
67.5	446.399	464.222	508.685	547.607	559.069
68.0	434.307	451.689	494.704	532.240	543.513
68.5	422.152	438.967	480.597	516.873	527.894
69.0	409.997	426.308	466.678	501.695	512.590
69.5	397.653	413.523	452.508	486.391	497.286
70.0	385.246	400.802	438.526	471.150	481.667
70.5	372.902	388.143	424.419	455.846	466.237
71.0	360.684	375.295	410.248	440.668	450.618
71.5	348.340	362.510	396.204	425.427	435.125
72.0	335.996	349.662	382.097	410.248	419.569
72.5	323.652	336.877	368.052	395.070	404.076
73.0	311.308	324.093	354.008	379.955	388.584
73.5	299.027	311.371	339.963	364.966	373.091
74.0	286.872	298.649	326.045	349.977	357.472
74.5	274.717	285.990	312.315	335.114	342.231
75.0	262.625	273.520	298.649	320.251	326.927
75.5	250.469	260.924	284.856	305.640	311.812
76.0	238.818	248.454	271.253	291.091	296.696
76.5	227.167	236.110	257.775	276.543	281.644
77.0	215.579	223.892	244.297	262.184	266.844
77.5	204.117	211.863	231.198	247.950	252.422
78.0	192.591	199.960	218.098	233.906	238.063
78.5	181.192	188.120	205.124	220.176	224.081
79.0	170.045	176.532	192.402	206.510	210.100
79.5	159.023	165.006	179.806	193.095	196.370
80.0	148.002	153.733	167.400	179.743	182.892
80.5	137.295	142.649	155.244	166.770	169.730
81.0	126.463	131.627	143.215	153.985	156.693
81.5	116.008	120.858	131.501	141.452	143.971
82.0	105.680	110.403	120.102	129.234	131.564
82.5	95.603	100.074	109.018	117.331	119.472

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CANDELA TABULATION - (Cont.)

83.0	85.652	90.124	98.248	105.869	107.695
83.5	76.079	80.425	87.793	94.595	96.296
84.0	66.947	71.104	77.717	83.889	85.337
84.5	58.193	62.098	68.144	73.686	74.820
85.0	49.817	53.533	59.075	63.924	64.869
85.5	42.007	45.408	50.510	54.729	55.422
86.0	34.324	37.788	42.511	46.164	46.605
86.5	27.396	30.797	35.143	38.292	38.543
87.0	21.224	24.310	28.341	31.175	31.301
87.5	15.745	18.705	22.295	24.940	24.877
88.0	11.084	13.855	17.193	19.461	19.209
88.5	7.432	10.014	12.659	14.107	13.478
89.0	4.660	6.802	8.376	9.258	8.439
89.5	2.960	4.157	5.038	5.605	4.912
90.0	2.330	3.338	4.094	4.535	4.220
90.5	4.912	7.998	7.495	6.109	4.535
91.0	6.109	11.903	10.832	9.447	7.935
91.5	7.558	16.816	14.737	12.848	11.210
92.0	9.321	22.421	19.524	16.564	14.800
92.5	11.399	27.900	26.074	21.161	18.894
93.0	13.667	32.749	34.009	27.207	24.121
93.5	16.312	37.977	42.952	35.017	31.049
94.0	19.272	43.330	52.966	44.464	39.551
94.5	22.484	47.172	63.042	55.737	49.817
95.0	25.885	51.517	72.615	68.333	62.035
95.5	29.474	56.367	81.432	81.244	75.449
96.0	33.190	61.216	90.187	94.343	89.305
96.5	37.032	66.128	99.634	107.065	103.223
97.0	40.874	71.104	110.718	119.724	116.953
97.5	44.967	76.079	122.243	132.320	130.871
98.0	49.061	81.244	133.454	145.168	144.727
98.5	53.155	86.471	143.530	158.205	158.771
99.0	57.563	91.572	152.914	171.808	173.005
99.5	61.909	96.862	163.180	185.790	187.490
100.0	66.254	102.279	173.068	200.779	202.290
100.5	70.726	107.632	183.522	217.090	217.405
101.0	75.261	112.985	194.859	233.150	232.772
101.5	79.921	118.401	205.880	248.202	248.391
102.0	84.456	123.881	217.027	261.680	264.073
102.5	89.053	129.423	227.860	275.157	280.196
103.0	93.713	134.965	238.314	289.013	296.319
103.5	98.437	140.255	248.454	302.868	312.630
104.0	103.097	145.609	258.279	317.228	328.690
104.5	107.758	151.025	267.915	332.280	345.002
105.0	112.481	156.441	277.614	348.151	361.124
105.5	117.142	161.605	287.501	364.022	377.247
106.0	121.739	166.455	297.137	379.263	393.307
106.5	126.400	171.052	306.584	394.504	409.178
107.0	130.997	175.839	315.527	409.619	425.238
107.5	135.532	181.066	324.030	423.978	440.982
108.0	140.066	186.356	332.469	437.645	456.475
108.5	144.475	191.395	340.593	450.933	471.905
109.0	148.884	195.992	348.655	464.096	486.832
109.5	153.229	200.275	356.401	476.944	501.506
110.0	157.575	204.494	364.084	489.477	515.991
110.5	161.857	209.155	371.390	501.821	530.224

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CANDELA TABULATION - (Cont.)

111.0	166.077	214.130	378.318	513.724	544.269
111.5	170.234	218.980	384.868	525.312	557.809
112.0	174.327	223.640	390.914	536.522	571.035
112.5	178.358	227.923	396.519	547.292	584.009
113.0	182.326	231.891	401.683	557.495	596.290
113.5	186.167	235.417	406.659	567.382	608.445
114.0	190.009	238.566	411.319	576.766	620.348
114.5	193.788	241.526	415.728	585.709	631.684
115.0	197.441	244.549	419.821	594.086	641.761
115.5	201.094	247.761	423.474	601.958	651.838
116.0	204.620	251.036	426.686	609.138	661.915
116.5	208.021	254.500	429.520	615.814	670.732
117.0	211.359	257.838	431.662	621.797	678.919
117.5	214.634	261.113	433.236	627.087	686.477
118.0	217.783	264.199	434.559	631.684	693.404
118.5	220.743	267.033	436.070	636.093	700.332
119.0	223.640	269.678	437.456	639.872	706.000
119.5	226.474	272.071	438.841	642.391	711.039
120.0	229.245	274.213	440.101	644.910	714.817
120.5	231.891	276.039	440.982	646.170	718.596
121.0	234.410	277.740	441.549	647.429	721.745
121.5	236.929	279.251	441.675	647.429	723.634
122.0	239.322	280.763	441.486	647.429	724.894
122.5	241.589	282.337	440.857	646.799	726.154
123.0	243.794	283.849	439.975	645.540	726.154
123.5	245.935	285.234	438.715	643.651	725.524
124.0	247.950	286.683	437.078	641.131	724.264
124.5	249.840	287.942	435.188	637.982	722.375
125.0	251.666	289.265	433.047	634.204	719.856
125.5	253.367	290.398	430.843	630.425	716.707
126.0	255.004	291.469	428.450	626.205	712.928
126.5	256.516	292.540	426.056	621.545	708.519
127.0	257.964	293.484	423.537	616.443	702.851
127.5	259.224	294.429	420.955	610.838	697.183
128.0	260.483	295.185	418.310	604.981	691.515
128.5	261.554	295.815	415.476	598.683	684.587
129.0	262.625	296.319	412.579	592.070	677.030
129.5	263.569	296.696	409.556	585.331	669.472
130.0	264.451	296.885	406.470	578.152	660.655
130.5	265.207	297.011	403.384	570.720	652.468
131.0	265.899	297.011	400.172	563.037	643.021
131.5	266.592	296.759	396.897	555.353	633.574
132.0	267.033	296.445	393.559	547.481	624.253
132.5	267.474	296.067	390.284	539.545	614.428
133.0	267.789	295.563	386.946	531.547	604.540
133.5	268.041	295.059	383.671	523.360	594.526
134.0	268.230	294.492	380.270	515.361	584.513
134.5	268.356	293.862	376.869	507.363	574.247
135.0	268.419	293.233	373.468	499.239	564.107
135.5	268.293	292.477	370.068	491.303	553.968
136.0	268.167	291.721	366.793	483.305	543.765
136.5	267.978	290.902	363.455	475.558	533.814
137.0	267.663	290.084	360.180	467.749	523.738
137.5	267.285	289.202	356.905	460.128	513.661
138.0	266.907	288.194	353.630	452.571	504.088
138.5	266.403	287.187	350.355	445.139	494.200

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CANDELA TABULATION - (Cont.)

139.0	265.836	286.116	347.143	437.896	484.690
139.5	265.207	284.982	343.994	430.717	475.432
140.0	264.514	283.786	340.782	423.726	466.426
140.5	263.695	282.526	337.633	416.861	457.420
141.0	262.939	281.203	334.547	410.060	448.666
141.5	261.995	279.818	331.461	403.447	440.164
142.0	261.113	278.369	328.438	397.023	431.913
142.5	260.168	276.858	325.352	390.788	423.915
143.0	259.161	275.346	322.392	384.616	416.169
143.5	258.216	273.772	319.432	378.696	408.548
144.0	257.145	272.197	316.472	372.902	401.116
144.5	256.075	270.560	313.512	367.296	393.937
145.0	254.941	268.859	310.615	361.754	387.009
145.5	253.807	267.159	307.781	356.401	380.207
146.0	252.611	265.396	304.884	351.174	373.657
146.5	251.351	263.695	302.113	346.072	367.233
147.0	250.029	261.932	299.279	341.160	361.061
147.5	248.832	260.231	296.507	336.311	355.141
148.0	247.509	258.342	293.736	331.650	349.410
148.5	246.124	256.516	291.028	327.053	343.805
149.0	244.738	254.689	288.320	322.644	338.263
149.5	243.353	252.863	285.675	318.235	332.910
150.0	241.967	251.099	282.967	314.016	327.745
150.5	240.519	249.336	280.259	309.922	322.770
151.0	239.196	247.572	277.614	305.828	317.921
151.5	237.748	245.872	274.969	301.861	313.134
152.0	236.362	244.109	272.323	297.956	308.537
152.5	235.039	242.282	269.678	294.177	304.065
153.0	233.780	240.456	267.096	290.461	299.782
153.5	232.457	238.566	264.451	286.809	295.626
154.0	231.135	236.803	261.932	283.219	291.469
154.5	229.812	234.851	259.350	279.755	287.501
155.0	228.427	233.087	256.767	276.354	283.534
155.5	227.104	231.387	254.248	272.953	279.818
156.0	225.656	229.623	251.666	269.678	276.102
156.5	224.270	227.923	249.147	266.340	272.449
157.0	222.821	226.222	246.565	263.191	268.859
157.5	221.436	224.585	243.983	260.042	265.396
158.0	220.050	222.884	241.526	256.893	261.932
158.5	218.728	221.184	238.944	253.933	258.720
159.0	217.405	219.547	236.488	250.910	255.382
159.5	216.083	217.909	234.032	248.013	252.107
160.0	214.760	216.272	231.639	245.116	248.958
160.5	213.501	214.697	229.182	242.282	245.809
161.0	212.304	213.123	226.789	239.511	242.849
161.5	210.981	211.548	224.396	236.803	239.889
162.0	209.722	210.037	222.066	233.906	236.992
162.5	208.525	208.462	219.798	231.135	234.095
163.0	207.266	207.014	217.531	228.427	231.261
163.5	206.132	205.565	215.264	225.719	228.364
164.0	204.935	204.117	213.060	223.073	225.593
164.5	203.802	202.668	210.729	220.491	222.758
165.0	202.668	201.282	208.399	217.972	220.113
165.5	201.534	199.960	206.195	215.453	217.468
166.0	200.464	198.637	204.306	212.934	214.886
166.5	199.393	197.378	202.479	210.540	212.367

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CANDELA TABULATION - (Cont.)

167.0	198.385	196.118	200.716	208.147	209.848
167.5	197.378	194.859	198.952	205.817	207.517
168.0	196.433	193.662	197.252	203.550	205.124
168.5	195.425	192.465	195.614	201.031	202.857
169.0	194.418	191.269	194.040	198.952	200.527
169.5	193.473	190.135	192.591	197.126	198.008
170.0	192.591	189.064	191.143	195.362	196.118
170.5	191.647	188.057	189.820	193.662	194.418
171.0	190.828	187.049	188.435	192.025	192.717
171.5	190.072	186.104	187.238	190.513	191.143
172.0	189.253	185.223	186.041	189.001	189.631
172.5	188.624	184.341	184.908	187.679	188.183
173.0	187.868	183.585	183.900	186.356	186.797
173.5	187.238	182.829	182.829	185.097	185.412
174.0	186.608	182.074	181.948	183.963	184.152
174.5	186.041	181.444	181.066	182.892	182.892
175.0	185.538	180.877	180.247	181.822	181.633
175.5	185.097	180.373	179.492	180.877	180.499
176.0	184.656	179.869	178.799	179.932	179.429
176.5	184.278	179.429	178.169	179.114	178.421
177.0	184.026	179.051	177.602	178.421	177.413
177.5	183.711	178.736	177.161	177.728	176.595
178.0	183.522	178.484	176.783	177.224	176.028
178.5	183.333	178.295	176.469	176.783	175.650
179.0	183.207	178.106	176.217	176.469	175.398
179.5	183.144	178.043	176.091	176.280	175.272
180.0	177.350	177.350	177.350	177.350	177.350

IES INDOOR REPORT
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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	487.84	N.A.	7.90
0-30	1072.64	N.A.	17.30
0-40	1823.79	N.A.	29.40
0-60	3387.18	N.A.	54.60
0-80	4270.18	N.A.	68.80
0-90	4343.33	N.A.	70.00
10-90	4220.48	N.A.	68.00
20-40	1335.95	N.A.	21.50
20-50	2150.94	N.A.	34.70
40-70	2131.96	N.A.	34.40
60-80	883.01	N.A.	14.20
70-80	314.43	N.A.	5.10
80-90	73.14	N.A.	1.20
90-110	338.69	N.A.	5.50
90-120	749.06	N.A.	12.10
90-130	1158.47	N.A.	18.70
90-150	1665.31	N.A.	26.80
90-180	1862.56	N.A.	30.00
110-180	1523.87	N.A.	24.60
0-180	6205.89	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	122.84
10-20	364.99
20-30	584.81
30-40	751.14
40-50	814.99
50-60	748.40
60-70	568.57
70-80	314.43
80-90	73.14
90-100	71.07
100-110	267.62
110-120	410.37
120-130	409.41
130-140	307.12
140-150	199.73
150-160	119.29
160-170	60.27
170-180	17.68

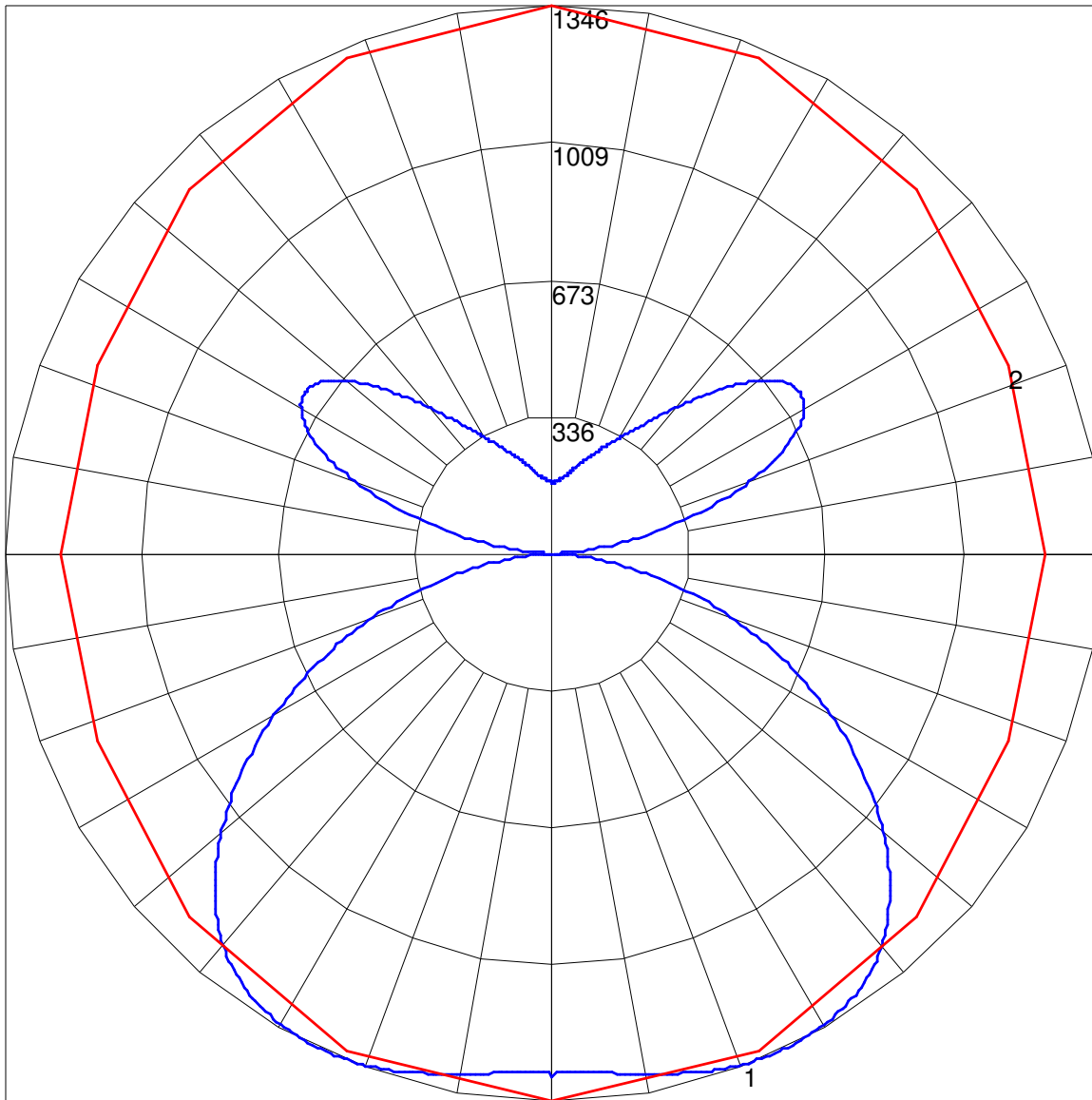
IES INDOOR REPORT
PHOTOMETRIC FILENAME : SDI5-4-P17-835-DMA-30U-70D-POE N.IES

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	112	112	112	112	106	106	106	106	94	94	94	84	84	84	74	74	74	70
1	102	97	93	89	96	92	89	85	82	80	77	74	71	69	65	64	62	58
2	92	85	78	72	87	80	74	69	72	67	63	64	61	57	57	54	52	48
3	84	74	66	60	79	70	63	57	63	57	53	56	52	48	50	47	44	40
4	77	65	57	50	72	62	54	48	56	49	44	50	45	41	44	40	37	34
5	70	58	49	43	66	55	47	41	50	43	38	44	39	35	40	35	32	29
6	65	52	43	37	61	49	41	36	44	38	33	40	35	30	36	31	28	25
7	60	47	38	32	56	44	37	31	40	34	29	36	31	27	33	28	25	22
8	55	42	34	28	52	40	33	28	37	30	26	33	28	24	30	25	22	20
9	52	39	31	25	49	37	30	25	34	27	23	30	25	21	27	23	20	18
10	48	35	28	23	45	34	27	22	31	25	21	28	23	19	25	21	18	16

POLAR GRAPH



Maximum Candela = 1345.872 Located At Horizontal Angle = 90, Vertical Angle = 24.5
1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (24.5) (Through Max. Cd.)