



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : SDI5-4-P17-8TW-DMA-30U-70D-POE N\_4000K.IES

### DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002  
 [TEST] GEN FROM 12731921.05  
 [TESTLAB] UL Verification Services Inc.  
 [ISSUEDATE] 4/2/2019  
 [MANUFAC] WILLIAMS INDOOR  
 [OTHER] H.E. WILLIAMS, INC. - CARTHAGE, MO.  
 [LUMCAT] SDI5-4-P17-8TW-DMA-30U-70D-POE N-4000k  
 [LUMINAIRE] White steel housing, clear/textured and frosted lens  
 [LAMP] LED  
 [LAMPCAT] HLM 80 CRI TUNABLE WHITE 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	6201
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	122
Total Luminaire Watts	50.8
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

### LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	9230	8384	8723
55	8775	7495	7655
65	7963	6091	6054
75	6380	4001	3825
85	2851	1136	1027

**IES INDOOR REPORT****PHOTOMETRIC FILENAME : SDI5-4-P17-8TW-DMA-30U-70D-POE N\_4000K.IES****CANDELA TABULATION**

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
<b>0.0</b>	1283.747	1283.747	1283.747	1283.747	1283.747
<b>0.5</b>	1315.211	1290.669	1275.566	1273.678	1274.937
<b>1.0</b>	1315.211	1290.669	1275.566	1273.678	1274.937
<b>1.5</b>	1315.211	1290.669	1275.566	1274.307	1274.937
<b>2.0</b>	1315.211	1290.040	1275.566	1274.307	1275.566
<b>2.5</b>	1314.582	1290.040	1275.566	1274.937	1276.195
<b>3.0</b>	1314.582	1290.040	1275.566	1275.566	1276.825
<b>3.5</b>	1313.953	1289.410	1276.195	1276.195	1277.454
<b>4.0</b>	1313.323	1288.781	1276.195	1276.825	1278.712
<b>4.5</b>	1312.694	1288.781	1276.195	1277.454	1279.971
<b>5.0</b>	1312.065	1288.152	1276.195	1278.712	1281.230
<b>5.5</b>	1311.435	1287.522	1276.825	1279.342	1282.488
<b>6.0</b>	1310.177	1286.893	1276.825	1280.600	1283.747
<b>6.5</b>	1309.547	1286.264	1277.454	1281.859	1285.005
<b>7.0</b>	1308.289	1285.635	1277.454	1283.117	1286.893
<b>7.5</b>	1307.030	1285.005	1278.083	1284.376	1288.781
<b>8.0</b>	1305.772	1284.376	1278.083	1285.635	1290.040
<b>8.5</b>	1304.513	1283.117	1278.712	1286.893	1291.927
<b>9.0</b>	1302.625	1282.488	1279.342	1288.781	1293.815
<b>9.5</b>	1301.367	1281.230	1279.342	1290.040	1295.703
<b>10.0</b>	1299.479	1280.600	1279.971	1291.298	1297.591
<b>10.5</b>	1297.591	1279.342	1280.600	1293.186	1300.108
<b>11.0</b>	1295.074	1278.083	1280.600	1295.074	1301.996
<b>11.5</b>	1293.186	1276.825	1281.230	1296.962	1303.884
<b>12.0</b>	1291.298	1275.566	1281.230	1298.220	1306.401
<b>12.5</b>	1288.781	1273.678	1281.230	1300.108	1308.289
<b>13.0</b>	1286.264	1272.420	1281.859	1301.367	1310.806
<b>13.5</b>	1283.747	1270.532	1281.859	1303.255	1313.323
<b>14.0</b>	1281.230	1268.644	1281.859	1305.142	1315.840
<b>14.5</b>	1278.712	1266.756	1281.230	1306.401	1318.358
<b>15.0</b>	1276.195	1264.868	1281.230	1308.289	1320.245
<b>15.5</b>	1273.049	1262.980	1281.230	1309.547	1322.763
<b>16.0</b>	1270.532	1260.463	1280.600	1310.806	1325.280
<b>16.5</b>	1267.385	1258.575	1279.971	1312.065	1327.797
<b>17.0</b>	1264.868	1256.058	1279.342	1313.323	1329.685
<b>17.5</b>	1261.722	1253.541	1278.712	1314.582	1331.573
<b>18.0</b>	1258.575	1251.024	1278.083	1315.840	1333.460
<b>18.5</b>	1254.799	1247.877	1277.454	1317.099	1334.719
<b>19.0</b>	1251.653	1245.360	1276.195	1317.728	1336.607
<b>19.5</b>	1248.507	1242.214	1274.937	1318.987	1337.865
<b>20.0</b>	1244.731	1239.697	1273.678	1318.987	1339.124
<b>20.5</b>	1240.955	1236.550	1272.420	1319.616	1339.753
<b>21.0</b>	1237.179	1233.404	1271.161	1320.245	1341.012
<b>21.5</b>	1233.404	1230.887	1269.902	1320.245	1341.641
<b>22.0</b>	1229.628	1227.740	1268.644	1320.245	1342.270
<b>22.5</b>	1225.223	1224.594	1267.385	1320.245	1342.900
<b>23.0</b>	1221.447	1221.447	1266.127	1320.245	1343.529
<b>23.5</b>	1217.042	1217.672	1264.868	1320.245	1344.158
<b>24.0</b>	1212.637	1214.525	1263.610	1320.245	1344.158
<b>24.5</b>	1208.861	1210.749	1261.722	1320.245	1344.788
<b>25.0</b>	1203.827	1207.603	1260.463	1319.616	1344.788
<b>25.5</b>	1199.422	1203.827	1258.575	1318.987	1344.788
<b>26.0</b>	1195.017	1200.051	1256.687	1318.987	1344.158
<b>26.5</b>	1190.612	1196.905	1254.799	1317.728	1344.158

**IES INDOOR REPORT**  
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**CANDELA TABULATION - (Cont.)**

27.0	1185.578	1192.500	1252.282	1317.099	1343.529
27.5	1181.173	1188.724	1249.765	1315.840	1342.900
28.0	1176.139	1184.949	1247.248	1314.582	1342.270
28.5	1171.104	1180.544	1244.731	1313.323	1341.012
29.0	1166.070	1176.768	1242.214	1311.435	1339.753
29.5	1161.036	1172.363	1239.067	1309.547	1338.495
30.0	1155.372	1167.958	1235.921	1307.660	1336.607
30.5	1150.338	1163.553	1232.774	1305.772	1334.719
31.0	1145.303	1158.518	1229.628	1303.255	1332.831
31.5	1139.640	1154.113	1226.482	1301.367	1330.943
32.0	1134.606	1149.079	1222.706	1298.850	1328.426
32.5	1128.942	1144.045	1218.930	1296.332	1325.909
33.0	1122.649	1139.011	1215.154	1293.186	1323.392
33.5	1116.985	1133.976	1211.379	1290.669	1320.875
34.0	1110.693	1128.313	1207.603	1287.522	1317.728
34.5	1104.400	1122.649	1203.198	1283.747	1314.582
35.0	1098.107	1116.985	1198.793	1279.971	1311.435
35.5	1091.185	1111.322	1193.759	1276.195	1307.660
36.0	1084.892	1105.658	1189.354	1272.420	1303.884
36.5	1077.970	1099.365	1183.690	1267.385	1299.479
37.0	1070.418	1093.073	1178.656	1262.980	1295.074
37.5	1063.496	1086.780	1172.992	1257.317	1290.040
38.0	1055.945	1080.487	1167.328	1252.282	1284.376
38.5	1049.022	1073.565	1161.036	1245.989	1278.712
39.0	1041.471	1066.642	1154.743	1240.326	1272.420
39.5	1033.920	1059.091	1147.821	1233.404	1266.127
40.0	1026.368	1052.169	1141.528	1227.111	1258.575
40.5	1018.817	1044.617	1133.976	1219.559	1251.653
41.0	1010.636	1037.066	1127.054	1212.008	1244.102
41.5	1002.455	1029.515	1119.503	1204.456	1235.921
42.0	994.274	1021.334	1111.951	1196.276	1227.740
42.5	985.464	1013.153	1103.770	1188.095	1218.930
43.0	977.284	1004.972	1095.590	1179.285	1210.120
43.5	968.474	996.792	1086.780	1170.475	1200.681
44.0	959.664	987.982	1077.970	1161.665	1191.871
44.5	950.854	979.172	1069.160	1152.226	1181.802
45.0	941.414	970.361	1060.350	1142.786	1172.363
45.5	931.975	961.551	1050.910	1132.718	1162.294
46.0	922.536	952.112	1041.471	1122.649	1152.226
46.5	912.467	942.673	1032.032	1112.580	1141.528
47.0	903.028	933.234	1021.963	1101.883	1130.830
47.5	892.959	923.165	1011.894	1091.185	1119.503
48.0	882.891	913.726	1001.826	1079.858	1108.805
48.5	873.451	903.657	991.128	1069.160	1096.848
49.0	862.753	893.588	981.059	1057.832	1085.521
49.5	852.685	883.520	969.732	1045.876	1073.565
50.0	842.616	872.822	959.034	1034.549	1061.608
50.5	832.547	862.753	948.336	1022.592	1049.022
51.0	821.850	852.055	937.009	1010.636	1036.437
51.5	811.781	841.358	925.682	998.679	1023.851
52.0	801.712	831.289	914.355	986.094	1010.636
52.5	791.644	820.591	902.398	973.508	998.050
53.0	780.946	809.264	890.442	960.922	984.835
53.5	770.248	798.566	879.115	948.336	970.991
54.0	759.550	787.868	867.158	935.121	957.776
54.5	748.852	776.541	854.573	921.906	943.931

**IES INDOOR REPORT****PHOTOMETRIC FILENAME : SDI5-4-P17-8TW-DMA-30U-70D-POE N\_4000K.IES****CANDELA TABULATION - (Cont.)**

55.0	737.525	765.214	842.616	908.691	930.716
55.5	726.827	753.887	830.030	895.476	916.872
56.0	716.129	743.189	818.074	882.261	903.028
56.5	704.802	731.232	805.488	868.417	888.554
57.0	693.475	719.905	792.902	854.573	874.710
57.5	682.148	708.578	779.687	840.728	860.865
58.0	670.191	696.621	767.102	826.884	847.021
58.5	658.864	685.294	753.887	813.040	832.547
59.0	647.537	673.338	741.301	798.566	818.074
59.5	635.580	661.381	728.086	784.722	803.600
60.0	624.253	649.425	714.871	770.248	789.127
60.5	612.486	637.468	701.656	755.774	774.024
61.0	600.970	625.449	687.811	741.301	758.921
61.5	589.013	613.241	674.596	726.827	743.818
62.0	577.183	600.970	661.381	712.354	728.715
62.5	565.226	588.761	647.537	697.880	713.612
63.0	553.458	576.490	633.693	682.777	698.509
63.5	541.691	564.030	619.911	668.303	682.777
64.0	529.860	551.571	606.004	653.201	667.674
64.5	518.155	539.174	592.160	638.098	651.942
65.0	506.136	526.525	578.252	622.995	636.210
65.5	494.180	514.002	564.282	607.955	620.981
66.0	482.223	501.542	550.375	592.789	605.312
66.5	470.267	488.956	536.468	577.623	589.768
67.0	458.184	476.434	522.309	562.331	574.162
67.5	446.039	463.848	508.276	547.166	558.619
68.0	433.957	451.325	494.305	531.811	543.075
68.5	421.811	438.613	480.209	516.456	527.469
69.0	409.666	425.965	466.302	501.291	512.177
69.5	397.332	413.190	452.143	485.999	496.885
70.0	384.935	400.479	438.173	470.770	481.279
70.5	372.601	387.830	424.077	455.478	465.862
71.0	360.393	374.992	409.918	440.313	450.255
71.5	348.059	362.218	395.885	425.084	434.775
72.0	335.725	349.380	381.789	409.918	419.231
72.5	323.391	336.606	367.756	394.752	403.751
73.0	311.057	323.831	353.723	379.649	388.270
73.5	298.786	311.120	339.689	364.672	372.790
74.0	286.641	298.408	325.782	349.695	357.184
74.5	274.495	285.759	312.064	334.844	341.955
75.0	262.413	273.300	298.408	319.993	326.663
75.5	250.268	260.714	284.627	305.393	311.560
76.0	238.626	248.254	271.034	290.857	296.457
76.5	226.984	235.920	257.567	276.320	281.417
77.0	215.405	223.712	244.101	261.972	266.629
77.5	203.952	211.692	231.011	247.751	252.218
78.0	192.436	199.799	217.922	233.717	237.871
78.5	181.046	187.968	204.959	219.999	223.901
79.0	169.908	176.389	192.247	206.343	209.930
79.5	158.895	164.873	179.662	192.940	196.212
80.0	147.883	153.609	167.265	179.599	182.745
80.5	137.185	142.534	155.119	166.635	169.593
81.0	126.361	131.521	143.100	153.861	156.567
81.5	115.915	120.760	131.395	141.338	143.855
82.0	105.594	110.314	120.005	129.130	131.458
82.5	95.526	99.994	108.930	117.236	119.376

**IES INDOOR REPORT****PHOTOMETRIC FILENAME : SDI5-4-P17-8TW-DMA-30U-70D-POE N\_4000K.IES****CANDELA TABULATION - (Cont.)**

83.0	85.583	90.051	98.169	105.783	107.608
83.5	76.018	80.360	87.723	94.519	96.218
84.0	66.893	71.047	77.654	83.821	85.268
84.5	58.146	62.048	68.089	73.627	74.759
85.0	49.777	53.489	59.027	63.873	64.817
85.5	41.973	45.372	50.469	54.685	55.377
86.0	34.296	37.757	42.477	46.127	46.567
86.5	27.374	30.772	35.114	38.261	38.512
87.0	21.207	24.291	28.318	31.150	31.276
87.5	15.732	18.690	22.277	24.920	24.857
88.0	11.075	13.844	17.180	19.445	19.193
88.5	7.426	10.006	12.649	14.096	13.467
89.0	4.657	6.796	8.370	9.251	8.432
89.5	2.958	4.153	5.034	5.601	4.908
90.0	2.328	3.335	4.090	4.531	4.216
90.5	4.908	7.992	7.489	6.104	4.531
91.0	6.104	11.894	10.824	9.439	7.929
91.5	7.551	16.802	14.725	12.837	11.201
92.0	9.313	22.403	19.508	16.550	14.788
92.5	11.390	27.877	26.053	21.144	18.879
93.0	13.656	32.723	33.982	27.185	24.102
93.5	16.299	37.946	42.917	34.988	31.024
94.0	19.256	43.295	52.923	44.428	39.519
94.5	22.466	47.134	62.992	55.692	49.777
95.0	25.864	51.476	72.557	68.278	61.985
95.5	29.451	56.321	81.367	81.178	75.389
96.0	33.163	61.167	90.114	94.267	89.233
96.5	37.002	66.075	99.553	106.979	103.140
97.0	40.841	71.047	110.629	119.628	116.859
97.5	44.931	76.018	122.145	132.213	130.766
98.0	49.022	81.178	133.346	145.051	144.610
98.5	53.112	86.401	143.415	158.077	158.643
99.0	57.517	91.498	152.791	171.670	172.865
99.5	61.859	96.784	163.048	185.640	187.339
100.0	66.201	102.196	172.928	200.617	202.127
100.5	70.669	107.545	183.374	216.915	217.230
101.0	75.200	112.894	194.702	232.962	232.585
101.5	79.857	118.306	205.714	248.002	248.191
102.0	84.387	123.781	216.853	261.469	263.860
102.5	88.981	129.319	227.676	274.936	279.970
103.0	93.638	134.856	238.122	288.780	296.080
103.5	98.358	140.142	248.254	302.624	312.378
104.0	103.014	145.491	258.071	316.972	328.425
104.5	107.671	150.903	267.699	332.012	344.724
105.0	112.391	156.315	277.390	347.870	360.834
105.5	117.047	161.475	287.270	363.728	376.943
106.0	121.641	166.321	296.898	378.957	392.990
106.5	126.298	170.915	306.337	394.186	408.848
107.0	130.892	175.697	315.273	409.289	424.895
107.5	135.423	180.920	323.768	423.636	440.627
108.0	139.954	186.206	332.201	437.292	456.108
108.5	144.359	191.241	340.319	450.570	471.525
109.0	148.764	195.834	348.374	463.722	486.439
109.5	153.106	200.113	356.114	476.559	501.102
110.0	157.448	204.330	363.791	489.082	515.575
110.5	161.727	208.986	371.091	501.416	529.797

**IES INDOOR REPORT****PHOTOMETRIC FILENAME : SDI5-4-P17-8TW-DMA-30U-70D-POE N\_4000K.IES****CANDELA TABULATION - (Cont.)**

111.0	165.943	213.958	378.013	513.310	543.830
111.5	170.096	218.803	384.558	524.889	557.360
112.0	174.187	223.460	390.599	536.090	570.575
112.5	178.214	227.739	396.199	546.851	583.538
113.0	182.179	231.704	401.360	557.045	595.810
113.5	186.017	235.228	406.331	566.925	607.955
114.0	189.856	238.374	410.988	576.302	619.848
114.5	193.632	241.332	415.393	585.237	631.175
115.0	197.282	244.352	419.483	593.607	641.244
115.5	200.932	247.562	423.133	601.473	651.313
116.0	204.456	250.834	426.342	608.647	661.381
116.5	207.854	254.295	429.174	615.317	670.191
117.0	211.189	257.630	431.314	621.296	678.372
117.5	214.461	260.903	432.887	626.582	685.923
118.0	217.608	263.986	434.208	631.175	692.846
118.5	220.565	266.818	435.719	635.580	699.768
119.0	223.460	269.461	437.103	639.356	705.431
119.5	226.292	271.852	438.488	641.873	710.466
120.0	229.061	273.992	439.746	644.391	714.241
120.5	231.704	275.817	440.627	645.649	718.017
121.0	234.221	277.516	441.194	646.908	721.164
121.5	236.738	279.026	441.319	646.908	723.051
122.0	239.129	280.536	441.131	646.908	724.310
122.5	241.395	282.110	440.501	646.278	725.569
123.0	243.597	283.620	439.620	645.020	725.569
123.5	245.737	285.004	438.362	643.132	724.939
124.0	247.751	286.452	436.726	640.615	723.681
124.5	249.638	287.710	434.838	637.468	721.793
125.0	251.463	289.032	432.698	633.693	719.276
125.5	253.162	290.165	430.496	629.917	716.129
126.0	254.799	291.234	428.104	625.701	712.354
126.5	256.309	292.304	425.713	621.044	707.949
127.0	257.756	293.248	423.196	615.947	702.285
127.5	259.015	294.192	420.616	610.346	696.621
128.0	260.273	294.947	417.973	604.494	690.958
128.5	261.343	295.576	415.141	598.201	684.036
129.0	262.413	296.080	412.246	591.593	676.484
129.5	263.357	296.457	409.226	584.860	668.933
130.0	264.238	296.646	406.142	577.686	660.123
130.5	264.993	296.772	403.059	570.260	651.942
131.0	265.685	296.772	399.849	562.583	642.503
131.5	266.377	296.520	396.577	554.906	633.063
132.0	266.818	296.206	393.242	547.040	623.750
132.5	267.258	295.828	389.970	539.111	613.933
133.0	267.573	295.325	386.634	531.119	604.053
133.5	267.825	294.821	383.362	522.938	594.047
134.0	268.014	294.255	379.964	514.946	584.042
134.5	268.139	293.626	376.566	506.954	573.784
135.0	268.202	292.996	373.168	498.836	563.653
135.5	268.077	292.241	369.769	490.907	553.521
136.0	267.951	291.486	366.497	482.915	543.327
136.5	267.762	290.668	363.162	475.175	533.384
137.0	267.447	289.850	359.890	467.372	523.316
137.5	267.070	288.969	356.617	459.758	513.247
138.0	266.692	287.962	353.345	452.206	503.682
138.5	266.189	286.955	350.073	444.780	493.802

**IES INDOOR REPORT****PHOTOMETRIC FILENAME : SDI5-4-P17-8TW-DMA-30U-70D-POE N\_4000K.IES****CANDELA TABULATION - (Cont.)**

139.0	265.622	285.885	346.863	437.544	484.300
139.5	264.993	284.753	343.717	430.370	475.049
140.0	264.301	283.557	340.508	423.385	466.050
140.5	263.483	282.298	337.361	416.525	457.052
141.0	262.728	280.977	334.278	409.729	448.304
141.5	261.784	279.592	331.194	403.122	439.809
142.0	260.903	278.145	328.173	396.703	431.565
142.5	259.959	276.635	325.090	390.473	423.573
143.0	258.952	275.125	322.132	384.306	415.833
143.5	258.008	273.551	319.175	378.391	408.219
144.0	256.938	271.978	316.217	372.601	400.793
144.5	255.868	270.342	313.259	367.001	393.619
145.0	254.736	268.643	310.365	361.463	386.697
145.5	253.603	266.944	307.533	356.114	379.901
146.0	252.407	265.182	304.638	350.891	373.356
146.5	251.149	263.483	301.869	345.794	366.938
147.0	249.827	261.721	299.037	340.885	360.771
147.5	248.632	260.022	296.269	336.040	354.855
148.0	247.310	258.134	293.500	331.383	349.129
148.5	245.926	256.309	290.794	326.789	343.528
149.0	244.541	254.484	288.088	322.384	337.990
149.5	243.157	252.659	285.445	317.979	332.641
150.0	241.772	250.897	282.739	313.763	327.481
150.5	240.325	249.135	280.033	309.672	322.510
151.0	239.003	247.373	277.390	305.582	317.664
151.5	237.556	245.674	274.747	301.618	312.882
152.0	236.172	243.912	272.104	297.716	308.288
152.5	234.850	242.087	269.461	293.940	303.820
153.0	233.592	240.262	266.881	290.227	299.541
153.5	232.270	238.374	264.238	286.578	295.388
154.0	230.949	236.612	261.721	282.991	291.234
154.5	229.627	234.661	259.141	279.530	287.270
155.0	228.243	232.899	256.561	276.131	283.305
155.5	226.921	231.200	254.043	272.733	279.592
156.0	225.474	229.438	251.463	269.461	275.880
156.5	224.089	227.739	248.946	266.126	272.230
157.0	222.642	226.040	246.366	262.979	268.643
157.5	221.258	224.404	243.786	259.833	265.182
158.0	219.873	222.705	241.332	256.686	261.721
158.5	218.552	221.006	238.752	253.729	258.511
159.0	217.230	219.370	236.297	250.708	255.176
159.5	215.909	217.734	233.843	247.813	251.904
160.0	214.587	216.097	231.452	244.919	248.757
160.5	213.328	214.524	228.998	242.087	245.611
161.0	212.133	212.951	226.606	239.318	242.653
161.5	210.811	211.378	224.215	236.612	239.696
162.0	209.553	209.867	221.887	233.717	236.801
162.5	208.357	208.294	219.621	230.949	233.906
163.0	207.099	206.847	217.356	228.243	231.074
163.5	205.966	205.399	215.091	225.537	228.180
164.0	204.770	203.952	212.888	222.894	225.411
164.5	203.637	202.505	210.560	220.314	222.579
165.0	202.505	201.120	208.231	217.796	219.936
165.5	201.372	199.799	206.029	215.279	217.293
166.0	200.302	198.477	204.141	212.762	214.713
166.5	199.232	197.219	202.316	210.371	212.196

**IES INDOOR REPORT****PHOTOMETRIC FILENAME : SDI5-4-P17-8TW-DMA-30U-70D-POE N\_4000K.IES****CANDELA TABULATION - (Cont.)**

167.0	198.226	195.960	200.554	207.980	209.679
167.5	197.219	194.702	198.792	205.651	207.350
168.0	196.275	193.506	197.093	203.386	204.959
168.5	195.268	192.310	195.457	200.869	202.694
169.0	194.261	191.115	193.884	198.792	200.365
169.5	193.317	189.982	192.436	196.967	197.848
170.0	192.436	188.912	190.989	195.205	195.960
170.5	191.492	187.905	189.667	193.506	194.261
171.0	190.674	186.898	188.283	191.870	192.562
171.5	189.919	185.954	187.087	190.359	190.989
172.0	189.101	185.073	185.892	188.849	189.478
172.5	188.472	184.192	184.759	187.528	188.031
173.0	187.716	183.437	183.752	186.206	186.647
173.5	187.087	182.682	182.682	184.948	185.262
174.0	186.458	181.927	181.801	183.815	184.004
174.5	185.892	181.298	180.920	182.745	182.745
175.0	185.388	180.731	180.102	181.675	181.487
175.5	184.948	180.228	179.347	180.731	180.354
176.0	184.507	179.725	178.655	179.787	179.284
176.5	184.130	179.284	178.025	178.969	178.277
177.0	183.878	178.906	177.459	178.277	177.270
177.5	183.563	178.592	177.019	177.585	176.452
178.0	183.374	178.340	176.641	177.082	175.886
178.5	183.186	178.151	176.326	176.641	175.508
179.0	183.060	177.963	176.075	176.326	175.257
179.5	182.997	177.900	175.949	176.138	175.131
180.0	177.207	177.207	177.207	177.207	177.207



**IES INDOOR REPORT****PHOTOMETRIC FILENAME : SDI5-4-P17-8TW-DMA-30U-70D-POE N\_4000K.IES****ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	487.44	N.A.	7.90
0-30	1071.78	N.A.	17.30
0-40	1822.32	N.A.	29.40
0-60	3384.45	N.A.	54.60
0-80	4266.74	N.A.	68.80
0-90	4339.83	N.A.	70.00
10-90	4217.08	N.A.	68.00
20-40	1334.87	N.A.	21.50
20-50	2149.21	N.A.	34.70
40-70	2130.25	N.A.	34.40
60-80	882.30	N.A.	14.20
70-80	314.18	N.A.	5.10
80-90	73.09	N.A.	1.20
90-110	338.42	N.A.	5.50
90-120	748.46	N.A.	12.10
90-130	1157.53	N.A.	18.70
90-150	1663.97	N.A.	26.80
90-180	1861.06	N.A.	30.00
110-180	1522.64	N.A.	24.60
0-180	6200.89	N.A.	100.00

Total Luminaire Efficiency = N.A.%

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	122.74
10-20	364.70
20-30	584.34
30-40	750.54
40-50	814.33
50-60	747.80
60-70	568.12
70-80	314.18
80-90	73.09
90-100	71.02
100-110	267.40
110-120	410.04
120-130	409.08
130-140	306.87
140-150	199.57
150-160	119.20
160-170	60.22
170-180	17.67

# IES INDOOR REPORT

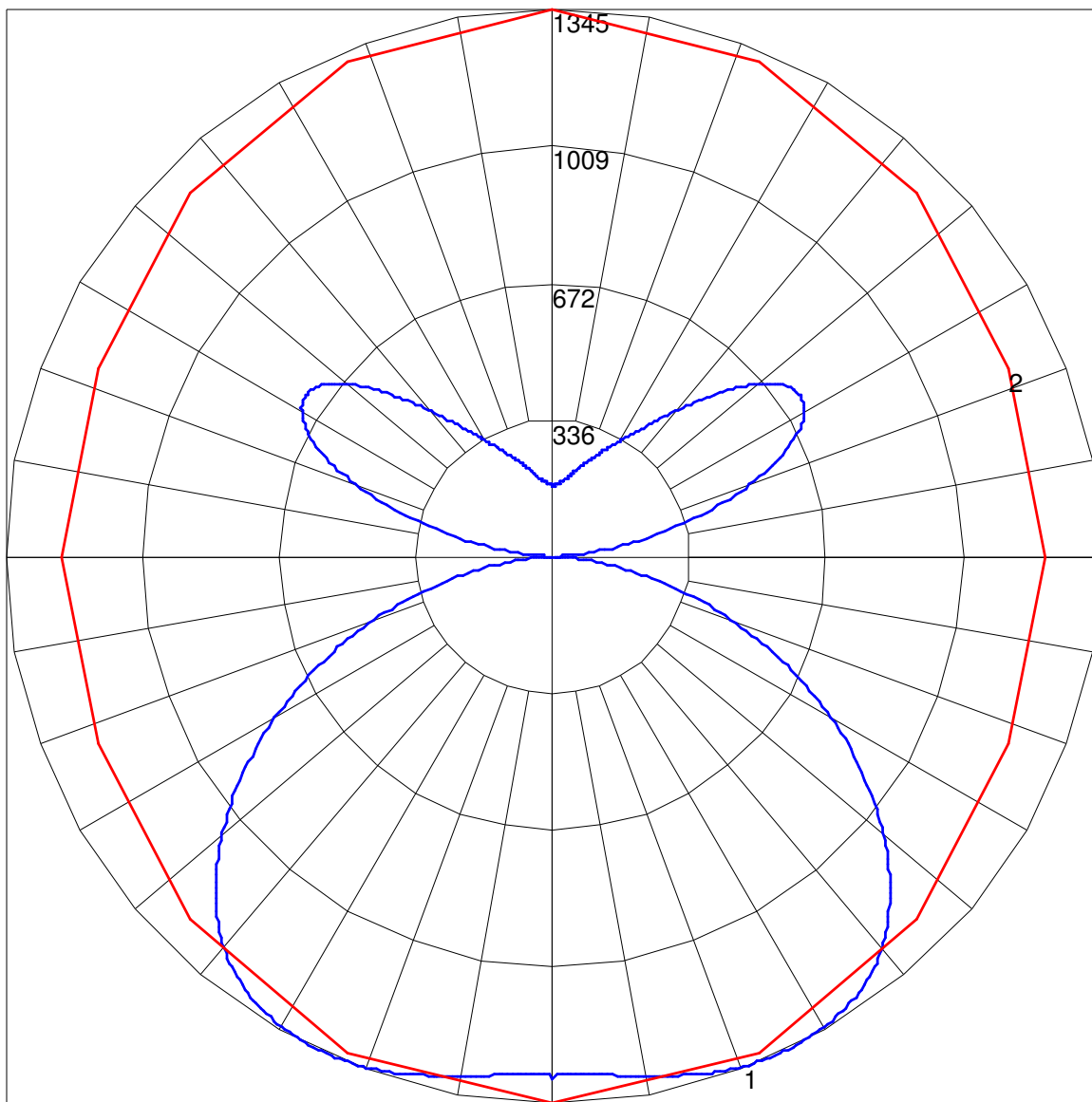
PHOTOMETRIC FILENAME : SDI5-4-P17-8TW-DMA-30U-70D-POE N\_4000K.IES

## 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 = 1344.788 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.)