



## IES INDOOR REPORT

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

### DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002  
 [TEST] GEN FROM 12731921.03  
 [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-70U-30D-POE N-4000k  
 [LUMINAIRE] White formed steel housing, frost/clear lens enclosures  
 [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	6670
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	131
Total Luminaire Watts	50.8
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	4435	4634	5257
55	4450	4388	4815
65	4213	3659	3914
75	3405	2400	2460
85	1401	639	619

**IES INDOOR REPORT****PHOTOMETRIC FILENAME : SDI5-4-P17-8TW-DMA-70U-30D-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>	446.869	446.869	446.869	446.869	446.869
<b>0.5</b>	451.967	447.436	445.170	446.492	445.107
<b>1.0</b>	451.967	447.498	445.359	446.806	445.485
<b>1.5</b>	452.029	447.624	445.611	447.373	446.051
<b>2.0</b>	452.029	447.750	446.051	448.065	446.869
<b>2.5</b>	452.092	447.876	446.617	448.946	447.939
<b>3.0</b>	452.155	448.128	447.247	450.079	449.261
<b>3.5</b>	452.218	448.380	448.002	451.337	450.834
<b>4.0</b>	452.281	448.631	448.820	452.785	452.596
<b>4.5</b>	452.344	448.946	449.827	454.358	454.484
<b>5.0</b>	452.470	449.386	450.897	456.183	456.623
<b>5.5</b>	452.533	449.764	452.029	458.071	458.952
<b>6.0</b>	452.659	450.205	453.288	460.210	461.532
<b>6.5</b>	452.785	450.708	454.610	462.413	464.238
<b>7.0</b>	452.911	451.274	456.057	464.804	467.133
<b>7.5</b>	453.099	451.778	457.567	467.385	470.091
<b>8.0</b>	453.288	452.407	459.204	470.028	473.300
<b>8.5</b>	453.540	453.036	460.903	472.797	474.055
<b>9.0</b>	453.729	453.729	462.665	473.426	477.516
<b>9.5</b>	453.980	454.421	464.553	476.384	480.852
<b>10.0</b>	454.232	455.113	466.503	479.404	484.502
<b>10.5</b>	454.421	455.868	468.454	482.614	488.089
<b>11.0</b>	454.673	456.623	470.531	486.012	489.536
<b>11.5</b>	454.987	457.442	472.608	488.655	493.501
<b>12.0</b>	455.239	458.260	474.810	490.543	497.465
<b>12.5</b>	455.554	459.141	474.999	494.130	501.430
<b>13.0</b>	455.805	460.022	477.013	497.843	505.583
<b>13.5</b>	456.120	460.903	479.404	501.493	509.863
<b>14.0</b>	456.309	461.847	481.796	505.395	514.205
<b>14.5</b>	456.560	462.728	484.313	509.296	518.799
<b>15.0</b>	456.812	463.672	485.697	513.261	523.267
<b>15.5</b>	457.064	464.616	487.711	517.288	527.924
<b>16.0</b>	457.316	465.622	489.725	521.442	532.580
<b>16.5</b>	457.567	466.566	492.431	525.847	537.489
<b>17.0</b>	457.756	467.510	495.200	530.063	542.209
<b>17.5</b>	457.945	468.454	497.843	534.405	546.992
<b>18.0</b>	458.134	469.461	500.612	538.936	551.963
<b>18.5</b>	458.260	470.405	503.381	543.342	557.123
<b>19.0</b>	458.385	471.349	506.213	547.873	562.284
<b>19.5</b>	458.511	472.293	508.856	552.341	567.318
<b>20.0</b>	458.574	473.174	511.688	556.683	572.541
<b>20.5</b>	458.700	474.055	514.331	561.025	577.639
<b>21.0</b>	458.700	474.936	516.974	565.304	582.673
<b>21.5</b>	458.700	475.817	519.680	569.584	587.896
<b>22.0</b>	458.700	476.635	522.260	573.800	592.805
<b>22.5</b>	458.700	477.453	524.777	577.953	597.713
<b>23.0</b>	458.637	478.209	527.357	581.981	602.496
<b>23.5</b>	458.574	477.768	529.686	586.197	606.964
<b>24.0</b>	458.448	477.202	532.140	590.099	611.369
<b>24.5</b>	458.260	477.894	534.468	594.001	615.712
<b>25.0</b>	458.134	478.523	536.671	597.839	619.739
<b>25.5</b>	457.882	479.090	539.062	601.552	623.955
<b>26.0</b>	457.630	479.593	541.265	605.139	627.920
<b>26.5</b>	457.316	480.034	543.342	608.475	631.822

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

27.0	457.001	480.474	545.544	611.747	635.598
27.5	456.560	480.789	547.306	615.019	639.373
28.0	456.120	481.103	549.194	618.166	643.149
28.5	455.617	481.355	550.956	621.061	646.296
29.0	454.987	481.418	552.529	623.893	649.442
29.5	454.358	481.481	553.977	626.536	652.589
30.0	453.666	481.481	555.424	629.116	655.735
30.5	452.911	481.292	556.494	631.193	658.253
31.0	452.092	481.166	557.816	633.710	661.399
31.5	451.211	480.852	558.760	635.598	663.916
32.0	450.267	480.537	559.641	637.486	665.804
32.5	449.261	480.159	560.333	639.373	668.321
33.0	448.191	479.656	561.025	640.632	669.580
33.5	447.058	479.782	561.528	642.520	671.468
34.0	445.862	479.593	561.780	643.149	672.727
34.5	444.604	478.775	562.032	644.408	673.985
35.0	443.282	477.957	562.095	645.037	674.615
35.5	441.898	478.209	562.032	645.667	675.244
36.0	440.450	477.202	561.906	645.667	675.873
36.5	438.940	476.069	561.528	645.667	676.502
37.0	437.367	474.873	561.025	645.667	676.502
37.5	435.730	473.552	560.459	645.667	676.502
38.0	433.968	472.104	559.641	645.037	675.873
38.5	432.206	470.594	558.822	644.408	675.244
39.0	430.318	468.958	557.816	643.779	674.615
39.5	428.368	467.259	556.620	642.520	673.985
40.0	426.291	465.434	555.298	641.261	672.097
40.5	424.214	463.546	553.788	640.003	670.839
41.0	422.075	461.595	552.152	638.115	668.951
41.5	419.872	459.518	550.516	636.856	667.063
42.0	417.607	457.316	548.565	634.339	665.175
42.5	415.215	455.113	546.488	632.451	662.658
43.0	412.761	452.785	544.223	629.934	660.141
43.5	410.244	450.330	541.831	627.354	657.623
44.0	407.601	447.813	539.251	624.459	654.477
44.5	404.895	445.233	536.608	621.501	651.330
45.0	402.189	442.527	533.650	618.229	648.184
45.5	399.357	439.695	530.755	614.705	644.408
46.0	396.462	436.800	527.483	611.181	640.632
46.5	393.567	433.780	524.274	607.531	636.856
47.0	390.483	430.696	520.812	603.566	632.451
47.5	387.400	427.424	517.225	599.476	628.172
48.0	384.253	424.151	513.575	595.133	623.767
48.5	380.981	420.690	509.737	590.665	619.173
49.0	377.709	417.166	505.898	586.071	614.201
49.5	374.247	413.579	501.682	581.226	609.356
50.0	370.849	409.866	497.465	576.254	604.007
50.5	367.262	406.090	493.123	571.220	598.657
51.0	363.675	402.251	488.655	565.997	593.057
51.5	360.025	398.287	484.690	560.522	587.204
52.0	356.312	394.196	481.607	554.858	581.226
52.5	352.473	390.043	476.698	549.194	575.121
53.0	348.635	385.827	473.992	543.279	568.828
53.5	344.733	381.547	468.706	537.237	562.284
54.0	340.706	377.142	463.357	530.881	555.676
54.5	336.678	372.737	457.945	524.588	548.754

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55.0	332.587	368.206	452.344	518.044	541.768
55.5	328.371	363.675	446.680	511.310	534.720
56.0	324.029	359.018	440.891	504.513	527.357
56.5	319.624	354.236	435.038	497.654	520.120
57.0	315.282	349.327	429.060	492.368	512.820
57.5	310.814	344.418	423.019	485.697	505.332
58.0	306.220	339.384	416.788	478.334	497.528
58.5	301.689	334.287	410.432	470.846	492.305
59.0	297.095	329.063	404.014	463.797	484.502
59.5	292.627	323.777	397.469	458.071	476.509
60.0	288.033	318.428	390.924	450.205	468.391
60.5	283.439	313.079	384.190	442.401	460.336
61.0	278.845	307.793	377.457	434.472	454.421
61.5	274.125	302.444	370.535	426.480	445.988
62.0	269.217	297.032	363.675	418.425	437.430
62.5	264.119	291.557	356.753	410.244	428.745
63.0	259.022	286.019	349.705	402.000	420.124
63.5	253.861	280.418	342.719	393.756	411.188
64.0	248.638	274.754	335.671	385.449	402.314
64.5	243.415	269.028	328.623	377.205	393.504
65.0	238.129	263.301	321.575	368.961	384.757
65.5	232.780	257.511	314.464	360.592	375.884
66.0	227.431	251.659	307.226	352.348	367.010
66.5	222.019	245.743	299.927	344.041	358.200
67.0	216.607	239.765	292.627	335.608	349.327
67.5	211.069	233.724	285.264	327.050	340.328
68.0	205.531	227.619	277.901	318.365	331.266
68.5	199.930	221.389	270.349	309.492	322.015
69.0	194.266	215.222	262.609	300.556	312.701
69.5	188.603	208.992	254.868	291.557	303.262
70.0	182.876	202.699	247.002	282.495	293.885
70.5	177.149	196.343	239.136	273.307	284.383
71.0	171.360	189.987	231.269	264.182	274.880
71.5	165.570	183.568	223.277	255.057	265.378
72.0	159.718	177.086	215.285	245.869	255.875
72.5	153.802	170.542	207.230	236.681	246.499
73.0	147.887	164.060	199.301	227.619	237.059
73.5	142.034	157.578	191.372	218.620	227.619
74.0	136.119	151.222	183.568	209.621	218.243
74.5	130.392	144.866	175.765	200.748	208.866
75.0	124.602	138.510	168.024	191.812	199.552
75.5	118.876	132.154	160.347	182.939	190.113
76.0	113.086	125.798	152.669	174.129	180.925
76.5	107.359	119.505	145.181	165.444	171.737
77.0	101.696	113.275	137.692	156.823	162.675
77.5	96.095	107.108	130.329	148.264	153.739
78.0	90.494	101.003	122.966	139.769	144.929
78.5	84.893	94.962	115.603	131.399	136.182
79.0	79.418	88.921	108.366	123.155	127.497
79.5	74.006	83.068	101.129	114.974	119.001
80.0	68.720	77.216	94.144	106.919	110.758
80.5	63.497	71.552	87.159	99.115	102.640
81.0	58.337	65.888	80.299	91.438	94.647
81.5	53.239	60.350	73.629	83.886	86.844
82.0	48.205	54.938	67.021	76.461	79.229
82.5	43.674	49.589	60.602	69.286	71.741

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83.0	39.080	44.429	54.372	62.364	64.567
83.5	34.549	39.457	48.394	55.693	57.581
84.0	30.081	34.675	42.667	49.149	50.785
84.5	25.801	30.081	37.192	42.919	44.303
85.0	21.774	25.613	31.969	37.003	38.073
85.5	17.872	21.396	27.060	31.402	32.220
86.0	14.222	17.432	22.529	26.242	26.745
86.5	10.761	13.845	18.313	21.522	21.774
87.0	7.615	10.509	14.537	17.243	17.117
87.5	4.909	7.615	11.202	13.215	12.838
88.0	2.580	5.097	7.992	9.628	9.251
88.5	0.629	3.021	5.412	6.985	7.111
89.0	0.000	1.762	3.776	5.223	5.223
89.5	0.000	0.818	2.769	4.090	3.524
90.0	0.000	1.447	3.084	4.405	3.587
90.5	0.000	2.958	3.965	3.902	3.713
91.0	0.629	5.601	7.300	7.111	6.985
91.5	2.140	8.747	11.139	11.705	11.139
92.0	3.902	12.083	15.040	16.110	15.796
92.5	6.041	15.858	19.194	20.264	19.886
93.0	8.496	22.592	23.033	24.795	24.417
93.5	11.265	36.374	26.683	29.011	28.948
94.0	14.222	51.792	30.836	33.038	33.038
94.5	17.432	69.979	35.493	37.192	37.192
95.0	20.956	94.647	40.905	41.912	41.723
95.5	24.669	117.743	47.638	47.198	46.757
96.0	28.633	135.552	62.364	53.113	52.421
96.5	32.913	156.571	93.766	59.595	58.588
97.0	37.444	179.981	133.287	66.517	65.322
97.5	42.163	199.175	175.010	76.083	72.433
98.0	46.631	215.222	228.249	99.871	80.236
98.5	51.666	230.577	292.815	143.481	98.046
99.0	56.889	250.023	357.004	192.253	137.188
99.5	62.427	270.349	401.370	242.031	189.358
100.0	68.091	286.585	438.122	306.157	240.017
100.5	73.817	303.199	470.657	389.980	297.032
101.0	79.733	317.862	501.178	484.816	374.562
101.5	85.774	333.972	534.531	574.555	472.041
102.0	92.004	349.453	561.780	636.227	582.547
102.5	98.360	362.920	590.036	685.942	677.132
103.0	104.905	376.702	622.823	731.881	740.062
103.5	111.513	390.735	652.589	769.640	793.553
104.0	118.183	405.020	673.356	801.105	841.380
104.5	124.917	420.816	687.830	835.087	877.880
105.0	131.839	437.555	706.080	870.328	906.828
105.5	138.699	452.973	729.993	899.906	938.293
106.0	145.621	467.951	755.166	928.224	973.534
106.5	152.606	482.677	779.708	959.689	1004.999
107.0	159.655	496.521	800.475	991.784	1032.060
107.5	166.577	509.548	817.467	1016.956	1060.378
108.0	173.373	522.449	830.682	1035.835	1092.473
108.5	180.233	534.217	844.527	1050.939	1122.050
109.0	187.092	545.355	860.259	1066.671	1145.334
109.5	194.015	556.242	879.768	1085.550	1163.584
110.0	200.748	567.066	899.276	1106.317	1178.687
110.5	207.356	577.890	916.267	1126.455	1194.420

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**CANDELA TABULATION - (Cont.)**

111.0	213.838	588.526	928.854	1146.593	1211.411
111.5	220.320	599.035	940.810	1164.843	1230.290
112.0	226.864	608.915	952.767	1181.834	1248.540
112.5	233.535	618.481	964.724	1195.049	1266.161
113.0	240.206	627.731	976.681	1205.748	1281.893
113.5	246.813	636.227	988.008	1216.446	1296.367
114.0	253.295	644.408	999.336	1227.144	1307.695
114.5	259.651	652.589	1009.405	1240.359	1317.764
115.0	266.007	660.770	1021.361	1255.463	1325.945
115.5	272.363	668.321	1033.947	1269.937	1334.755
116.0	278.530	675.873	1045.904	1281.264	1344.824
116.5	284.509	682.795	1057.861	1290.074	1358.039
117.0	290.361	689.718	1069.188	1297.626	1371.255
117.5	296.151	695.382	1079.257	1305.807	1383.211
118.0	302.003	701.045	1089.326	1313.359	1391.392
118.5	307.730	706.709	1098.137	1321.540	1397.056
119.0	313.331	711.743	1106.317	1329.091	1403.349
119.5	318.806	716.149	1113.869	1336.014	1409.642
120.0	324.029	720.554	1119.533	1342.936	1416.565
120.5	329.063	723.700	1125.197	1348.600	1422.228
121.0	333.909	727.476	1129.602	1354.263	1427.892
121.5	338.629	730.623	1134.007	1360.557	1432.297
122.0	343.286	733.769	1137.153	1366.220	1436.702
122.5	347.943	736.286	1139.671	1371.884	1440.478
123.0	352.536	738.804	1141.559	1376.918	1444.254
123.5	357.004	741.950	1143.446	1380.694	1448.030
124.0	361.347	743.838	1144.705	1384.470	1452.435
124.5	365.563	745.726	1145.964	1387.617	1456.211
125.0	369.779	746.985	1146.593	1390.134	1459.357
125.5	373.933	748.243	1147.222	1392.022	1462.504
126.0	378.023	749.502	1147.852	1393.280	1465.021
126.5	382.114	749.502	1148.481	1394.539	1466.280
127.0	386.078	750.131	1148.481	1394.539	1467.538
127.5	389.917	750.131	1148.481	1393.910	1468.168
128.0	393.567	750.131	1148.481	1393.280	1467.538
128.5	397.091	749.502	1147.852	1392.022	1467.538
129.0	400.552	748.872	1147.222	1390.134	1466.280
129.5	403.888	748.243	1145.964	1388.246	1464.392
130.0	407.160	747.614	1144.705	1385.729	1461.875
130.5	410.244	747.614	1142.817	1382.582	1459.357
131.0	413.264	746.355	1140.929	1379.436	1456.211
131.5	416.222	745.726	1137.783	1375.660	1452.435
132.0	419.117	744.467	1135.265	1372.513	1448.659
132.5	421.886	743.838	1132.119	1368.108	1444.254
133.0	424.529	743.209	1128.343	1363.703	1439.849
133.5	427.172	741.950	1124.567	1359.298	1434.814
134.0	429.689	740.691	1120.162	1354.263	1429.780
134.5	432.143	739.433	1115.757	1349.229	1424.116
135.0	434.472	738.174	1111.352	1343.565	1418.453
135.5	436.674	736.916	1106.947	1337.902	1412.159
136.0	438.751	735.028	1101.912	1332.238	1405.866
136.5	440.828	732.511	1096.249	1325.945	1399.573
137.0	442.842	730.623	1091.214	1319.652	1392.651
137.5	444.792	728.105	1086.180	1313.359	1385.729
138.0	446.680	725.588	1080.516	1306.436	1378.177
138.5	448.505	723.071	1074.852	1299.514	1370.625

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

139.0	450.205	719.924	1068.559	1292.592	1363.074
139.5	451.841	716.778	1062.266	1285.040	1354.893
140.0	453.414	713.631	1055.973	1277.488	1346.083
140.5	454.861	710.485	1049.680	1269.307	1337.902
141.0	456.309	707.338	1042.758	1261.126	1329.091
141.5	457.630	703.563	1035.835	1252.316	1319.652
142.0	458.826	699.157	1028.913	1243.506	1310.841
142.5	460.022	695.382	1021.991	1234.696	1301.402
143.0	461.154	691.606	1014.439	1225.885	1291.962
143.5	462.224	687.201	1007.517	1216.446	1282.523
144.0	463.231	682.795	999.336	1207.006	1273.083
144.5	464.175	679.020	991.155	1197.567	1263.014
145.0	465.119	674.615	983.603	1187.498	1252.945
145.5	466.063	670.839	975.422	1177.429	1243.506
146.0	466.944	666.434	966.612	1167.989	1233.437
146.5	467.699	662.028	958.431	1157.291	1222.739
147.0	468.454	657.623	950.250	1147.222	1212.041
147.5	469.210	653.218	942.069	1136.524	1200.713
148.0	469.965	648.813	933.259	1126.455	1190.015
148.5	470.594	644.408	925.078	1115.128	1178.058
149.0	471.286	640.003	916.897	1104.430	1166.731
149.5	471.916	635.598	908.087	1093.731	1154.774
150.0	472.419	630.563	899.276	1082.404	1142.817
150.5	472.985	626.410	890.466	1071.076	1130.860
151.0	473.489	621.816	882.285	1059.749	1118.274
151.5	473.992	617.348	873.475	1048.421	1106.317
152.0	474.496	612.943	864.035	1036.465	1093.731
152.5	474.999	608.475	855.225	1025.137	1080.516
153.0	475.565	604.258	846.415	1013.180	1067.301
153.5	476.132	599.853	836.975	1001.224	1054.085
154.0	476.698	595.574	828.165	989.267	1040.870
154.5	477.265	591.295	818.725	976.681	1027.654
155.0	477.768	587.141	809.286	964.724	1013.810
155.5	478.271	582.925	799.846	952.138	1000.594
156.0	478.712	578.897	790.407	939.552	986.750
156.5	479.153	575.121	780.967	926.966	972.905
157.0	479.656	571.283	770.898	914.380	959.689
157.5	480.222	567.696	760.829	901.164	945.845
158.0	480.663	564.046	750.760	888.578	932.000
158.5	481.103	560.522	740.691	875.992	918.785
159.0	481.607	557.060	731.252	862.777	904.940
159.5	481.984	553.662	721.183	850.190	891.095
160.0	482.488	550.453	711.114	836.975	876.621
160.5	482.928	547.180	701.045	823.760	862.777
161.0	483.432	544.034	690.976	810.544	848.932
161.5	483.872	540.824	681.537	797.329	835.087
162.0	484.250	537.804	671.468	784.114	821.242
162.5	484.690	534.909	661.399	770.898	806.768
163.0	485.068	532.140	651.960	757.683	792.294
163.5	485.446	529.308	641.891	744.467	777.820
164.0	485.823	526.602	632.451	730.623	763.346
164.5	486.201	524.085	623.200	717.407	748.872
165.0	486.578	521.756	614.012	704.192	735.028
165.5	486.956	519.428	605.076	690.976	720.554
166.0	487.333	517.225	596.581	677.761	706.080
166.5	487.774	515.086	588.085	665.175	692.235

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

167.0	488.089	513.072	580.030	651.960	677.761
167.5	488.466	511.058	572.478	639.373	663.916
168.0	488.781	509.044	565.178	627.039	650.072
168.5	489.096	507.094	558.319	614.956	636.227
169.0	489.410	505.332	551.837	603.126	622.886
169.5	489.725	503.695	545.418	591.987	609.985
170.0	489.977	502.059	539.377	581.352	597.525
170.5	490.228	500.675	533.587	571.409	585.883
171.0	490.417	499.164	528.238	562.347	574.807
171.5	490.606	497.717	523.204	553.788	564.423
172.0	490.669	496.458	518.673	545.670	555.298
172.5	490.732	495.263	514.519	537.930	546.362
173.0	490.795	494.130	510.618	530.944	537.992
173.5	490.858	493.123	506.968	524.462	530.441
174.0	490.921	492.053	503.507	518.358	523.330
174.5	490.921	491.109	500.423	513.261	516.974
175.0	490.921	490.291	497.528	508.478	511.184
175.5	490.921	489.473	495.074	504.136	506.024
176.0	490.858	488.781	492.871	500.171	501.493
176.5	490.795	488.214	490.795	496.773	497.402
177.0	490.669	487.648	489.096	493.752	493.878
177.5	490.606	487.145	487.585	491.235	491.046
178.0	490.543	486.767	486.452	489.410	488.718
178.5	490.543	486.578	485.571	487.711	486.893
179.0	490.480	486.390	484.879	486.704	485.634
179.5	490.480	486.201	484.565	486.075	484.879
180.0	486.012	486.012	486.012	486.012	486.012



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

Zone	Lumens	%Lamp	%Fixt
0-20	183.08	N.A.	2.70
0-30	432.25	N.A.	6.50
0-40	783.20	N.A.	11.70
0-60	1586.74	N.A.	23.80
0-80	2073.8	N.A.	31.10
0-90	2113.19	N.A.	31.70
10-90	2069.49	N.A.	31.00
20-40	600.12	N.A.	9.00
20-50	1007.96	N.A.	15.10
40-70	1115.77	N.A.	16.70
60-80	487.06	N.A.	7.30
70-80	174.83	N.A.	2.60
80-90	39.40	N.A.	0.60
90-110	734.81	N.A.	11.00
90-120	1655.01	N.A.	24.80
90-130	2591.37	N.A.	38.90
90-150	3969.68	N.A.	59.50
90-180	4556.77	N.A.	68.30
110-180	3821.96	N.A.	57.30
0-180	6669.97	N.A.	100.00

Total Luminaire Efficiency = N.A.%

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	43.70
10-20	139.38
20-30	249.17
30-40	350.95
40-50	407.85
50-60	395.69
60-70	312.23
70-80	174.83
80-90	39.40
90-100	90.02
100-110	644.79
110-120	920.20
120-130	936.36
130-140	795.81
140-150	582.51
150-160	361.54
160-170	176.56
170-180	49.00

# IES INDOOR REPORT

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

## COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

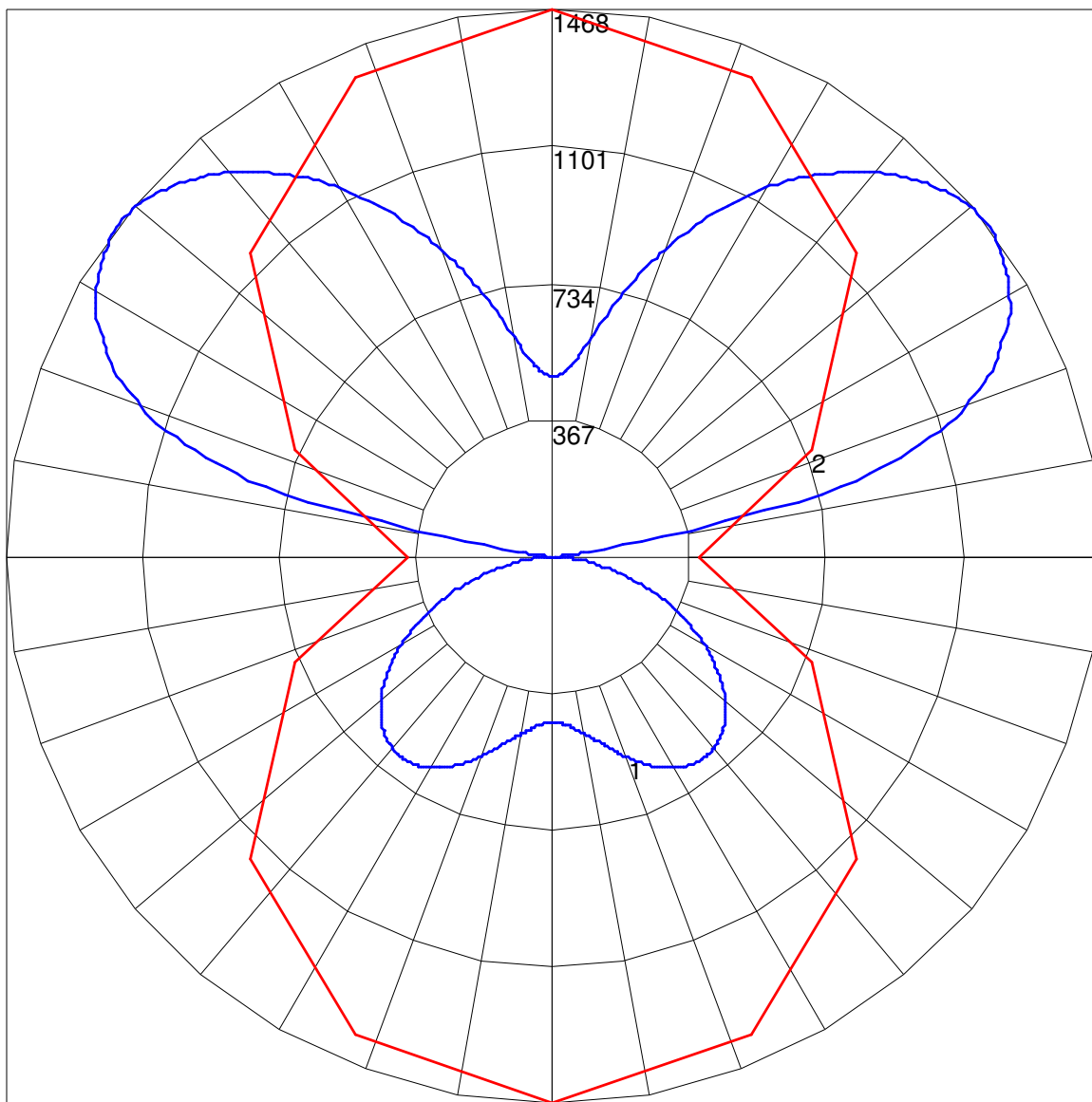
Effective Floor Cavity Reflectance 0.20

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	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

# IES INDOOR REPORT

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

## POLAR GRAPH



Maximum Candela = 1468.168 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.)