



## IES INDOOR REPORT

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

### DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002  
 [TEST] GEN FROM 12731921.03  
 [TESTLAB] UL Verification Services Inc.  
 [ISSUEDATE] 17-DEC-2020  
 [MANUFAC] WILLIAMS INDOOR  
 [OTHER] H.E. WILLIAMS, INC. - CARTHAGE, MO 64836  
 [LUMINAIRE] 8' SUSPENDED LINEAR DIRECT-INDIRECT  
 [MORE] WITH FROSTED ACRYLIC LENS  
 [LUMCAT] SDI5-8-P17-8TW-DMA-70U-30D-POE PR  
 [LAMPCAT] HLM 80 CRI, TUNEABLE 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	13340
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	131
Total Luminaire Watts	101.6
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)	8.00 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	4242	4394	4929
55	4292	4174	4514
65	4118	3496	3669
75	3423	2308	2306
85	1570	622	581

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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	893.738	893.738	893.738	893.738	893.738
0.5	903.933	894.871	890.340	892.983	890.214
1.0	903.933	894.997	890.718	893.612	890.969
1.5	904.059	895.249	891.221	894.745	892.102
2.0	904.059	895.500	892.102	896.130	893.738
2.5	904.185	895.752	893.235	897.892	895.878
3.0	904.311	896.256	894.493	900.157	898.521
3.5	904.436	896.759	896.004	902.674	901.668
4.0	904.562	897.262	897.640	905.569	905.192
4.5	904.688	897.892	899.654	908.716	908.967
5.0	904.940	898.773	901.793	912.366	913.247
5.5	905.066	899.528	904.059	916.142	917.904
6.0	905.317	900.409	906.576	920.421	923.064
6.5	905.569	901.416	909.219	924.826	928.476
7.0	905.821	902.549	912.114	929.609	934.266
7.5	906.199	903.555	915.135	934.769	940.181
8.0	906.576	904.814	918.407	940.055	946.600
8.5	907.080	906.073	921.805	945.593	948.110
9.0	907.457	907.457	925.329	946.852	955.033
9.5	907.961	908.842	929.105	952.767	961.703
10.0	908.464	910.226	933.007	958.808	969.003
10.5	908.842	911.736	936.909	965.227	976.177
11.0	909.345	913.247	941.062	972.024	979.072
11.5	909.974	914.883	945.215	977.310	987.001
12.0	910.478	916.519	949.621	981.086	994.930
12.5	911.107	918.281	949.998	988.260	1002.860
13.0	911.611	920.043	954.026	995.686	1011.167
13.5	912.240	921.805	958.808	1002.986	1019.725
14.0	912.617	923.693	963.591	1010.789	1028.409
14.5	913.121	925.455	968.626	1018.592	1037.597
15.0	913.624	927.343	971.394	1026.522	1046.533
15.5	914.128	929.231	975.422	1034.577	1055.847
16.0	914.631	931.245	979.450	1042.883	1065.161
16.5	915.135	933.133	984.862	1051.694	1074.978
17.0	915.512	935.021	990.399	1060.126	1084.418
17.5	915.890	936.909	995.686	1068.811	1093.983
18.0	916.267	938.922	1001.224	1077.873	1103.926
18.5	916.519	940.810	1006.761	1086.683	1114.247
19.0	916.771	942.698	1012.425	1095.745	1124.567
19.5	917.023	944.586	1017.711	1104.681	1134.636
20.0	917.148	946.348	1023.375	1113.366	1145.083
20.5	917.400	948.110	1028.661	1122.050	1155.277
21.0	917.400	949.872	1033.947	1130.609	1165.346
21.5	917.400	951.634	1039.359	1139.167	1175.793
22.0	917.400	953.270	1044.520	1147.600	1185.610
22.5	917.400	954.907	1049.554	1155.907	1195.427
23.0	917.274	956.417	1054.714	1163.962	1204.992
23.5	917.148	955.536	1059.371	1172.394	1213.928
24.0	916.897	954.403	1064.280	1180.198	1222.739
24.5	916.519	955.788	1068.937	1188.001	1231.423
25.0	916.267	957.046	1073.342	1195.679	1239.478
25.5	915.764	958.179	1078.125	1203.104	1247.911
26.0	915.261	959.186	1082.530	1210.278	1255.840
26.5	914.631	960.067	1086.683	1216.949	1263.643

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

27.0	914.002	960.948	1091.088	1223.494	1271.195
27.5	913.121	961.577	1094.612	1230.039	1278.747
28.0	912.240	962.207	1098.388	1236.332	1286.298
28.5	911.233	962.710	1101.912	1242.121	1292.592
29.0	909.974	962.836	1105.059	1247.785	1298.885
29.5	908.716	962.962	1107.954	1253.071	1305.178
30.0	907.331	962.962	1110.848	1258.231	1311.471
30.5	905.821	962.584	1112.988	1262.385	1316.505
31.0	904.185	962.332	1115.631	1267.419	1322.798
31.5	902.423	961.703	1117.519	1271.195	1327.833
32.0	900.535	961.074	1119.281	1274.971	1331.608
32.5	898.521	960.319	1120.666	1278.747	1336.643
33.0	896.381	959.312	1122.050	1281.264	1339.160
33.5	894.116	959.564	1123.057	1285.040	1342.936
34.0	891.725	959.186	1123.560	1286.298	1345.453
34.5	889.207	957.550	1124.064	1288.816	1347.970
35.0	886.564	955.914	1124.190	1290.074	1349.229
35.5	883.795	956.417	1124.064	1291.333	1350.488
36.0	880.900	954.403	1123.812	1291.333	1351.746
36.5	877.880	952.138	1123.057	1291.333	1353.005
37.0	874.733	949.746	1122.050	1291.333	1353.005
37.5	871.461	947.103	1120.917	1291.333	1353.005
38.0	867.937	944.209	1119.281	1290.074	1351.746
38.5	864.413	941.188	1117.645	1288.816	1350.488
39.0	860.637	937.915	1115.631	1287.557	1349.229
39.5	856.735	934.517	1113.240	1285.040	1347.970
40.0	852.582	930.867	1110.597	1282.523	1344.194
40.5	848.428	927.091	1107.576	1280.005	1341.677
41.0	844.149	923.190	1104.304	1276.230	1337.901
41.5	839.744	919.036	1101.031	1273.712	1334.126
42.0	835.213	914.631	1097.130	1268.678	1330.350
42.5	830.430	910.226	1092.976	1264.902	1325.315
43.0	825.522	905.569	1088.445	1259.868	1320.281
43.5	820.487	900.661	1083.662	1254.707	1315.246
44.0	815.201	895.626	1078.502	1248.918	1308.953
44.5	809.789	890.466	1073.216	1243.002	1302.660
45.0	804.377	885.054	1067.300	1236.458	1296.367
45.5	798.713	879.390	1061.511	1229.409	1288.816
46.0	792.924	873.601	1054.966	1222.361	1281.264
46.5	787.134	867.559	1048.547	1215.061	1273.712
47.0	780.967	861.392	1041.625	1207.132	1264.902
47.5	774.800	854.847	1034.451	1198.951	1256.344
48.0	768.507	848.303	1027.151	1190.267	1247.533
48.5	761.962	841.380	1019.473	1181.330	1238.345
49.0	755.417	834.332	1011.796	1172.143	1228.402
49.5	748.495	827.158	1003.363	1162.451	1218.711
50.0	741.698	819.732	994.930	1152.508	1208.013
50.5	734.524	812.180	986.246	1142.439	1197.315
51.0	727.350	804.503	977.310	1131.993	1186.113
51.5	720.050	796.574	969.381	1121.043	1174.408
52.0	712.624	788.393	963.214	1109.716	1162.451
52.5	704.947	780.086	953.396	1098.388	1150.243
53.0	697.269	771.653	947.984	1086.557	1137.657
53.5	689.466	763.095	937.412	1074.475	1124.567
54.0	681.411	754.284	926.714	1061.763	1111.352
54.5	673.356	745.474	915.890	1049.177	1097.507

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55.0	665.175	736.412	904.688	1036.087	1083.537
55.5	656.742	727.350	893.361	1022.620	1069.440
56.0	648.058	718.036	881.782	1009.027	1054.714
56.5	639.248	708.471	870.076	995.308	1040.240
57.0	630.563	698.654	858.120	984.736	1025.641
57.5	621.627	688.837	846.037	971.394	1010.663
58.0	612.439	678.768	833.577	956.669	995.056
58.5	603.377	668.573	820.865	941.691	984.610
59.0	594.189	658.127	808.027	927.595	969.003
59.5	585.253	647.554	794.937	916.142	953.019
60.0	576.065	636.856	781.848	900.409	936.783
60.5	566.878	626.158	768.381	884.802	920.673
61.0	557.690	615.586	754.914	868.944	908.842
61.5	548.250	604.888	741.069	852.959	891.976
62.0	538.433	594.063	727.350	836.849	874.859
62.5	528.238	583.114	713.505	820.487	857.490
63.0	518.043	572.038	699.409	803.999	840.247
63.5	507.723	560.836	685.438	787.512	822.375
64.0	497.276	549.509	671.342	770.898	804.629
64.5	486.830	538.055	657.246	754.410	787.008
65.0	476.258	526.602	643.149	737.922	769.514
65.5	465.559	515.023	628.927	721.183	751.767
66.0	454.861	503.318	614.453	704.695	734.021
66.5	444.037	491.487	599.853	688.082	716.400
67.0	433.213	479.530	585.253	671.216	698.654
67.5	422.137	467.447	570.527	654.099	680.656
68.0	411.062	455.239	555.802	636.730	662.532
68.5	399.860	442.779	540.698	618.984	644.030
69.0	388.533	430.444	525.218	601.112	625.403
69.5	377.205	417.984	509.737	583.114	606.524
70.0	365.752	405.398	494.004	564.990	587.770
70.5	354.298	392.686	478.271	546.614	568.765
71.0	342.719	379.974	462.539	528.364	549.760
71.5	331.140	367.136	446.554	510.114	530.755
72.0	319.435	354.173	430.570	491.739	511.750
72.5	307.604	341.083	414.460	473.363	492.997
73.0	295.773	328.119	398.601	455.239	474.118
73.5	284.068	315.156	382.743	437.241	455.239
74.0	272.237	302.444	367.136	419.243	436.486
74.5	260.784	289.732	351.530	401.496	417.732
75.0	249.205	277.020	336.049	383.624	399.105
75.5	237.751	264.308	320.694	365.878	380.226
76.0	226.172	251.596	305.339	348.257	361.850
76.5	214.719	239.010	290.361	330.888	343.474
77.0	203.391	226.550	275.384	313.645	325.350
77.5	192.190	214.215	260.658	296.528	307.478
78.0	180.988	202.007	245.932	279.537	289.858
78.5	169.786	189.924	231.206	262.798	272.363
79.0	158.836	177.841	216.732	246.310	254.994
79.5	148.012	166.136	202.258	229.948	238.003
80.0	137.440	154.431	188.288	213.838	221.515
80.5	126.994	143.104	174.317	198.231	205.279
81.0	116.673	131.776	160.599	182.876	189.295
81.5	106.478	120.701	147.257	167.773	173.688
82.0	96.409	109.877	134.042	152.921	158.459
82.5	87.347	99.178	121.204	138.573	143.481

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83.0	78.160	88.858	108.744	124.728	129.133
83.5	69.098	78.915	96.787	111.387	115.163
84.0	60.162	69.349	85.334	98.297	101.570
84.5	51.603	60.162	74.384	85.837	88.606
85.0	43.548	51.225	63.937	74.006	76.146
85.5	35.744	42.793	54.120	62.805	64.441
86.0	28.445	34.863	45.058	52.484	53.491
86.5	21.522	27.689	36.626	43.044	43.548
87.0	15.229	21.019	29.074	34.486	34.234
87.5	9.817	15.229	22.403	26.431	25.676
88.0	5.160	10.195	15.984	19.257	18.502
88.5	1.259	6.041	10.824	13.971	14.222
89.0	0.000	3.524	7.552	10.446	10.446
89.5	0.000	1.636	5.538	8.181	7.048
90.0	0.000	2.895	6.167	8.810	7.174
90.5	0.000	5.915	7.929	7.803	7.426
91.0	1.259	11.202	14.600	14.222	13.971
91.5	4.279	17.495	22.277	23.410	22.277
92.0	7.803	24.165	30.081	32.220	31.591
92.5	12.083	31.717	38.388	40.527	39.772
93.0	16.991	45.184	46.065	49.589	48.834
93.5	22.529	72.748	53.365	58.022	57.896
94.0	28.445	103.584	61.672	66.077	66.077
94.5	34.863	139.957	70.986	74.384	74.384
95.0	41.912	189.295	81.810	83.823	83.446
95.5	49.337	235.486	95.277	94.396	93.515
96.0	57.267	271.104	124.728	106.227	104.842
96.5	65.825	313.142	187.533	119.190	117.177
97.0	74.887	359.962	266.573	133.035	130.644
97.5	84.327	398.350	350.019	152.166	144.866
98.0	93.263	430.444	456.498	199.741	160.473
98.5	103.332	461.154	585.631	286.963	196.091
99.0	113.778	500.045	714.009	384.505	274.377
99.5	124.854	540.698	802.741	484.061	378.715
100.0	136.181	573.171	876.244	612.313	480.033
100.5	147.635	606.398	941.314	779.960	594.063
101.0	159.466	635.723	1002.356	969.632	749.124
101.5	171.548	667.944	1069.063	1149.110	944.083
102.0	184.009	698.906	1123.560	1272.454	1165.094
102.5	196.721	725.840	1180.072	1371.884	1354.263
103.0	209.810	753.403	1245.645	1463.762	1480.124
103.5	223.026	781.470	1305.178	1539.279	1587.106
104.0	236.367	810.041	1346.712	1602.209	1682.760
104.5	249.834	841.632	1375.660	1670.174	1755.760
105.0	263.679	875.111	1412.159	1740.656	1813.656
105.5	277.397	905.947	1459.987	1799.811	1876.586
106.0	291.242	935.902	1510.331	1856.448	1947.068
106.5	305.213	965.353	1559.417	1919.379	2009.999
107.0	319.309	993.043	1600.951	1983.568	2064.119
107.5	333.154	1019.096	1634.933	2033.912	2120.756
108.0	346.747	1044.897	1661.364	2071.671	2184.945
108.5	360.466	1068.433	1689.053	2101.877	2244.100
109.0	374.184	1090.711	1720.519	2133.342	2290.668
109.5	388.029	1112.485	1759.535	2171.101	2327.168
110.0	401.496	1134.133	1798.552	2212.635	2357.375
110.5	414.712	1155.781	1832.535	2252.910	2388.840

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

111.0	427.675	1177.051	1857.707	2293.186	2422.822
111.5	440.639	1198.070	1881.621	2329.685	2460.581
112.0	453.729	1217.830	1905.534	2363.668	2497.080
112.5	467.070	1236.961	1929.448	2390.099	2532.321
113.0	480.411	1255.463	1953.361	2411.495	2563.787
113.5	493.626	1272.454	1976.016	2432.891	2592.735
114.0	506.590	1288.816	1998.671	2454.288	2615.390
114.5	519.302	1305.178	2018.809	2480.718	2635.527
115.0	532.014	1321.540	2042.722	2510.925	2651.889
115.5	544.726	1336.643	2067.895	2539.873	2669.510
116.0	557.060	1351.746	2091.808	2562.528	2689.648
116.5	569.017	1365.591	2115.722	2580.149	2716.078
117.0	580.722	1379.436	2138.377	2595.252	2742.509
117.5	592.301	1390.763	2158.515	2611.614	2766.423
118.0	604.006	1402.090	2178.652	2626.717	2782.785
118.5	615.460	1413.418	2196.273	2643.079	2794.112
119.0	626.661	1423.487	2212.635	2658.182	2806.698
119.5	637.611	1432.297	2227.738	2672.027	2819.284
120.0	648.058	1441.107	2239.066	2685.872	2833.129
120.5	658.127	1447.400	2250.393	2697.199	2844.456
121.0	667.818	1454.952	2259.203	2708.527	2855.784
121.5	677.258	1461.245	2268.014	2721.113	2864.594
122.0	686.571	1467.538	2274.307	2732.440	2873.404
122.5	695.885	1472.573	2279.341	2743.768	2880.956
123.0	705.073	1477.607	2283.117	2753.837	2888.508
123.5	714.009	1483.900	2286.893	2761.388	2896.059
124.0	722.693	1487.676	2289.410	2768.940	2904.870
124.5	731.126	1491.452	2291.927	2775.233	2912.421
125.0	739.559	1493.969	2293.186	2780.267	2918.714
125.5	747.866	1496.486	2294.444	2784.043	2925.007
126.0	756.046	1499.003	2295.703	2786.560	2930.042
126.5	764.227	1499.003	2296.962	2789.078	2932.559
127.0	772.157	1500.262	2296.962	2789.078	2935.076
127.5	779.834	1500.262	2296.962	2787.819	2936.335
128.0	787.134	1500.262	2296.962	2786.560	2935.076
128.5	794.182	1499.003	2295.703	2784.043	2935.076
129.0	801.105	1497.745	2294.444	2780.267	2932.559
129.5	807.775	1496.486	2291.927	2776.492	2928.783
130.0	814.320	1495.228	2289.410	2771.457	2923.749
130.5	820.487	1495.228	2285.634	2765.164	2918.714
131.0	826.529	1492.710	2281.858	2758.871	2912.421
131.5	832.444	1491.452	2275.565	2751.319	2904.870
132.0	838.234	1488.935	2270.531	2745.026	2897.318
132.5	843.772	1487.676	2264.238	2736.216	2888.508
133.0	849.058	1486.417	2256.686	2727.406	2879.698
133.5	854.344	1483.900	2249.134	2718.596	2869.629
134.0	859.378	1481.383	2240.324	2708.527	2859.560
134.5	864.287	1478.866	2231.514	2698.458	2848.232
135.0	868.944	1476.348	2222.704	2687.130	2836.905
135.5	873.349	1473.831	2213.893	2675.803	2824.319
136.0	877.502	1470.055	2203.824	2664.475	2811.733
136.5	881.656	1465.021	2192.497	2651.889	2799.147
137.0	885.683	1461.245	2182.428	2639.303	2785.302
137.5	889.585	1456.211	2172.359	2626.717	2771.457
138.0	893.361	1451.176	2161.032	2612.872	2756.354
138.5	897.011	1446.142	2149.704	2599.028	2741.251

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

139.0	900.409	1439.849	2137.118	2585.183	2726.147
139.5	903.681	1433.556	2124.532	2570.080	2709.785
140.0	906.828	1427.263	2111.946	2554.976	2692.165
140.5	909.723	1420.970	2099.360	2538.614	2675.803
141.0	912.617	1414.677	2085.515	2522.253	2658.182
141.5	915.261	1407.125	2071.671	2504.632	2639.303
142.0	917.652	1398.315	2057.826	2487.011	2621.683
142.5	920.043	1390.763	2043.981	2469.391	2602.804
143.0	922.309	1383.211	2028.878	2451.770	2583.924
143.5	924.448	1374.401	2015.033	2432.891	2565.045
144.0	926.462	1365.591	1998.671	2414.012	2546.166
144.5	928.350	1358.039	1982.309	2395.133	2526.028
145.0	930.238	1349.229	1967.206	2374.995	2505.891
145.5	932.126	1341.677	1950.844	2354.858	2487.011
146.0	933.888	1332.867	1933.224	2335.978	2466.874
146.5	935.398	1324.057	1916.862	2314.582	2445.477
147.0	936.909	1315.246	1900.500	2294.444	2424.081
147.5	938.419	1306.436	1884.138	2273.048	2401.426
148.0	939.929	1297.626	1866.517	2252.910	2380.030
148.5	941.188	1288.816	1850.155	2230.255	2356.116
149.0	942.572	1280.005	1833.793	2208.859	2333.461
149.5	943.831	1271.195	1816.173	2187.463	2309.548
150.0	944.838	1261.126	1798.552	2164.808	2285.634
150.5	945.971	1252.819	1780.932	2142.153	2261.720
151.0	946.977	1243.632	1764.570	2119.498	2236.548
151.5	947.984	1234.695	1746.949	2096.843	2212.635
152.0	948.991	1225.885	1728.070	2072.929	2187.463
152.5	949.998	1216.949	1710.450	2050.274	2161.032
153.0	951.131	1208.516	1692.829	2026.361	2134.601
153.5	952.264	1199.706	1673.950	2002.447	2108.170
154.0	953.396	1191.148	1656.330	1978.533	2081.739
154.5	954.529	1182.589	1637.450	1953.361	2055.309
155.0	955.536	1174.282	1618.571	1929.448	2027.619
155.5	956.543	1165.850	1599.692	1904.276	2001.188
156.0	957.424	1157.794	1580.813	1879.103	1973.499
156.5	958.305	1150.243	1561.934	1853.931	1945.810
157.0	959.312	1142.565	1541.796	1828.759	1919.379
157.5	960.445	1135.391	1521.658	1802.328	1891.689
158.0	961.326	1128.091	1501.521	1777.156	1864.000
158.5	962.207	1121.043	1481.383	1751.984	1837.569
159.0	963.214	1114.121	1462.504	1725.553	1809.880
159.5	963.969	1107.324	1442.366	1700.381	1782.190
160.0	964.976	1100.905	1422.228	1673.950	1753.242
160.5	965.857	1094.361	1402.090	1647.519	1725.553
161.0	966.863	1088.068	1381.953	1621.088	1697.864
161.5	967.745	1081.649	1363.074	1594.658	1670.174
162.0	968.500	1075.607	1342.936	1568.227	1642.485
162.5	969.381	1069.818	1322.798	1541.796	1613.537
163.0	970.136	1064.280	1303.919	1515.365	1584.589
163.5	970.891	1058.616	1283.781	1488.935	1555.641
164.0	971.646	1053.204	1264.902	1461.245	1526.693
164.5	972.401	1048.170	1246.401	1434.814	1497.745
165.0	973.157	1043.513	1228.025	1408.384	1470.055
165.5	973.912	1038.856	1210.153	1381.953	1441.107
166.0	974.667	1034.451	1193.161	1355.522	1412.159
166.5	975.548	1030.172	1176.170	1330.350	1384.470

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

167.0	976.177	1026.144	1160.060	1303.919	1355.522
167.5	976.932	1022.116	1144.957	1278.747	1327.833
168.0	977.562	1018.089	1130.357	1254.078	1300.143
168.5	978.191	1014.187	1116.638	1229.913	1272.454
169.0	978.820	1010.663	1103.674	1206.251	1245.771
169.5	979.450	1007.391	1090.836	1183.974	1219.970
170.0	979.953	1004.118	1078.754	1162.703	1195.049
170.5	980.456	1001.349	1067.175	1142.817	1171.765
171.0	980.834	998.329	1056.476	1124.693	1149.614
171.5	981.212	995.434	1046.408	1107.576	1128.846
172.0	981.337	992.917	1037.346	1091.340	1110.597
172.5	981.463	990.525	1029.039	1075.859	1092.724
173.0	981.589	988.260	1021.235	1061.888	1075.985
173.5	981.715	986.246	1013.935	1048.925	1060.882
174.0	981.841	984.106	1007.013	1036.716	1046.659
174.5	981.841	982.219	1000.846	1026.522	1033.947
175.0	981.841	980.582	995.056	1016.956	1022.368
175.5	981.841	978.946	990.148	1008.272	1012.048
176.0	981.715	977.562	985.743	1000.342	1002.986
176.5	981.589	976.429	981.589	993.546	994.805
177.0	981.337	975.296	978.191	987.505	987.756
177.5	981.212	974.289	975.170	982.470	982.093
178.0	981.086	973.534	972.905	978.820	977.436
178.5	981.086	973.157	971.143	975.422	973.786
179.0	980.960	972.779	969.758	973.408	971.269
179.5	980.960	972.401	969.129	972.150	969.758
180.0	972.024	972.024	972.024	972.024	972.024



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

Zone	Lumens	%Lamp	%Fixt
0-20	366.16	N.A.	2.70
0-30	864.50	N.A.	6.50
0-40	1566.39	N.A.	11.70
0-60	3173.47	N.A.	23.80
0-80	4147.59	N.A.	31.10
0-90	4226.39	N.A.	31.70
10-90	4138.98	N.A.	31.00
20-40	1200.23	N.A.	9.00
20-50	2015.93	N.A.	15.10
40-70	2231.55	N.A.	16.70
60-80	974.12	N.A.	7.30
70-80	349.65	N.A.	2.60
80-90	78.79	N.A.	0.60
90-110	1469.62	N.A.	11.00
90-120	3310.02	N.A.	24.80
90-130	5182.74	N.A.	38.90
90-150	7939.37	N.A.	59.50
90-180	9113.55	N.A.	68.30
110-180	7643.92	N.A.	57.30
0-180	13339.93	N.A.	100.00

Total Luminaire Efficiency = N.A.%

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	87.40
10-20	278.76
20-30	498.34
30-40	701.89
40-50	815.70
50-60	791.38
60-70	624.47
70-80	349.65
80-90	78.79
90-100	180.04
100-110	1289.58
110-120	1840.4
120-130	1872.72
130-140	1591.62
140-150	1165.01
150-160	723.07
160-170	353.11
170-180	97.99

# IES INDOOR REPORT

PHOTOMETRIC FILENAME : SDI5-8-P17-8TW-DMA-70U-30D-POE PR\_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 : SDI5-8-P17-8TW-DMA-70U-30D-POE PR\_4000K.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

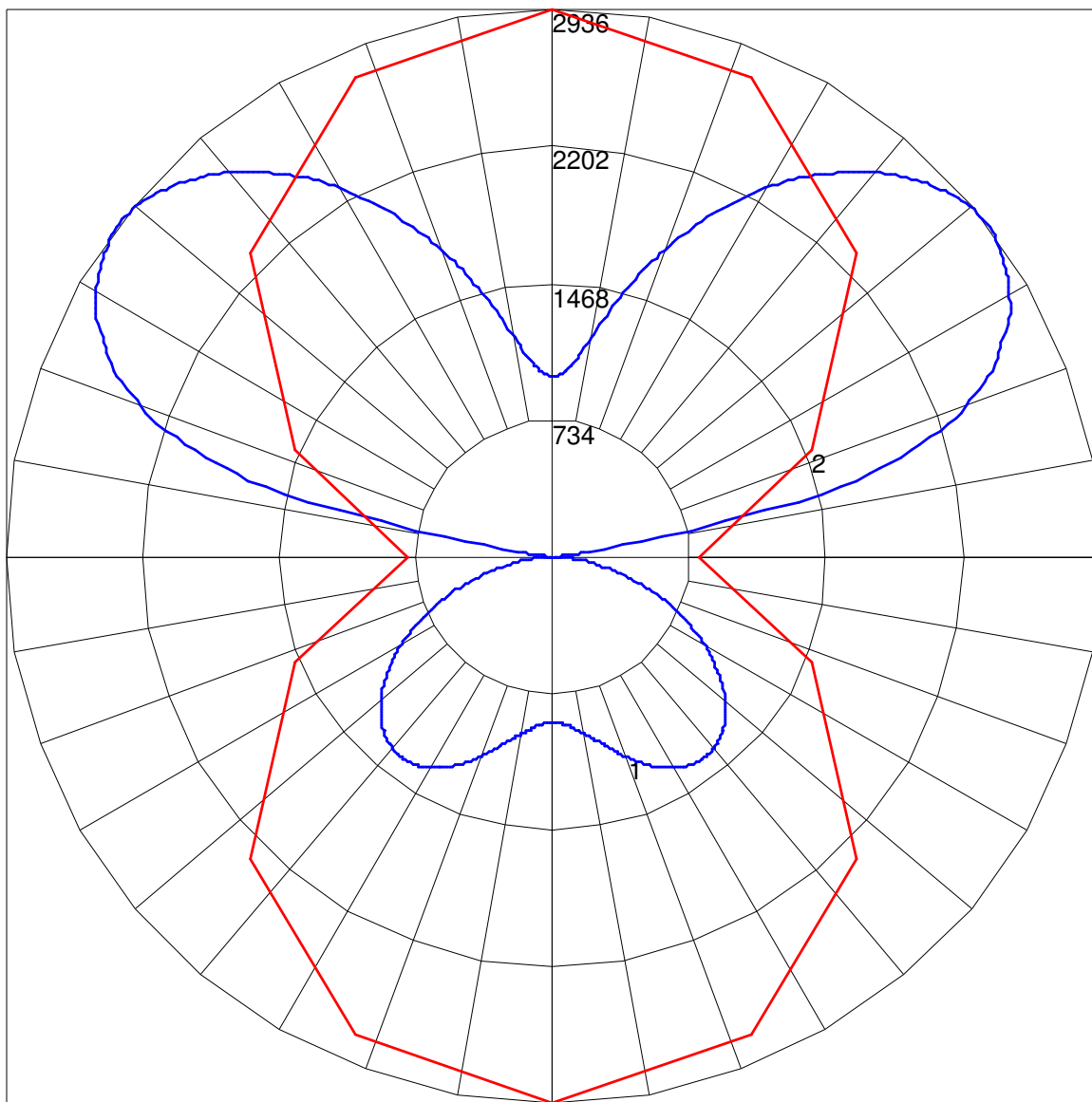
X=2H	Y=2H	10.0	10.8	11.1	11.9	13.4	13.5	14.3	14.6	15.4	16.9
	3H	11.5	12.1	12.6	13.2	14.8	15.4	16.1	16.5	17.2	18.7
	4H	11.9	12.5	13.0	13.6	15.2	16.0	16.7	17.1	17.8	19.3
	6H	12.1	12.7	13.2	13.8	15.3	16.4	17.0	17.5	18.1	19.6
	8H	12.1	12.7	13.2	13.8	15.3	16.5	17.0	17.6	18.2	19.7
	12H	12.1	12.6	13.2	13.7	15.3	16.5	17.0	17.6	18.2	19.7

### UGR Viewed Endwise

4H	2H	11.0	11.6	12.1	12.7	14.3	13.8	14.4	14.9	15.5	17.0
	3H	12.6	13.1	13.7	14.2	15.8	15.8	16.3	16.9	17.5	19.0
	4H	13.0	13.5	14.2	14.6	16.2	16.5	17.0	17.6	18.1	19.7
	6H	13.3	13.7	14.4	14.9	16.4	17.0	17.4	18.1	18.6	20.1
	8H	13.3	13.7	14.5	14.8	16.4	17.1	17.5	18.3	18.7	20.2
	12H	13.3	13.6	14.4	14.8	16.4	17.2	17.5	18.3	18.7	20.2
8H	4H	13.4	13.8	14.5	14.9	16.5	16.5	16.9	17.7	18.1	19.6
	6H	13.7	14.1	14.9	15.2	16.8	17.1	17.4	18.3	18.6	20.2
	8H	13.8	14.1	15.0	15.2	16.8	17.3	17.5	18.4	18.7	20.3
	12H	13.8	14.0	15.0	15.2	16.8	17.3	17.6	18.5	18.7	20.4
12H	4H	13.4	13.8	14.6	14.9	16.5	16.5	16.8	17.6	18.0	19.6
	6H	13.8	14.1	14.9	15.2	16.8	17.1	17.3	18.2	18.5	20.1
	8H	13.9	14.1	15.0	15.3	16.9	17.2	17.5	18.4	18.6	20.3

Maximum UGR = 20.4

POLAR GRAPH



Maximum Candela = 2936.335 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.)