



IES INDOOR REPORT

PHOTOMETRIC FILENAME : SDI5-8-P8-8TW-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-P8-8TW-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	6274
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	133
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)	8.00 ft
Luminous Width (90-270)	0.67 ft
Luminous Height	0.15 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	1059	1225	1426
55	1071	1206	1364
65	1028	1061	1175
75	854	757	804
85	392	238	236

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-8-P8-8TW-DMA-70U-30D-POE PR_4000K.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	420.338	420.338	420.338	420.338	420.338
0.5	425.133	420.871	418.740	419.983	418.681
1.0	425.133	420.930	418.918	420.279	419.036
1.5	425.192	421.049	419.155	420.812	419.569
2.0	425.192	421.167	419.569	421.463	420.338
2.5	425.252	421.286	420.102	422.292	421.345
3.0	425.311	421.522	420.694	423.357	422.588
3.5	425.370	421.759	421.404	424.541	424.068
4.0	425.429	421.996	422.173	425.903	425.725
4.5	425.488	422.292	423.121	427.383	427.501
5.0	425.607	422.706	424.127	429.099	429.514
5.5	425.666	423.061	425.192	430.875	431.704
6.0	425.784	423.476	426.376	432.888	434.131
6.5	425.903	423.949	427.619	434.959	436.676
7.0	426.021	424.482	428.981	437.209	439.399
7.5	426.199	424.956	430.401	439.636	442.181
8.0	426.376	425.548	431.941	442.122	445.200
8.5	426.613	426.139	433.539	444.726	445.910
9.0	426.791	426.791	435.196	445.318	449.166
9.5	427.027	427.442	436.972	448.101	452.303
10.0	427.264	428.093	438.807	450.942	455.737
10.5	427.442	428.803	440.642	453.961	459.111
11.0	427.679	429.514	442.595	457.157	460.472
11.5	427.975	430.283	444.549	459.643	464.201
12.0	428.211	431.053	446.621	461.419	467.931
12.5	428.507	431.881	446.798	464.793	471.660
13.0	428.744	432.710	448.692	468.286	475.567
13.5	429.040	433.539	450.942	471.719	479.592
14.0	429.218	434.427	453.191	475.389	483.676
14.5	429.454	435.255	455.559	479.059	487.997
15.0	429.691	436.143	456.861	482.788	492.200
15.5	429.928	437.031	458.756	486.577	496.581
16.0	430.165	437.978	460.650	490.484	500.961
16.5	430.401	438.866	463.195	494.627	505.578
17.0	430.579	439.754	465.800	498.593	510.018
17.5	430.757	440.642	468.286	502.678	514.517
18.0	430.934	441.589	470.890	506.940	519.193
18.5	431.053	442.477	473.495	511.083	524.047
19.0	431.171	443.365	476.159	515.345	528.901
19.5	431.289	444.253	478.645	519.548	533.636
20.0	431.349	445.082	481.309	523.632	538.549
20.5	431.467	445.910	483.795	527.717	543.344
21.0	431.467	446.739	486.281	531.742	548.080
21.5	431.467	447.568	488.826	535.767	552.993
22.0	431.467	448.337	491.253	539.733	557.610
22.5	431.467	449.107	493.621	543.640	562.227
23.0	431.408	449.817	496.048	547.429	566.726
23.5	431.349	449.403	498.238	551.395	570.929
24.0	431.230	448.870	500.547	555.065	575.072
24.5	431.053	449.521	502.737	558.735	579.157
25.0	430.934	450.113	504.809	562.345	582.945
25.5	430.697	450.646	507.058	565.838	586.911
26.0	430.461	451.119	509.130	569.212	590.640
26.5	430.165	451.534	511.083	572.349	594.310

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-8-P8-8TW-DMA-70U-30D-POE PR_4000K.IES****CANDELA TABULATION - (Cont.)**

27.0	429.869	451.948	513.155	575.427	597.862
27.5	429.454	452.244	514.812	578.506	601.414
28.0	429.040	452.540	516.588	581.465	604.965
28.5	428.566	452.777	518.246	584.188	607.925
29.0	427.975	452.836	519.726	586.852	610.885
29.5	427.383	452.895	521.087	589.338	613.844
30.0	426.731	452.895	522.449	591.765	616.804
30.5	426.021	452.718	523.455	593.718	619.172
31.0	425.252	452.599	524.698	596.086	622.132
31.5	424.423	452.303	525.586	597.862	624.499
32.0	423.535	452.007	526.415	599.638	626.275
32.5	422.588	451.652	527.066	601.414	628.643
33.0	421.582	451.179	527.717	602.598	629.827
33.5	420.516	451.297	528.190	604.373	631.603
34.0	419.391	451.119	528.427	604.965	632.787
34.5	418.207	450.350	528.664	606.149	633.971
35.0	416.964	449.580	528.723	606.741	634.562
35.5	415.662	449.817	528.664	607.333	635.154
36.0	414.301	448.870	528.546	607.333	635.746
36.5	412.880	447.805	528.190	607.333	636.338
37.0	411.400	446.680	527.717	607.333	636.338
37.5	409.861	445.437	527.184	607.333	636.338
38.0	408.204	444.075	526.415	606.741	635.746
38.5	406.546	442.655	525.645	606.149	635.154
39.0	404.770	441.116	524.698	605.557	634.562
39.5	402.935	439.517	523.573	604.373	633.971
40.0	400.982	437.801	522.330	603.190	632.195
40.5	399.029	436.025	520.909	602.006	631.011
41.0	397.016	434.190	519.370	600.230	629.235
41.5	394.944	432.236	517.831	599.046	627.459
42.0	392.813	430.165	515.996	596.678	625.683
42.5	390.564	428.093	514.043	594.902	623.316
43.0	388.255	425.903	511.912	592.535	620.948
43.5	385.887	423.594	509.663	590.108	618.580
44.0	383.401	421.226	507.236	587.385	615.620
44.5	380.856	418.799	504.749	584.603	612.661
45.0	378.311	416.254	501.967	581.524	609.701
45.5	375.647	413.590	499.244	578.210	606.149
46.0	372.924	410.867	496.166	574.895	602.598
46.5	370.201	408.026	493.147	571.461	599.046
47.0	367.300	405.126	489.892	567.732	594.902
47.5	364.400	402.047	486.518	563.885	590.877
48.0	361.440	398.969	483.084	559.800	586.734
48.5	358.362	395.714	479.474	555.597	582.412
49.0	355.284	392.399	475.863	551.276	577.736
49.5	352.028	389.025	471.897	546.718	573.178
50.0	348.832	385.532	467.931	542.042	568.147
50.5	345.458	381.981	463.846	537.306	563.115
51.0	342.084	378.370	459.643	532.393	557.847
51.5	338.650	374.640	455.914	527.243	552.342
52.0	335.158	370.793	453.014	521.916	546.718
52.5	331.547	366.886	448.397	516.588	540.976
53.0	327.936	362.920	445.851	511.024	535.057
53.5	324.266	358.895	440.879	505.341	528.901
54.0	320.478	354.751	435.847	499.363	522.685
54.5	316.689	350.608	430.757	493.443	516.174

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55.0	312.842	346.346	425.488	487.287	509.603
55.5	308.876	342.084	420.161	480.953	502.974
56.0	304.791	337.703	414.715	474.560	496.048
56.5	300.648	333.204	409.210	468.108	489.241
57.0	296.563	328.587	403.586	463.136	482.374
57.5	292.360	323.970	397.904	456.861	475.330
58.0	288.039	319.235	392.044	449.936	467.990
58.5	283.777	314.440	386.065	442.891	463.077
59.0	279.456	309.527	380.027	436.262	455.737
59.5	275.253	304.554	373.871	430.875	448.219
60.0	270.932	299.523	367.715	423.476	440.583
60.5	266.611	294.491	361.381	416.136	433.006
61.0	262.290	289.519	355.047	408.677	427.442
61.5	257.850	284.488	348.536	401.160	419.510
62.0	253.233	279.397	342.084	393.583	411.459
62.5	248.438	274.247	335.572	385.887	403.290
63.0	243.644	269.038	328.943	378.133	395.181
63.5	238.790	263.770	322.372	370.378	386.775
64.0	233.877	258.442	315.742	362.565	378.429
64.5	228.963	253.055	309.112	354.810	370.142
65.0	223.991	247.669	302.483	347.056	361.914
65.5	218.960	242.223	295.794	339.183	353.567
66.0	213.928	236.718	288.986	331.429	345.221
66.5	208.837	231.154	282.120	323.615	336.934
67.0	203.747	225.530	275.253	315.683	328.587
67.5	198.538	219.847	268.328	307.633	320.123
68.0	193.328	214.106	261.402	299.464	311.599
68.5	188.060	208.245	254.299	291.117	302.897
69.0	182.733	202.444	247.018	282.712	294.136
69.5	177.405	196.584	239.737	274.247	285.257
70.0	172.019	190.665	232.337	265.723	276.437
70.5	166.632	184.686	224.938	257.081	267.499
71.0	161.186	178.707	217.539	248.498	258.561
71.5	155.740	172.670	210.021	239.914	249.622
72.0	150.235	166.573	202.504	231.272	240.684
72.5	144.671	160.416	194.927	222.630	231.864
73.0	139.107	154.319	187.468	214.106	222.985
73.5	133.601	148.222	180.010	205.641	214.106
74.0	128.037	142.244	172.670	197.176	205.286
74.5	122.651	136.265	165.330	188.830	196.466
75.0	117.205	130.287	158.049	180.424	187.705
75.5	111.818	124.308	150.827	172.078	178.826
76.0	106.372	118.329	143.605	163.791	170.183
76.5	100.985	112.410	136.561	155.622	161.541
77.0	95.658	106.550	129.517	147.512	153.017
77.5	90.390	100.749	122.591	139.462	144.612
78.0	85.121	95.007	115.666	131.470	136.324
78.5	79.853	89.324	108.740	123.598	128.096
79.0	74.703	83.641	101.933	115.843	119.928
79.5	69.612	78.136	95.125	108.148	111.936
80.0	64.640	72.631	88.555	100.571	104.182
80.5	59.727	67.304	81.984	93.231	96.546
81.0	54.873	61.976	75.532	86.009	89.028
81.5	50.078	56.767	69.257	78.906	81.688
82.0	45.343	51.677	63.042	71.921	74.526
82.5	41.081	46.645	57.004	65.173	67.481

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-8-P8-8TW-DMA-70U-30D-POE PR_4000K.IES****CANDELA TABULATION - (Cont.)**

83.0	36.760	41.791	51.144	58.662	60.733
83.5	32.498	37.115	45.520	52.387	54.163
84.0	28.295	32.616	40.134	46.231	47.770
84.5	24.270	28.295	34.984	40.370	41.673
85.0	20.481	24.092	30.071	34.806	35.813
85.5	16.811	20.126	25.454	29.538	30.307
86.0	13.378	16.397	21.192	24.684	25.158
86.5	10.122	13.023	17.226	20.244	20.481
87.0	7.163	9.885	13.674	16.219	16.101
87.5	4.617	7.163	10.537	12.431	12.076
88.0	2.427	4.795	7.518	9.057	8.702
88.5	0.592	2.841	5.091	6.571	6.689
89.0	0.000	1.657	3.552	4.913	4.913
89.5	0.000	0.770	2.605	3.848	3.315
90.0	0.000	1.361	2.901	4.144	3.374
90.5	0.000	2.782	3.729	3.670	3.492
91.0	0.592	5.268	6.867	6.689	6.571
91.5	2.013	8.228	10.477	11.010	10.477
92.0	3.670	11.365	14.147	15.154	14.858
92.5	5.683	14.917	18.054	19.061	18.705
93.0	7.991	21.251	21.665	23.323	22.967
93.5	10.596	34.214	25.098	27.289	27.229
94.0	13.378	48.717	29.005	31.077	31.077
94.5	16.397	65.824	33.386	34.984	34.984
95.0	19.712	89.028	38.476	39.423	39.246
95.5	23.204	110.752	44.810	44.396	43.981
96.0	26.933	127.504	58.662	49.960	49.309
96.5	30.959	147.275	88.199	56.057	55.110
97.0	35.221	169.296	125.373	62.568	61.444
97.5	39.660	187.350	164.619	71.566	68.133
98.0	43.863	202.444	214.698	93.941	75.473
98.5	48.598	216.888	275.431	134.963	92.225
99.0	53.512	235.179	335.809	180.838	129.043
99.5	58.721	254.299	377.541	227.661	178.116
100.0	64.048	269.571	412.110	287.980	225.767
100.5	69.435	285.198	442.714	366.827	279.397
101.0	74.999	298.990	471.423	456.033	352.324
101.5	80.682	314.144	502.796	540.444	444.016
102.0	86.542	328.706	528.427	598.454	547.961
102.5	92.521	341.373	555.005	645.217	636.930
103.0	98.677	354.337	585.846	688.429	696.125
103.5	104.892	367.537	613.844	723.946	746.440
104.0	111.167	380.974	633.379	753.543	791.427
104.5	117.501	395.832	646.993	785.508	825.760
105.0	124.012	411.578	664.160	818.657	852.989
105.5	130.464	426.080	686.653	846.478	882.586
106.0	136.976	440.169	710.331	873.115	915.735
106.5	143.546	454.020	733.417	902.712	945.332
107.0	150.176	467.043	752.951	932.902	970.786
107.5	156.687	479.296	768.933	956.579	997.423
108.0	163.080	491.431	781.364	974.338	1027.612
108.5	169.532	502.500	794.387	988.544	1055.434
109.0	175.985	512.977	809.186	1003.343	1077.336
109.5	182.496	523.218	827.536	1021.101	1094.502
110.0	188.830	533.399	845.886	1040.635	1108.709
110.5	195.045	543.581	861.868	1059.577	1123.507

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111.0	201.142	553.585	873.707	1078.519	1139.490
111.5	207.239	563.470	884.954	1095.686	1157.248
112.0	213.395	572.764	896.201	1111.668	1174.414
112.5	219.670	581.761	907.448	1124.099	1190.989
113.0	225.944	590.463	918.695	1134.162	1205.787
113.5	232.160	598.454	929.350	1144.225	1219.402
114.0	238.257	606.149	940.005	1154.288	1230.057
114.5	244.236	613.844	949.476	1166.719	1239.528
115.0	250.214	621.540	960.723	1180.926	1247.223
115.5	256.193	628.643	972.562	1194.540	1255.510
116.0	261.994	635.746	983.809	1205.195	1264.981
116.5	267.617	642.258	995.056	1213.482	1277.412
117.0	273.122	648.769	1005.710	1220.586	1289.843
117.5	278.568	654.097	1015.182	1228.281	1301.090
118.0	284.073	659.424	1024.653	1235.384	1308.785
118.5	289.460	664.752	1032.940	1243.079	1314.113
119.0	294.728	669.487	1040.635	1250.183	1320.032
119.5	299.878	673.631	1047.738	1256.694	1325.951
120.0	304.791	677.774	1053.066	1263.206	1332.463
120.5	309.527	680.734	1058.393	1268.533	1337.790
121.0	314.085	684.286	1062.537	1273.860	1343.118
121.5	318.524	687.245	1066.681	1279.780	1347.261
122.0	322.905	690.205	1069.640	1285.107	1351.405
122.5	327.285	692.573	1072.008	1290.435	1354.957
123.0	331.606	694.941	1073.784	1295.170	1358.508
123.5	335.809	697.900	1075.560	1298.722	1362.060
124.0	339.893	699.676	1076.744	1302.274	1366.204
124.5	343.859	701.452	1077.927	1305.233	1369.755
125.0	347.825	702.636	1078.519	1307.601	1372.715
125.5	351.732	703.820	1079.111	1309.377	1375.675
126.0	355.580	705.004	1079.703	1310.561	1378.042
126.5	359.428	705.004	1080.295	1311.745	1379.226
127.0	363.157	705.596	1080.295	1311.745	1380.410
127.5	366.768	705.596	1080.295	1311.153	1381.002
128.0	370.201	705.596	1080.295	1310.561	1380.410
128.5	373.516	705.004	1079.703	1309.377	1380.410
129.0	376.771	704.412	1079.111	1307.601	1379.226
129.5	379.909	703.820	1077.927	1305.825	1377.450
130.0	382.987	703.228	1076.744	1303.458	1375.083
130.5	385.887	703.228	1074.968	1300.498	1372.715
131.0	388.729	702.044	1073.192	1297.538	1369.755
131.5	391.511	701.452	1070.232	1293.987	1366.204
132.0	394.234	700.268	1067.864	1291.027	1362.652
132.5	396.838	699.676	1064.905	1286.883	1358.508
133.0	399.324	699.084	1061.353	1282.740	1354.365
133.5	401.811	697.900	1057.801	1278.596	1349.629
134.0	404.178	696.716	1053.658	1273.860	1344.894
134.5	406.487	695.533	1049.514	1269.125	1339.566
135.0	408.677	694.349	1045.371	1263.797	1334.239
135.5	410.749	693.165	1041.227	1258.470	1328.319
136.0	412.702	691.389	1036.492	1253.143	1322.400
136.5	414.656	689.021	1031.164	1247.223	1316.480
137.0	416.550	687.245	1026.428	1241.304	1309.969
137.5	418.385	684.878	1021.693	1235.384	1303.458
138.0	420.161	682.510	1016.365	1228.873	1296.354
138.5	421.877	680.142	1011.038	1222.361	1289.251

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-8-P8-8TW-DMA-70U-30D-POE PR_4000K.IES****CANDELA TABULATION - (Cont.)**

139.0	423.476	677.182	1005.119	1215.850	1282.148
139.5	425.015	674.223	999.199	1208.747	1274.452
140.0	426.495	671.263	993.280	1201.643	1266.165
140.5	427.856	668.303	987.360	1193.948	1258.470
141.0	429.218	665.343	980.849	1186.253	1250.183
141.5	430.461	661.792	974.338	1177.966	1241.304
142.0	431.585	657.648	967.826	1169.679	1233.016
142.5	432.710	654.097	961.315	1161.391	1224.137
143.0	433.776	650.545	954.211	1153.104	1215.258
143.5	434.782	646.401	947.700	1144.225	1206.379
144.0	435.729	642.258	940.005	1135.346	1197.500
144.5	436.617	638.706	932.310	1126.467	1188.029
145.0	437.505	634.562	925.206	1116.996	1178.558
145.5	438.393	631.011	917.511	1107.525	1169.679
146.0	439.221	626.867	909.224	1098.645	1160.208
146.5	439.932	622.724	901.529	1088.582	1150.144
147.0	440.642	618.580	893.833	1079.111	1140.081
147.5	441.352	614.436	886.138	1069.048	1129.426
148.0	442.063	610.293	877.851	1059.577	1119.363
148.5	442.655	606.149	870.156	1048.922	1108.117
149.0	443.306	602.006	862.460	1038.859	1097.462
149.5	443.898	597.862	854.173	1028.796	1086.215
150.0	444.371	593.126	845.886	1018.141	1074.968
150.5	444.904	589.220	837.599	1007.486	1063.721
151.0	445.378	584.898	829.904	996.831	1051.882
151.5	445.851	580.696	821.616	986.176	1040.635
152.0	446.325	576.552	812.737	974.929	1028.796
152.5	446.798	572.349	804.450	964.275	1016.365
153.0	447.331	568.383	796.163	953.028	1003.935
153.5	447.864	564.240	787.284	941.781	991.504
154.0	448.397	560.214	778.996	930.534	979.073
154.5	448.929	556.189	770.117	918.695	966.642
155.0	449.403	552.282	761.238	907.448	953.620
155.5	449.876	548.316	752.359	895.609	941.189
156.0	450.291	544.528	743.480	883.770	928.166
156.5	450.705	540.976	734.601	871.931	915.143
157.0	451.179	537.365	725.130	860.093	902.712
157.5	451.711	533.991	715.659	847.662	889.690
158.0	452.126	530.558	706.188	835.823	876.667
158.5	452.540	527.243	696.716	823.984	864.236
159.0	453.014	523.988	687.837	811.553	851.213
159.5	453.369	520.791	678.366	799.714	838.191
160.0	453.842	517.772	668.895	787.284	824.576
160.5	454.257	514.694	659.424	774.853	811.553
161.0	454.730	511.734	649.953	762.422	798.531
161.5	455.145	508.715	641.074	749.991	785.508
162.0	455.500	505.874	631.603	737.560	772.485
162.5	455.914	503.151	622.132	725.130	758.870
163.0	456.269	500.547	613.253	712.699	745.256
163.5	456.625	497.883	603.781	700.268	731.641
164.0	456.980	495.338	594.902	687.245	718.026
164.5	457.335	492.970	586.201	674.815	704.412
165.0	457.690	490.780	577.558	662.384	691.389
165.5	458.045	488.589	569.153	649.953	677.774
166.0	458.400	486.518	561.162	637.522	664.160
166.5	458.815	484.505	553.170	625.683	651.137

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-8-P8-8TW-DMA-70U-30D-POE PR_4000K.IES****CANDELA TABULATION - (Cont.)**

167.0	459.111	482.611	545.594	613.253	637.522
167.5	459.466	480.717	538.490	601.414	624.499
168.0	459.762	478.822	531.624	589.812	611.477
168.5	460.058	476.987	525.171	578.446	598.454
169.0	460.354	475.330	519.074	567.318	585.905
169.5	460.650	473.791	513.037	556.840	573.770
170.0	460.887	472.252	507.354	546.837	562.050
170.5	461.123	470.950	501.908	537.484	551.099
171.0	461.301	469.529	496.877	528.960	540.680
171.5	461.478	468.167	492.141	520.909	530.913
172.0	461.538	466.984	487.879	513.273	522.330
172.5	461.597	465.859	483.972	505.993	513.925
173.0	461.656	464.793	480.302	499.422	506.052
173.5	461.715	463.846	476.869	493.325	498.948
174.0	461.774	462.840	473.613	487.583	492.259
174.5	461.774	461.952	470.713	482.788	486.281
175.0	461.774	461.182	467.990	478.290	480.835
175.5	461.774	460.413	465.681	474.205	475.981
176.0	461.715	459.762	463.609	470.476	471.719
176.5	461.656	459.229	461.656	467.279	467.871
177.0	461.538	458.696	460.058	464.438	464.557
177.5	461.478	458.223	458.637	462.070	461.893
178.0	461.419	457.868	457.572	460.354	459.703
178.5	461.419	457.690	456.743	458.756	457.986
179.0	461.360	457.512	456.092	457.808	456.802
179.5	461.360	457.335	455.796	457.216	456.092
180.0	457.157	457.157	457.157	457.157	457.157

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-8-P8-8TW-DMA-70U-30D-POE PR_4000K.IES****ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	172.21	N.A.	2.70
0-30	406.59	N.A.	6.50
0-40	736.70	N.A.	11.70
0-60	1492.53	N.A.	23.80
0-80	1950.67	N.A.	31.10
0-90	1987.73	N.A.	31.70
10-90	1946.63	N.A.	31.00
20-40	564.49	N.A.	9.00
20-50	948.12	N.A.	15.10
40-70	1049.53	N.A.	16.70
60-80	458.14	N.A.	7.30
70-80	164.45	N.A.	2.60
80-90	37.06	N.A.	0.60
90-110	691.19	N.A.	11.00
90-120	1556.75	N.A.	24.80
90-130	2437.52	N.A.	38.90
90-150	3734.00	N.A.	59.50
90-180	4286.24	N.A.	68.30
110-180	3595.05	N.A.	57.30
0-180	6273.97	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	41.11
10-20	131.10
20-30	234.38
30-40	330.11
40-50	383.63
50-60	372.20
60-70	293.70
70-80	164.45
80-90	37.06
90-100	84.68
100-110	606.51
110-120	865.57
120-130	880.77
130-140	748.56
140-150	547.92
150-160	340.07
160-170	166.07
170-180	46.09

IES INDOOR REPORT

PHOTOMETRIC FILENAME : SDI5-8-P8-8TW-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-P8-8TW-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	6.4	6.7	7.0	7.7	9.3	9.0	9.8	10.1	10.9	12.4
	3H	7.5	8.1	8.6	9.2	10.7	10.9	11.6	12.0	12.7	14.2
	4H	7.9	8.6	9.0	9.7	11.2	11.5	12.1	12.6	13.2	14.8
	6H	8.1	8.7	9.3	9.8	11.4	11.9	12.5	13.0	13.6	15.1
	8H	8.2	8.7	9.3	9.9	11.4	12.0	12.5	13.1	13.6	15.2
	12H	8.2	8.7	9.3	9.8	11.4	12.0	12.5	13.1	13.6	15.2

UGR Viewed Endwise

4H	2H	6.9	7.5	8.0	8.6	10.1	9.3	9.9	10.4	11.0	12.6
	3H	8.5	9.1	9.7	10.2	11.7	11.3	11.9	12.5	13.0	14.5
	4H	9.1	9.6	10.2	10.7	12.2	12.1	12.6	13.2	13.7	15.2
	6H	9.4	9.8	10.5	10.9	12.5	12.6	13.0	13.7	14.1	15.7
	8H	9.4	9.8	10.6	10.9	12.5	12.7	13.1	13.8	14.2	15.8
	12H	9.4	9.8	10.5	10.9	12.5	12.7	13.1	13.9	14.2	15.8

8H	4H	9.5	9.8	10.6	11.0	12.5	12.1	12.5	13.3	13.7	15.2
	6H	9.8	10.2	11.0	11.3	12.9	12.7	13.0	13.9	14.2	15.8
	8H	9.9	10.2	11.1	11.4	12.9	12.9	13.2	14.0	14.3	15.9
	12H	9.9	10.2	11.1	11.3	12.9	13.0	13.2	14.1	14.4	16.0

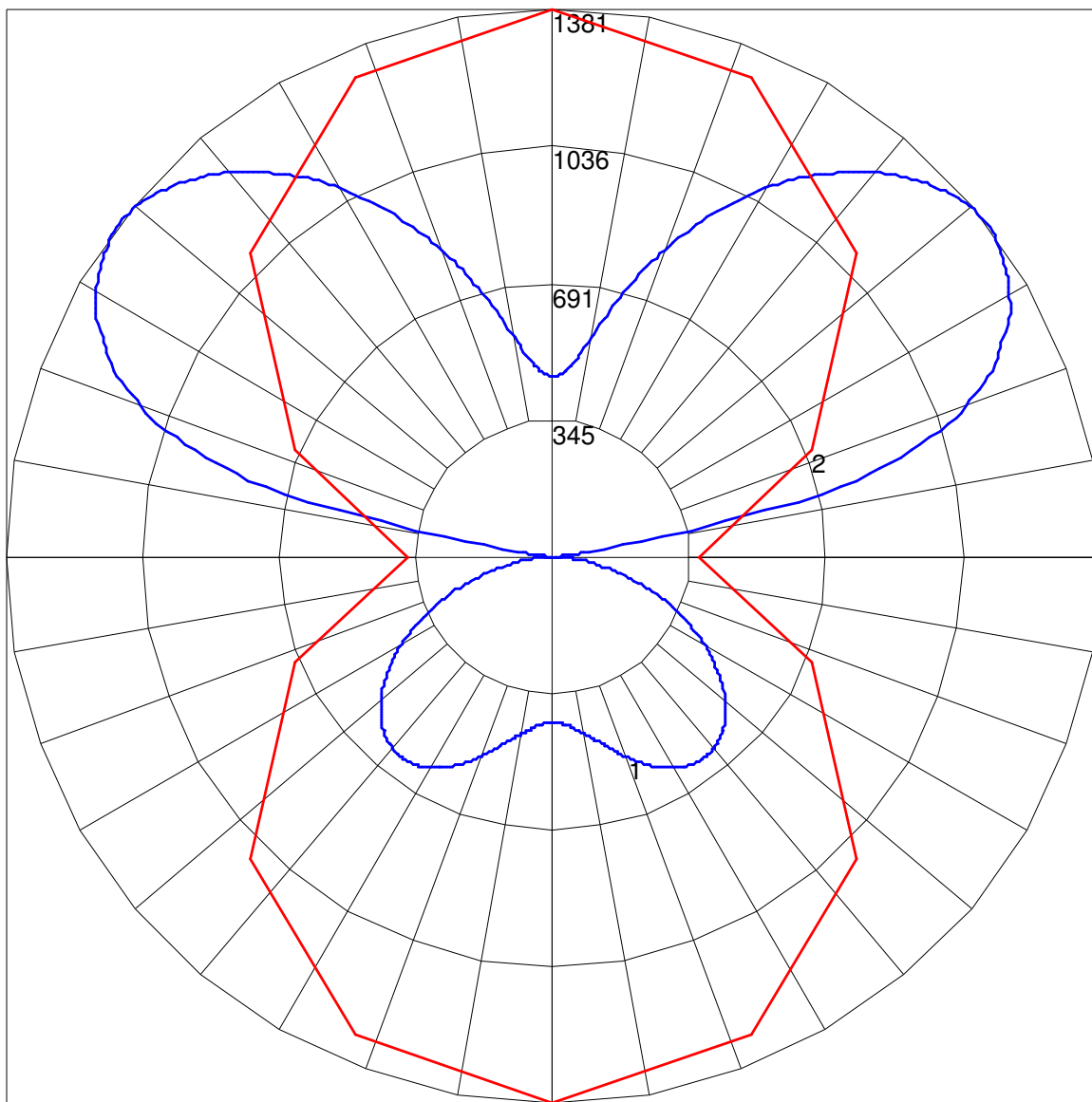
12H	4H	9.5	9.8	10.6	11.0	12.5	12.1	12.4	13.2	13.6	15.2
	6H	9.9	10.2	11.0	11.3	12.9	12.7	13.0	13.8	14.1	15.7
	8H	10.0	10.2	11.1	11.4	13.0	12.9	13.1	14.0	14.3	15.9

Maximum UGR = 16.0

IES INDOOR REPORT

PHOTOMETRIC FILENAME : SDI5-8-P8-8TW-DMA-70U-30D-POE PR_4000K.IES

POLAR GRAPH



Maximum Candela = 1381.002 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.)