



IES INDOOR REPORT

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

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] GEN FROM 12731921.05
 [TESTLAB] UL Verification Services Inc.
 [ISSUEDATE] 04/19/2021
 [MANUFAC] WILLIAMS INDOOR
 [OTHER] H.E. WILLIAMS, INC. - CARTHAGE, MO.64836
 [LUMINAIRE] 8' SUSPENDED LINEAR DIRECT/INDIRECT LED
 [MORE] WITH FROSTED ACRYLIC LENS
 [LUMCAT] SDI5-8-P8-8TW-DMA-30U-70D-POE PR 4000K
 [LAMPCAT] HLM TUNABLE WHITE CCT, 80 CRI
 [_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	5833
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	124
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)	8.00 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	4175	3760	3868
55	4001	3373	3394
65	3680	2753	2684
75	3031	1822	1696
85	1509	524	455

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	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0.0	1207.563	1207.563	1207.563	1207.563	1207.563
0.5	1237.160	1214.074	1199.867	1198.091	1199.275
1.0	1237.160	1214.074	1199.867	1198.091	1199.275
1.5	1237.160	1214.074	1199.867	1198.683	1199.275
2.0	1237.160	1213.482	1199.867	1198.683	1199.867
2.5	1236.568	1213.482	1199.867	1199.275	1200.459
3.0	1236.568	1213.482	1199.867	1199.867	1201.051
3.5	1235.976	1212.890	1200.459	1200.459	1201.643
4.0	1235.384	1212.298	1200.459	1201.051	1202.827
4.5	1234.792	1212.298	1200.459	1201.643	1204.011
5.0	1234.200	1211.706	1200.459	1202.827	1205.195
5.5	1233.608	1211.114	1201.051	1203.419	1206.379
6.0	1232.424	1210.522	1201.051	1204.603	1207.563
6.5	1231.832	1209.930	1201.643	1205.787	1208.746
7.0	1230.648	1209.338	1201.643	1206.971	1210.522
7.5	1229.464	1208.746	1202.235	1208.154	1212.298
8.0	1228.281	1208.154	1202.235	1209.338	1213.482
8.5	1227.097	1206.971	1202.827	1210.522	1215.258
9.0	1225.321	1206.379	1203.419	1212.298	1217.034
9.5	1224.137	1205.195	1203.419	1213.482	1218.809
10.0	1222.361	1204.603	1204.011	1214.666	1220.585
10.5	1220.585	1203.419	1204.603	1216.442	1222.953
11.0	1218.218	1202.235	1204.603	1218.218	1224.729
11.5	1216.442	1201.051	1205.195	1219.993	1226.505
12.0	1214.666	1199.867	1205.195	1221.177	1228.872
12.5	1212.298	1198.091	1205.195	1222.953	1230.648
13.0	1209.930	1196.908	1205.787	1224.137	1233.016
13.5	1207.563	1195.132	1205.787	1225.913	1235.384
14.0	1205.195	1193.356	1205.787	1227.689	1237.752
14.5	1202.827	1191.580	1205.195	1228.872	1240.119
15.0	1200.459	1189.804	1205.195	1230.648	1241.895
15.5	1197.500	1188.028	1205.195	1231.832	1244.263
16.0	1195.132	1185.661	1204.603	1233.016	1246.631
16.5	1192.172	1183.885	1204.011	1234.200	1248.999
17.0	1189.804	1181.517	1203.419	1235.384	1250.774
17.5	1186.845	1179.149	1202.827	1236.568	1252.550
18.0	1183.885	1176.782	1202.235	1237.752	1254.326
18.5	1180.333	1173.822	1201.643	1238.936	1255.510
19.0	1177.373	1171.454	1200.459	1239.527	1257.286
19.5	1174.414	1168.494	1199.275	1240.711	1258.470
20.0	1170.862	1166.127	1198.091	1240.711	1259.653
20.5	1167.310	1163.167	1196.908	1241.303	1260.245
21.0	1163.759	1160.207	1195.724	1241.895	1261.429
21.5	1160.207	1157.839	1194.540	1241.895	1262.021
22.0	1156.656	1154.880	1193.356	1241.895	1262.613
22.5	1152.512	1151.920	1192.172	1241.895	1263.205
23.0	1148.960	1148.960	1190.988	1241.895	1263.797
23.5	1144.817	1145.409	1189.804	1241.895	1264.389
24.0	1140.673	1142.449	1188.620	1241.895	1264.389
24.5	1137.121	1138.897	1186.845	1241.895	1264.981
25.0	1132.386	1135.938	1185.661	1241.303	1264.981
25.5	1128.242	1132.386	1183.885	1240.711	1264.981
26.0	1124.099	1128.834	1182.109	1240.711	1264.389
26.5	1119.955	1125.875	1180.333	1239.527	1264.389

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

27.0	1115.220	1121.731	1177.965	1238.936	1263.797
27.5	1111.076	1118.179	1175.598	1237.752	1263.205
28.0	1106.340	1114.628	1173.230	1236.568	1262.613
28.5	1101.605	1110.484	1170.862	1235.384	1261.429
29.0	1096.869	1106.932	1168.494	1233.608	1260.245
29.5	1092.134	1102.789	1165.535	1231.832	1259.062
30.0	1086.806	1098.645	1162.575	1230.056	1257.286
30.5	1082.071	1094.502	1159.615	1228.281	1255.510
31.0	1077.335	1089.766	1156.656	1225.913	1253.734
31.5	1072.008	1085.622	1153.696	1224.137	1251.958
32.0	1067.272	1080.887	1150.144	1221.769	1249.590
32.5	1061.945	1076.151	1146.592	1219.401	1247.223
33.0	1056.025	1071.416	1143.041	1216.442	1244.855
33.5	1050.698	1066.680	1139.489	1214.074	1242.487
34.0	1044.778	1061.353	1135.938	1211.114	1239.527
34.5	1038.859	1056.025	1131.794	1207.563	1236.568
35.0	1032.940	1050.698	1127.650	1204.011	1233.608
35.5	1026.428	1045.370	1122.915	1200.459	1230.056
36.0	1020.509	1040.043	1118.771	1196.908	1226.505
36.5	1013.997	1034.123	1113.444	1192.172	1222.361
37.0	1006.894	1028.204	1108.708	1188.028	1218.218
37.5	1000.383	1022.285	1103.381	1182.701	1213.482
38.0	993.279	1016.365	1098.053	1177.965	1208.154
38.5	986.768	1009.854	1092.134	1172.046	1202.827
39.0	979.665	1003.342	1086.214	1166.719	1196.908
39.5	972.561	996.239	1079.703	1160.207	1190.988
40.0	965.458	989.728	1073.784	1154.288	1183.885
40.5	958.355	982.624	1066.680	1147.184	1177.373
41.0	950.660	975.521	1060.169	1140.081	1170.270
41.5	942.964	968.418	1053.066	1132.978	1162.575
42.0	935.269	960.723	1045.962	1125.283	1154.880
42.5	926.982	953.027	1038.267	1117.587	1146.592
43.0	919.287	945.332	1030.572	1109.300	1138.305
43.5	910.999	937.637	1022.285	1101.013	1129.426
44.0	902.712	929.350	1013.997	1092.726	1121.139
44.5	894.425	921.062	1005.710	1083.847	1111.668
45.0	885.546	912.775	997.423	1074.967	1102.789
45.5	876.667	904.488	988.544	1065.496	1093.318
46.0	867.788	895.609	979.665	1056.025	1083.847
46.5	858.317	886.730	970.786	1046.554	1073.784
47.0	849.437	877.851	961.315	1036.491	1063.721
47.5	839.966	868.380	951.843	1026.428	1053.066
48.0	830.495	859.500	942.372	1015.773	1043.003
48.5	821.616	850.029	932.309	1005.710	1031.756
49.0	811.553	840.558	922.838	995.055	1021.101
49.5	802.082	831.087	912.183	983.808	1009.854
50.0	792.611	821.024	902.120	973.153	998.607
50.5	783.140	811.553	892.057	961.906	986.768
51.0	773.077	801.490	881.402	950.660	974.929
51.5	763.606	791.427	870.747	939.413	963.090
52.0	754.135	781.956	860.092	927.574	950.660
52.5	744.664	771.893	848.845	915.735	938.821
53.0	734.601	761.238	837.599	903.896	926.390
53.5	724.538	751.175	826.944	892.057	913.367
54.0	714.475	741.112	815.697	879.626	900.936
54.5	704.411	730.457	803.858	867.196	887.914

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

55.0	693.757	719.802	792.611	854.765	875.483
55.5	683.694	709.147	780.772	842.334	862.460
56.0	673.630	699.084	769.525	829.903	849.437
56.5	662.976	687.837	757.686	816.881	835.823
57.0	652.321	677.182	745.847	803.858	822.800
57.5	641.666	666.527	733.417	790.835	809.777
58.0	630.419	655.280	721.578	777.812	796.755
58.5	619.764	644.625	709.147	764.790	783.140
59.0	609.109	633.378	697.308	751.175	769.525
59.5	597.862	622.131	684.877	738.152	755.910
60.0	587.207	610.885	672.447	724.538	742.296
60.5	576.138	599.638	660.016	710.923	728.089
61.0	565.305	588.332	646.993	697.308	713.883
61.5	554.058	576.848	634.562	683.694	699.676
62.0	542.930	565.305	622.131	670.079	685.469
62.5	531.683	553.821	609.109	656.464	671.263
63.0	520.613	542.278	596.086	642.258	657.056
63.5	509.544	530.558	583.122	628.643	642.258
64.0	498.416	518.838	570.041	614.436	628.051
64.5	487.405	507.176	557.018	600.230	613.252
65.0	476.099	495.278	543.936	586.023	598.454
65.5	464.852	483.499	530.795	571.876	584.129
66.0	453.605	471.778	517.713	557.610	569.389
66.5	442.359	459.939	504.631	543.344	554.768
67.0	430.993	448.160	491.312	528.960	540.088
67.5	419.569	436.321	478.112	514.694	525.467
68.0	408.203	424.541	464.971	500.251	510.846
68.5	396.779	412.584	451.711	485.807	496.166
69.0	385.355	400.686	438.629	471.541	481.782
69.5	373.752	388.669	425.311	457.157	467.398
70.0	362.091	376.712	412.170	442.832	452.718
70.5	350.489	364.814	398.910	428.448	438.215
71.0	339.005	352.738	385.591	414.182	423.535
71.5	327.403	340.722	372.391	399.857	408.973
72.0	315.801	328.646	359.131	385.591	394.352
72.5	304.199	316.630	345.931	371.325	379.790
73.0	292.597	304.614	332.731	357.119	365.228
73.5	281.054	292.656	319.531	343.031	350.667
74.0	269.630	280.699	306.449	328.942	335.987
74.5	258.205	268.801	293.544	314.973	321.662
75.0	246.840	257.081	280.699	301.003	307.277
75.5	235.416	245.242	267.736	287.270	293.071
76.0	224.465	233.521	254.950	273.596	278.864
76.5	213.514	221.919	242.282	259.922	264.717
77.0	202.622	210.436	229.614	246.426	250.806
77.5	191.849	199.129	217.302	233.048	237.251
78.0	181.016	187.942	204.990	219.847	223.754
78.5	170.302	176.813	192.796	206.943	210.613
79.0	159.824	165.921	180.838	194.098	197.472
79.5	149.465	155.089	169.000	181.490	184.568
80.0	139.106	144.493	157.338	168.940	171.900
80.5	129.043	134.075	145.914	156.746	159.528
81.0	118.862	123.716	134.608	144.730	147.275
81.5	109.036	113.594	123.598	132.950	135.318
82.0	99.328	103.768	112.883	121.467	123.657
82.5	89.857	94.060	102.465	110.279	112.291

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

83.0	80.504	84.707	92.343	99.506	101.222
83.5	71.507	75.591	82.517	88.910	90.508
84.0	62.923	66.830	73.046	78.847	80.208
84.5	54.695	58.366	64.048	69.257	70.323
85.0	46.823	50.315	55.524	60.082	60.970
85.5	39.483	42.679	47.474	51.440	52.091
86.0	32.261	35.517	39.956	43.389	43.804
86.5	25.749	28.946	33.030	35.990	36.227
87.0	19.948	22.849	26.637	29.301	29.420
87.5	14.799	17.581	20.955	23.441	23.382
88.0	10.418	13.023	16.160	18.291	18.054
88.5	6.985	9.412	11.898	13.260	12.668
89.0	4.380	6.393	7.873	8.702	7.932
89.5	2.782	3.907	4.736	5.268	4.617
90.0	2.190	3.137	3.848	4.262	3.966
90.5	4.617	7.518	7.044	5.742	4.262
91.0	5.742	11.188	10.181	8.879	7.458
91.5	7.103	15.805	13.851	12.076	10.537
92.0	8.761	21.073	18.350	15.568	13.911
92.5	10.714	26.223	24.506	19.889	17.758
93.0	12.845	30.781	31.965	25.572	22.671
93.5	15.331	35.694	40.370	32.912	29.183
94.0	18.113	40.726	49.782	41.791	37.174
94.5	21.132	44.336	59.253	52.387	46.823
95.0	24.329	48.421	68.251	64.226	58.306
95.5	27.703	52.979	76.538	76.361	70.915
96.0	31.195	57.537	84.766	88.673	83.937
96.5	34.806	62.154	93.645	100.630	97.019
97.0	38.417	66.830	104.063	112.528	109.924
97.5	42.265	71.507	114.896	124.367	123.006
98.0	46.112	76.361	125.433	136.443	136.028
98.5	49.960	81.274	134.904	148.696	149.229
99.0	54.104	86.068	143.724	161.482	162.607
99.5	58.188	91.041	153.372	174.623	176.221
100.0	62.272	96.131	162.666	188.711	190.132
100.5	66.475	101.163	172.492	204.043	204.339
101.0	70.737	106.194	183.147	219.137	218.782
101.5	75.117	111.285	193.506	233.285	233.462
102.0	79.379	116.435	203.983	245.952	248.201
102.5	83.701	121.644	214.165	258.620	263.355
103.0	88.081	126.853	223.991	271.642	278.509
103.5	92.521	131.826	233.521	284.665	293.840
104.0	96.901	136.857	242.756	298.161	308.935
104.5	101.281	141.948	251.812	312.309	324.266
105.0	105.721	147.038	260.928	327.226	339.420
105.5	110.101	151.892	270.222	342.143	354.574
106.0	114.422	156.450	279.278	356.468	369.668
106.5	118.803	160.772	288.158	370.793	384.585
107.0	123.124	165.270	296.563	384.999	399.680
107.5	127.386	170.183	304.554	398.496	414.478
108.0	131.648	175.156	312.486	411.341	429.040
108.5	135.792	179.891	320.122	423.831	443.542
109.0	139.935	184.212	327.699	436.202	457.571
109.5	144.020	188.238	334.980	448.278	471.364
110.0	148.104	192.204	342.202	460.058	484.978
110.5	152.129	196.584	349.068	471.660	498.356

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111.0	156.095	201.260	355.580	482.847	511.557
111.5	160.002	205.818	361.736	493.739	524.283
112.0	163.850	210.199	367.419	504.276	536.714
112.5	167.638	214.224	372.687	514.398	548.908
113.0	171.367	217.953	377.541	523.987	560.451
113.5	174.978	221.268	382.217	533.281	571.876
114.0	178.589	224.228	386.598	542.101	583.063
114.5	182.141	227.010	390.741	550.506	593.718
115.0	185.574	229.851	394.589	558.379	603.189
115.5	189.007	232.870	398.022	565.779	612.660
116.0	192.322	235.948	401.041	572.527	622.131
116.5	195.519	239.204	403.705	578.801	630.419
117.0	198.656	242.341	405.717	584.425	638.114
117.5	201.734	245.419	407.197	589.397	645.217
118.0	204.694	248.320	408.440	593.718	651.729
118.5	207.476	250.984	409.861	597.862	658.240
119.0	210.199	253.470	411.163	601.414	663.567
119.5	212.862	255.719	412.465	603.781	668.303
120.0	215.467	257.732	413.649	606.149	671.855
120.5	217.953	259.448	414.478	607.333	675.406
121.0	220.321	261.047	415.011	608.517	678.366
121.5	222.689	262.467	415.129	608.517	680.142
122.0	224.938	263.888	414.952	608.517	681.326
122.5	227.069	265.368	414.360	607.925	682.510
123.0	229.141	266.788	413.531	606.741	682.510
123.5	231.154	268.091	412.347	604.965	681.918
124.0	233.048	269.452	410.808	602.597	680.734
124.5	234.824	270.636	409.032	599.638	678.958
125.0	236.540	271.879	407.020	596.086	676.590
125.5	238.138	272.945	404.948	592.534	673.630
126.0	239.677	273.951	402.698	588.568	670.079
126.5	241.098	274.957	400.449	584.188	665.935
127.0	242.460	275.845	398.081	579.393	660.608
127.5	243.644	276.733	395.654	574.125	655.280
128.0	244.827	277.443	393.168	568.620	649.953
128.5	245.834	278.035	390.504	562.700	643.441
129.0	246.840	278.509	387.781	556.485	636.338
129.5	247.728	278.864	384.940	550.151	629.235
130.0	248.557	279.042	382.040	543.403	620.948
130.5	249.267	279.160	379.139	536.418	613.252
131.0	249.918	279.160	376.120	529.197	604.373
131.5	250.569	278.923	373.042	521.975	595.494
132.0	250.984	278.627	369.905	514.576	586.733
132.5	251.398	278.272	366.827	507.117	577.499
133.0	251.694	277.799	363.689	499.599	568.206
133.5	251.931	277.325	360.611	491.904	558.794
134.0	252.108	276.792	357.415	484.386	549.382
134.5	252.227	276.200	354.218	476.869	539.733
135.0	252.286	275.608	351.022	469.233	530.203
135.5	252.167	274.898	347.825	461.774	520.673
136.0	252.049	274.188	344.747	454.257	511.083
136.5	251.872	273.418	341.610	446.976	501.730
137.0	251.576	272.649	338.532	439.636	492.259
137.5	251.220	271.820	335.454	432.473	482.788
138.0	250.865	270.873	332.376	425.370	473.791
138.5	250.392	269.926	329.298	418.385	464.497

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

139.0	249.859	268.919	326.279	411.578	455.559
139.5	249.267	267.854	323.319	404.829	446.857
140.0	248.616	266.729	320.300	398.259	438.393
140.5	247.846	265.545	317.340	391.807	429.928
141.0	247.136	264.302	314.440	385.414	421.700
141.5	246.248	263.000	311.539	379.198	413.709
142.0	245.419	261.639	308.698	373.161	405.954
142.5	244.531	260.218	305.797	367.300	398.436
143.0	243.584	258.797	303.015	361.499	391.156
143.5	242.696	257.317	300.233	355.935	383.993
144.0	241.690	255.838	297.451	350.489	377.008
144.5	240.684	254.298	294.669	345.221	370.260
145.0	239.618	252.700	291.946	340.012	363.749
145.5	238.553	251.102	289.282	334.980	357.356
146.0	237.428	249.445	286.559	330.067	351.199
146.5	236.244	247.846	283.955	325.272	345.162
147.0	235.001	246.189	281.291	320.655	339.361
147.5	233.876	244.591	278.686	316.097	333.796
148.0	232.633	242.815	276.082	311.717	328.410
148.5	231.331	241.098	273.537	307.396	323.141
149.0	230.029	239.382	270.991	303.252	317.932
149.5	228.727	237.665	268.505	299.109	312.901
150.0	227.424	236.007	265.960	295.142	308.047
150.5	226.063	234.350	263.414	291.295	303.370
151.0	224.820	232.693	260.928	287.447	298.813
151.5	223.458	231.094	258.442	283.718	294.314
152.0	222.156	229.437	255.956	280.048	289.993
152.5	220.913	227.720	253.470	276.496	285.790
153.0	219.729	226.004	251.043	273.004	281.765
153.5	218.486	224.228	248.557	269.571	277.858
154.0	217.243	222.570	246.189	266.197	273.951
154.5	216.000	220.735	243.762	262.941	270.222
155.0	214.698	219.078	241.335	259.744	266.492
155.5	213.454	217.480	238.967	256.548	263.000
156.0	212.093	215.822	236.540	253.470	259.508
156.5	210.791	214.224	234.172	250.332	256.074
157.0	209.429	212.626	231.745	247.373	252.700
157.5	208.127	211.087	229.318	244.413	249.445
158.0	206.825	209.488	227.010	241.453	246.189
158.5	205.582	207.890	224.583	238.671	243.170
159.0	204.339	206.351	222.274	235.830	240.033
159.5	203.095	204.812	219.966	233.107	236.955
160.0	201.852	203.273	217.716	230.384	233.995
160.5	200.668	201.793	215.408	227.720	231.035
161.0	199.544	200.313	213.158	225.116	228.253
161.5	198.301	198.833	210.909	222.570	225.471
162.0	197.117	197.413	208.719	219.847	222.748
162.5	195.992	195.933	206.588	217.243	220.025
163.0	194.808	194.571	204.457	214.698	217.361
163.5	193.743	193.210	202.326	212.152	214.638
164.0	192.618	191.849	200.254	209.666	212.034
164.5	191.553	190.487	198.064	207.239	209.370
165.0	190.487	189.185	195.874	204.871	206.884
165.5	189.422	187.942	193.802	202.504	204.398
166.0	188.415	186.699	192.026	200.136	201.971
166.5	187.409	185.515	190.309	197.886	199.603

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

167.0	186.462	184.331	188.652	195.637	197.235
167.5	185.515	183.147	186.995	193.447	195.045
168.0	184.627	182.022	185.396	191.316	192.796
168.5	183.680	180.898	183.857	188.948	190.665
169.0	182.733	179.773	182.377	186.995	188.474
169.5	181.845	178.707	181.016	185.278	186.107
170.0	181.016	177.701	179.655	183.621	184.331
170.5	180.128	176.754	178.411	182.022	182.733
171.0	179.359	175.807	177.109	180.483	181.134
171.5	178.648	174.919	175.984	179.063	179.655
172.0	177.879	174.090	174.860	177.642	178.234
172.5	177.287	173.262	173.794	176.399	176.872
173.0	176.576	172.551	172.847	175.156	175.570
173.5	175.984	171.841	171.841	173.972	174.268
174.0	175.393	171.131	171.012	172.906	173.084
174.5	174.860	170.539	170.183	171.900	171.900
175.0	174.386	170.006	169.414	170.894	170.716
175.5	173.972	169.532	168.704	170.006	169.651
176.0	173.558	169.059	168.052	169.118	168.644
176.5	173.202	168.644	167.461	168.348	167.697
177.0	172.966	168.289	166.928	167.697	166.750
177.5	172.670	167.993	166.513	167.046	165.981
178.0	172.492	167.756	166.158	166.573	165.448
178.5	172.314	167.579	165.862	166.158	165.093
179.0	172.196	167.401	165.625	165.862	164.856
179.5	172.137	167.342	165.507	165.685	164.738
180.0	166.691	166.691	166.691	166.691	166.691

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

Zone	Lumens	%Lamp	%Fixt
0-20	458.52	N.A.	7.90
0-30	1008.18	N.A.	17.30
0-40	1714.17	N.A.	29.40
0-60	3183.6	N.A.	54.60
0-80	4013.53	N.A.	68.80
0-90	4082.28	N.A.	70.00
10-90	3966.82	N.A.	68.00
20-40	1255.66	N.A.	21.50
20-50	2021.66	N.A.	34.70
40-70	2003.83	N.A.	34.40
60-80	829.94	N.A.	14.20
70-80	295.53	N.A.	5.10
80-90	68.75	N.A.	1.20
90-110	318.34	N.A.	5.50
90-120	704.04	N.A.	12.10
90-130	1088.84	N.A.	18.70
90-150	1565.22	N.A.	26.80
90-180	1750.61	N.A.	30.00
110-180	1432.28	N.A.	24.60
0-180	5832.89	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	115.46
10-20	343.06
20-30	549.66
30-40	706.00
40-50	766.01
50-60	703.42
60-70	534.40
70-80	295.54
80-90	68.75
90-100	66.80
100-110	251.53
110-120	385.70
120-130	384.80
130-140	288.66
140-150	187.73
150-160	112.12
160-170	56.65
170-180	16.62

IES INDOOR REPORT

PHOTOMETRIC FILENAME : SDI5-8-P8-8TW-DMA-30U-70D-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	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

IES INDOOR REPORT

PHOTOMETRIC FILENAME : SDI5-8-P8-8TW-DMA-30U-70D-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	13.3	14.4	14.1	15.2	16.2	15.5	16.6	16.2	17.4	18.3
	3H	14.8	15.8	15.6	16.6	17.6	17.2	18.2	18.0	19.0	20.0
	4H	15.2	16.2	16.0	17.0	18.0	17.8	18.8	18.6	19.6	20.6
	6H	15.5	16.3	16.3	17.1	18.1	18.2	19.1	19.0	19.9	20.9
	8H	15.5	16.3	16.3	17.1	18.1	18.3	19.1	19.1	20.0	21.0
	12H	15.5	16.3	16.3	17.1	18.1	18.3	19.1	19.2	20.0	21.0

UGR Viewed Endwise

4H	2H	14.1	15.0	14.9	15.8	16.8	15.8	16.7	16.6	17.5	18.5
	3H	15.7	16.5	16.5	17.3	18.3	17.7	18.5	18.5	19.4	20.4
	4H	16.2	16.9	17.0	17.8	18.8	18.4	19.1	19.3	20.0	21.0
	6H	16.5	17.1	17.3	18.0	19.0	18.9	19.5	19.8	20.4	21.4
	8H	16.5	17.1	17.4	18.0	19.0	19.0	19.6	19.9	20.5	21.5
	12H	16.5	17.1	17.4	17.9	19.0	19.1	19.6	20.0	20.5	21.6

8H	4H	16.5	17.1	17.3	17.9	19.0	18.5	19.1	19.3	19.9	21.0
	6H	16.9	17.3	17.7	18.2	19.3	19.1	19.5	19.9	20.4	21.5
	8H	16.9	17.4	17.8	18.3	19.3	19.2	19.7	20.1	20.6	21.6
	12H	17.0	17.3	17.9	18.2	19.4	19.3	19.7	20.2	20.6	21.7

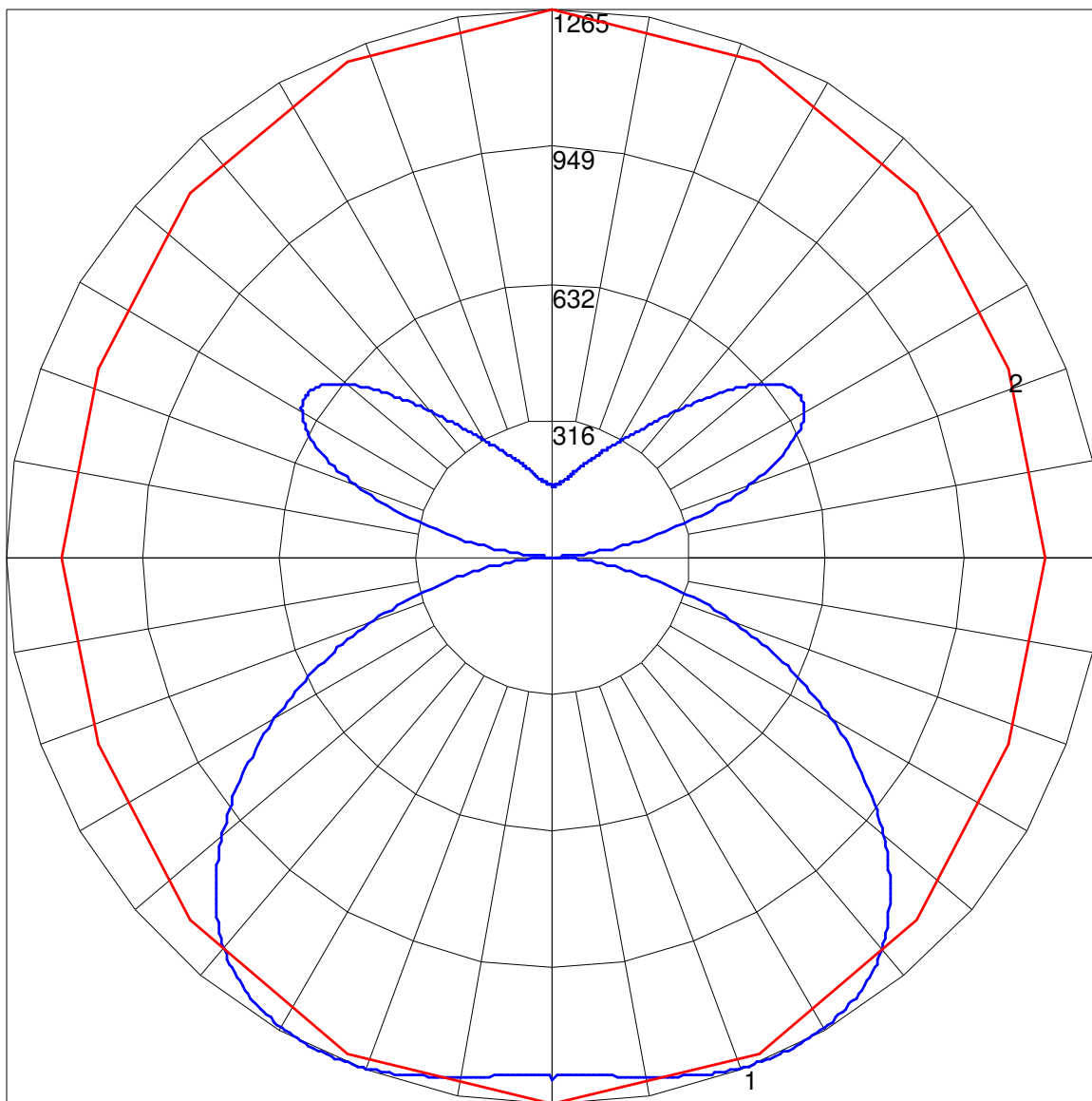
12H	4H	16.5	17.0	17.4	17.9	19.0	18.5	19.0	19.3	19.9	20.9
	6H	16.9	17.3	17.8	18.2	19.3	19.1	19.5	19.9	20.4	21.5
	8H	17.0	17.4	17.9	18.3	19.4	19.2	19.6	20.1	20.5	21.6

Maximum UGR = 21.7

IES INDOOR REPORT

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

POLAR GRAPH



Maximum Candela = 1264.981 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.)