



IES INDOOR REPORT

PHOTOMETRIC FILENAME : SDI5-8-L16-840-DMA-70U-30D-(L6)-(LPW150)-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] GEN FROM 12731921.03
 [TESTLAB] UL Verification Services Inc.
 [ISSUEDATE] 05-JAN-2024
 [MANUFAC] WILLIAMS INDOOR
 [OTHER] H.E. WILLIAMS, INC. - CARTHAGE, MO 64836
 [LUMINAIRE] 8' SUSPENDED DIRECT-INDIRECT LINEAR LED
 [MORE] WITH FROSTED ACRYLIC LENS
 [LUMCAT] SDI5-8-L16-840-DMA-70U-30D-(L6)-(LPW150)-DIM-UNV
 [LAMPCAT] HLMX 80 CRI, 4000K 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	4956
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	153
Total Luminaire Watts	32.4
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	836	968	1126
55	846	953	1078
65	812	838	928
75	675	598	635
85	310	188	187

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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	332.037	332.037	332.037	332.037	332.037
0.5	335.824	332.457	330.774	331.756	330.727
1.0	335.824	332.504	330.914	331.990	331.008
1.5	335.871	332.598	331.101	332.411	331.429
2.0	335.871	332.691	331.429	332.925	332.037
2.5	335.918	332.785	331.850	333.580	332.831
3.0	335.964	332.972	332.317	334.421	333.813
3.5	336.011	333.159	332.878	335.356	334.982
4.0	336.058	333.346	333.486	336.432	336.292
4.5	336.105	333.580	334.234	337.601	337.694
5.0	336.198	333.907	335.029	338.957	339.284
5.5	336.245	334.187	335.871	340.360	341.014
6.0	336.338	334.515	336.806	341.950	342.931
6.5	336.432	334.889	337.788	343.586	344.942
7.0	336.525	335.310	338.863	345.363	347.093
7.5	336.666	335.684	339.986	347.280	349.291
8.0	336.806	336.151	341.201	349.244	351.675
8.5	336.993	336.619	342.464	351.301	352.237
9.0	337.133	337.133	343.773	351.769	354.808
9.5	337.320	337.648	345.176	353.967	357.287
10.0	337.507	338.162	346.625	356.211	359.999
10.5	337.648	338.723	348.075	358.596	362.664
11.0	337.835	339.284	349.618	361.121	363.739
11.5	338.068	339.892	351.161	363.085	366.685
12.0	338.256	340.500	352.798	364.487	369.631
12.5	338.489	341.155	352.938	367.153	372.577
13.0	338.676	341.809	354.434	369.911	375.663
13.5	338.910	342.464	356.211	372.623	378.842
14.0	339.050	343.165	357.988	375.523	382.069
14.5	339.237	343.820	359.858	378.422	385.482
15.0	339.425	344.521	360.887	381.367	388.802
15.5	339.612	345.223	362.383	384.360	392.262
16.0	339.799	345.971	363.880	387.446	395.723
16.5	339.986	346.672	365.890	390.719	399.370
17.0	340.126	347.374	367.948	393.852	402.877
17.5	340.266	348.075	369.911	397.079	406.430
18.0	340.406	348.823	371.969	400.445	410.124
18.5	340.500	349.524	374.026	403.718	413.959
19.0	340.593	350.226	376.130	407.085	417.793
19.5	340.687	350.927	378.094	410.405	421.534
20.0	340.734	351.582	380.198	413.631	425.415
20.5	340.827	352.237	382.162	416.858	429.202
21.0	340.827	352.891	384.126	420.037	432.943
21.5	340.827	353.546	386.137	423.217	436.824
22.0	340.827	354.154	388.054	426.350	440.471
22.5	340.827	354.762	389.924	429.436	444.118
23.0	340.781	355.323	391.841	432.428	447.672
23.5	340.734	354.995	393.572	435.561	450.992
24.0	340.640	354.574	395.395	438.460	454.265
24.5	340.500	355.089	397.125	441.359	457.491
25.0	340.406	355.556	398.762	444.212	460.484
25.5	340.219	355.977	400.539	446.971	463.617
26.0	340.032	356.351	402.175	449.636	466.563
26.5	339.799	356.679	403.718	452.114	469.462

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-8-L16-840-DMA-70U-30D-(L6)-(LPW150)-DIM-UNV_.IES****CANDELA TABULATION - (Cont.)**

27.0	339.565	357.006	405.355	454.545	472.267
27.5	339.237	357.240	406.664	456.977	475.073
28.0	338.910	357.474	408.067	459.315	477.878
28.5	338.536	357.661	409.376	461.466	480.216
29.0	338.068	357.707	410.545	463.570	482.554
29.5	337.601	357.754	411.621	465.534	484.892
30.0	337.087	357.754	412.696	467.451	487.230
30.5	336.525	357.614	413.491	468.994	489.100
31.0	335.918	357.520	414.473	470.864	491.438
31.5	335.263	357.287	415.174	472.267	493.309
32.0	334.562	357.053	415.829	473.670	494.712
32.5	333.813	356.772	416.343	475.073	496.582
33.0	333.019	356.398	416.858	476.008	497.517
33.5	332.177	356.492	417.232	477.411	498.920
34.0	331.288	356.351	417.419	477.878	499.855
34.5	330.353	355.743	417.606	478.813	500.790
35.0	329.371	355.136	417.653	479.281	501.258
35.5	328.343	355.323	417.606	479.749	501.725
36.0	327.267	354.574	417.512	479.749	502.193
36.5	326.145	353.733	417.232	479.749	502.661
37.0	324.976	352.844	416.858	479.749	502.661
37.5	323.760	351.862	416.437	479.749	502.661
38.0	322.451	350.787	415.829	479.281	502.193
38.5	321.142	349.665	415.221	478.813	501.725
39.0	319.739	348.449	414.473	478.346	501.258
39.5	318.289	347.187	413.584	477.411	500.790
40.0	316.746	345.831	412.603	476.476	499.387
40.5	315.203	344.428	411.480	475.540	498.452
41.0	313.613	342.978	410.265	474.138	497.050
41.5	311.977	341.435	409.049	473.202	495.647
42.0	310.294	339.799	407.599	471.332	494.244
42.5	308.517	338.162	406.056	469.929	492.374
43.0	306.693	336.432	404.373	468.059	490.503
43.5	304.823	334.608	402.596	466.142	488.633
44.0	302.859	332.738	400.679	463.991	486.295
44.5	300.848	330.821	398.715	461.793	483.957
45.0	298.838	328.810	396.517	459.362	481.619
45.5	296.733	326.706	394.366	456.743	478.813
46.0	294.583	324.555	391.935	454.125	476.008
46.5	292.432	322.311	389.550	451.413	473.202
47.0	290.140	320.019	386.979	448.467	469.929
47.5	287.849	317.588	384.313	445.427	466.750
48.0	285.511	315.157	381.601	442.201	463.476
48.5	283.080	312.585	378.749	438.881	460.063
49.0	280.648	309.966	375.897	435.468	456.369
49.5	278.077	307.301	372.764	431.867	452.769
50.0	275.552	304.542	369.631	428.173	448.794
50.5	272.886	301.737	366.405	424.433	444.820
51.0	270.221	298.884	363.085	420.552	440.658
51.5	267.509	295.939	360.139	416.484	436.309
52.0	264.750	292.899	357.848	412.275	431.867
52.5	261.898	289.813	354.200	408.067	427.332
53.0	259.046	286.680	352.190	403.672	422.656
53.5	256.147	283.501	348.262	399.183	417.793
54.0	253.154	280.227	344.287	394.460	412.883
54.5	250.161	276.954	340.266	389.784	407.740

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55.0	247.122	273.588	336.105	384.921	402.549
55.5	243.989	270.221	331.896	379.918	397.312
56.0	240.763	266.761	327.594	374.868	391.841
56.5	237.490	263.207	323.246	369.771	386.464
57.0	234.263	259.560	318.804	365.843	381.040
57.5	230.943	255.913	314.315	360.887	375.476
58.0	227.530	252.172	309.686	355.416	369.678
58.5	224.163	248.384	304.963	349.852	365.797
59.0	220.750	244.503	300.194	344.615	359.999
59.5	217.430	240.576	295.331	340.360	354.060
60.0	214.017	236.601	290.468	334.515	348.028
60.5	210.603	232.627	285.464	328.717	342.043
61.0	207.190	228.699	280.461	322.825	337.648
61.5	203.683	224.724	275.318	316.887	331.382
62.0	200.036	220.703	270.221	310.901	325.023
62.5	196.248	216.635	265.077	304.823	318.570
63.0	192.461	212.520	259.840	298.697	312.164
63.5	188.626	208.359	254.650	292.572	305.524
64.0	184.745	204.150	249.413	286.400	298.931
64.5	180.864	199.895	244.176	280.274	292.385
65.0	176.937	195.640	238.939	274.149	285.885
65.5	172.962	191.338	233.655	267.930	279.292
66.0	168.987	186.990	228.278	261.804	272.699
66.5	164.966	182.594	222.854	255.632	266.153
67.0	160.945	178.152	217.430	249.366	259.560
67.5	156.830	173.663	211.959	243.007	252.873
68.0	152.715	169.128	206.488	236.554	246.140
68.5	148.554	164.499	200.877	229.961	239.266
69.0	144.345	159.916	195.126	223.322	232.346
69.5	140.137	155.287	189.374	216.635	225.332
70.0	135.882	150.611	183.530	209.902	218.365
70.5	131.627	145.888	177.685	203.075	211.305
71.0	127.325	141.166	171.840	196.295	204.244
71.5	123.023	136.396	165.901	189.515	197.183
72.0	118.675	131.580	159.963	182.688	190.123
72.5	114.279	126.717	153.978	175.861	183.156
73.0	109.884	121.901	148.086	169.128	176.142
73.5	105.535	117.085	142.195	162.441	169.128
74.0	101.140	112.362	136.396	155.755	162.161
74.5	96.885	107.640	130.598	149.162	155.194
75.0	92.583	102.917	124.847	142.522	148.273
75.5	88.328	98.194	119.142	135.929	141.259
76.0	84.026	93.471	113.438	129.383	134.432
76.5	79.771	88.796	107.873	122.930	127.606
77.0	75.563	84.166	102.309	116.524	120.872
77.5	71.401	79.584	96.838	110.165	114.233
78.0	67.240	75.048	91.367	103.852	107.686
78.5	63.078	70.560	85.897	97.633	101.187
79.0	59.010	66.071	80.519	91.508	94.734
79.5	54.989	61.722	75.142	85.429	88.422
80.0	51.061	57.373	69.952	79.444	82.296
80.5	47.180	53.165	64.761	73.646	76.264
81.0	43.346	48.957	59.665	67.941	70.326
81.5	39.558	44.842	54.708	62.330	64.528
82.0	35.817	40.821	49.798	56.812	58.870
82.5	32.451	36.846	45.029	51.482	53.305

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83.0	29.037	33.012	40.400	46.338	47.975
83.5	25.671	29.318	35.958	41.382	42.785
84.0	22.351	25.764	31.703	36.519	37.735
84.5	19.171	22.351	27.635	31.890	32.918
85.0	16.179	19.031	23.754	27.494	28.289
85.5	13.280	15.898	20.106	23.333	23.941
86.0	10.568	12.952	16.740	19.499	19.873
86.5	7.996	10.287	13.607	15.992	16.179
87.0	5.658	7.809	10.801	12.812	12.718
87.5	3.647	5.658	8.323	9.819	9.539
88.0	1.917	3.787	5.938	7.154	6.874
88.5	0.468	2.244	4.021	5.190	5.284
89.0	0.000	1.309	2.806	3.881	3.881
89.5	0.000	0.608	2.057	3.039	2.619
90.0	0.000	1.075	2.291	3.273	2.665
90.5	0.000	2.198	2.946	2.899	2.759
91.0	0.468	4.162	5.424	5.284	5.190
91.5	1.590	6.500	8.276	8.697	8.276
92.0	2.899	8.978	11.175	11.970	11.737
92.5	4.489	11.783	14.262	15.056	14.776
93.0	6.312	16.787	17.114	18.423	18.143
93.5	8.370	27.027	19.826	21.556	21.509
94.0	10.568	38.483	22.912	24.549	24.549
94.5	12.952	51.996	26.372	27.635	27.635
95.0	15.571	70.326	30.393	31.142	31.001
95.5	18.330	87.486	35.397	35.069	34.742
96.0	21.275	100.719	46.338	39.465	38.950
96.5	24.455	116.337	69.671	44.281	43.533
97.0	27.822	133.731	99.036	49.424	48.536
97.5	31.329	147.993	130.037	56.532	53.820
98.0	34.649	159.916	169.595	74.207	59.618
98.5	38.389	171.325	217.570	106.611	72.851
99.0	42.270	185.774	265.265	142.849	101.935
99.5	46.385	200.877	298.230	179.836	140.698
100.0	50.593	212.941	325.537	227.483	178.339
100.5	54.848	225.285	349.712	289.766	220.703
101.0	59.244	236.180	372.390	360.232	278.310
101.5	63.733	248.151	397.172	426.911	350.740
102.0	68.362	259.653	417.419	472.735	432.849
102.5	73.085	269.660	438.414	509.675	503.128
103.0	77.947	279.900	462.775	543.809	549.887
103.5	82.857	290.327	484.892	571.864	589.633
104.0	87.814	300.942	500.323	595.244	625.170
104.5	92.817	312.678	511.077	620.494	652.290
105.0	97.960	325.116	524.637	646.679	673.799
105.5	103.057	336.572	542.406	668.656	697.179
106.0	108.201	347.701	561.110	689.697	723.364
106.5	113.391	358.643	579.346	713.077	746.743
107.0	118.628	368.930	594.776	736.924	766.850
107.5	123.771	378.609	607.401	755.628	787.891
108.0	128.821	388.194	617.220	769.655	811.738
108.5	133.918	396.938	627.508	780.877	833.715
109.0	139.015	405.215	639.197	792.567	851.016
109.5	144.158	413.304	653.693	806.595	864.576
110.0	149.162	421.347	668.188	822.025	875.798
110.5	154.071	429.389	680.813	836.988	887.488

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111.0	158.888	437.291	690.165	851.951	900.113
111.5	163.704	445.100	699.049	865.511	914.141
112.0	168.567	452.441	707.933	878.136	927.701
112.5	173.523	459.549	716.817	887.956	940.794
113.0	178.480	466.422	725.702	895.905	952.483
113.5	183.389	472.735	734.118	903.854	963.238
114.0	188.205	478.813	742.535	911.803	971.655
114.5	192.928	484.892	750.016	921.622	979.136
115.0	197.651	490.971	758.901	932.845	985.215
115.5	202.374	496.582	768.252	943.599	991.761
116.0	206.956	502.193	777.137	952.016	999.243
116.5	211.398	507.337	786.021	958.562	1009.062
117.0	215.747	512.480	794.438	964.173	1018.881
117.5	220.048	516.688	801.919	970.252	1027.766
118.0	224.397	520.897	809.401	975.863	1033.844
118.5	228.652	525.105	815.947	981.942	1038.053
119.0	232.814	528.846	822.025	987.553	1042.729
119.5	236.882	532.119	827.637	992.696	1047.404
120.0	240.763	535.392	831.845	997.840	1052.548
120.5	244.503	537.730	836.053	1002.048	1056.756
121.0	248.104	540.536	839.326	1006.256	1060.965
121.5	251.611	542.873	842.599	1010.932	1064.238
122.0	255.071	545.211	844.937	1015.141	1067.511
122.5	258.531	547.082	846.808	1019.349	1070.316
123.0	261.945	548.952	848.211	1023.090	1073.122
123.5	265.265	551.290	849.613	1025.895	1075.928
124.0	268.491	552.693	850.549	1028.701	1079.201
124.5	271.624	554.096	851.484	1031.039	1082.006
125.0	274.757	555.031	851.951	1032.909	1084.344
125.5	277.843	555.966	852.419	1034.312	1086.682
126.0	280.882	556.901	852.887	1035.247	1088.553
126.5	283.921	556.901	853.354	1036.182	1089.488
127.0	286.867	557.369	853.354	1036.182	1090.423
127.5	289.720	557.369	853.354	1035.715	1090.890
128.0	292.432	557.369	853.354	1035.247	1090.423
128.5	295.050	556.901	852.887	1034.312	1090.423
129.0	297.622	556.434	852.419	1032.909	1089.488
129.5	300.100	555.966	851.484	1031.506	1088.085
130.0	302.532	555.498	850.549	1029.636	1086.215
130.5	304.823	555.498	849.146	1027.298	1084.344
131.0	307.067	554.563	847.743	1024.960	1082.006
131.5	309.265	554.096	845.405	1022.155	1079.201
132.0	311.416	553.160	843.535	1019.817	1076.395
132.5	313.473	552.693	841.197	1016.543	1073.122
133.0	315.437	552.225	838.391	1013.270	1069.849
133.5	317.401	551.290	835.586	1009.997	1066.108
134.0	319.271	550.355	832.312	1006.256	1062.367
134.5	321.095	549.420	829.039	1002.516	1058.159
135.0	322.825	548.485	825.766	998.307	1053.951
135.5	324.462	547.549	822.493	994.099	1049.275
136.0	326.005	546.147	818.752	989.891	1044.599
136.5	327.548	544.276	814.544	985.215	1039.923
137.0	329.044	542.873	810.803	980.539	1034.780
137.5	330.494	541.003	807.063	975.863	1029.636
138.0	331.896	539.133	802.854	970.720	1024.025
138.5	333.252	537.262	798.646	965.576	1018.414

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-8-L16-840-DMA-70U-30D-(L6)-(LPW150)-DIM-UNV_.IES****CANDELA TABULATION - (Cont.)**

139.0	334.515	534.924	793.970	960.433	1012.803
139.5	335.731	532.586	789.294	954.821	1006.724
140.0	336.900	530.249	784.618	949.210	1000.178
140.5	337.975	527.911	779.942	943.132	994.099
141.0	339.050	525.573	774.799	937.053	987.553
141.5	340.032	522.767	769.655	930.507	980.539
142.0	340.921	519.494	764.512	923.960	973.993
142.5	341.809	516.688	759.368	917.414	966.979
143.0	342.651	513.883	753.757	910.868	959.965
143.5	343.446	510.610	748.614	903.854	952.951
144.0	344.194	507.337	742.535	896.840	945.937
144.5	344.895	504.531	736.456	889.826	938.456
145.0	345.597	501.258	730.845	882.345	930.974
145.5	346.298	498.452	724.766	874.863	923.960
146.0	346.953	495.179	718.220	867.849	916.479
146.5	347.514	491.906	712.142	859.900	908.530
147.0	348.075	488.633	706.063	852.419	900.581
147.5	348.636	485.360	699.984	844.470	892.164
148.0	349.197	482.087	693.438	836.988	884.215
148.5	349.665	478.813	687.359	828.572	875.331
149.0	350.179	475.540	681.281	820.623	866.914
149.5	350.647	472.267	674.734	812.674	858.030
150.0	351.021	468.526	668.188	804.257	849.146
150.5	351.442	465.440	661.642	795.840	840.262
151.0	351.816	462.027	655.563	787.424	830.910
151.5	352.190	458.707	649.017	779.007	822.025
152.0	352.564	455.434	642.003	770.123	812.674
152.5	352.938	452.114	635.457	761.706	802.854
153.0	353.359	448.981	628.910	752.822	793.035
153.5	353.780	445.708	621.896	743.938	783.215
154.0	354.200	442.528	615.350	735.054	773.396
154.5	354.621	439.349	608.336	725.702	763.577
155.0	354.995	436.263	601.322	716.817	753.290
155.5	355.369	433.130	594.309	707.466	743.470
156.0	355.697	430.137	587.295	698.114	733.183
156.5	356.024	427.332	580.281	688.762	722.896
157.0	356.398	424.479	572.799	679.410	713.077
157.5	356.819	421.814	565.318	669.591	702.790
158.0	357.146	419.102	557.836	660.239	692.503
158.5	357.474	416.484	550.355	650.887	682.683
159.0	357.848	413.912	543.341	641.068	672.396
159.5	358.128	411.387	535.860	631.716	662.109
160.0	358.502	409.002	528.378	621.896	651.355
160.5	358.830	406.571	520.897	612.077	641.068
161.0	359.204	404.233	513.415	602.258	630.781
161.5	359.531	401.848	506.401	592.438	620.494
162.0	359.811	399.604	498.920	582.619	610.207
162.5	360.139	397.453	491.438	572.799	599.452
163.0	360.419	395.395	484.425	562.980	588.697
163.5	360.700	393.291	476.943	553.160	577.943
164.0	360.980	391.280	469.929	542.873	567.188
164.5	361.261	389.410	463.056	533.054	556.434
165.0	361.542	387.680	456.229	523.235	546.147
165.5	361.822	385.950	449.589	513.415	535.392
166.0	362.103	384.313	443.277	503.596	524.637
166.5	362.430	382.723	436.964	494.244	514.350

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-8-L16-840-DMA-70U-30D-(L6)-(LPW150)-DIM-UNV_.IES****CANDELA TABULATION - (Cont.)**

167.0	362.664	381.227	430.979	484.425	503.596
167.5	362.944	379.731	425.368	475.073	493.309
168.0	363.178	378.235	419.944	465.908	483.022
168.5	363.412	376.785	414.847	456.930	472.735
169.0	363.646	375.476	410.031	448.139	462.822
169.5	363.880	374.260	405.261	439.863	453.236
170.0	364.067	373.044	400.772	431.961	443.978
170.5	364.254	372.016	396.471	424.573	435.327
171.0	364.394	370.893	392.496	417.840	427.098
171.5	364.534	369.818	388.755	411.480	419.383
172.0	364.581	368.883	385.389	405.448	412.603
172.5	364.628	367.994	382.303	399.697	405.963
173.0	364.674	367.153	379.404	394.507	399.744
173.5	364.721	366.405	376.692	389.691	394.133
174.0	364.768	365.610	374.120	385.155	388.849
174.5	364.768	364.908	371.829	381.367	384.126
175.0	364.768	364.300	369.678	377.814	379.824
175.5	364.768	363.693	367.854	374.587	375.990
176.0	364.721	363.178	366.217	371.642	372.623
176.5	364.674	362.757	364.674	369.117	369.584
177.0	364.581	362.336	363.412	366.872	366.966
177.5	364.534	361.962	362.290	365.002	364.861
178.0	364.487	361.682	361.448	363.646	363.131
178.5	364.487	361.542	360.793	362.383	361.775
179.0	364.441	361.401	360.279	361.635	360.840
179.5	364.441	361.261	360.045	361.168	360.279
180.0	361.121	361.121	361.121	361.121	361.121

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-8-L16-840-DMA-70U-30D-(L6)-(LPW150)-DIM-UNV_.IES****ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	136.03	N.A.	2.70
0-30	321.17	N.A.	6.50
0-40	581.94	N.A.	11.70
0-60	1178.99	N.A.	23.80
0-80	1540.89	N.A.	31.10
0-90	1570.16	N.A.	31.70
10-90	1537.69	N.A.	31.00
20-40	445.90	N.A.	9.00
20-50	748.95	N.A.	15.10
40-70	829.05	N.A.	16.70
60-80	361.90	N.A.	7.30
70-80	129.90	N.A.	2.60
80-90	29.27	N.A.	0.60
90-110	545.99	N.A.	11.00
90-120	1229.72	N.A.	24.80
90-130	1925.46	N.A.	38.90
90-150	2949.59	N.A.	59.50
90-180	3385.81	N.A.	68.30
110-180	2839.83	N.A.	57.30
0-180	4955.98	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	32.47
10-20	103.56
20-30	185.14
30-40	260.76
40-50	303.04
50-60	294.01
60-70	232.00
70-80	129.90
80-90	29.27
90-100	66.89
100-110	479.10
110-120	683.74
120-130	695.74
130-140	591.31
140-150	432.82
150-160	268.63
160-170	131.19
170-180	36.41

IES INDOOR REPORT

PHOTOMETRIC FILENAME : SDI5-8-L16-840-DMA-70U-30D-(L6)-(LPW150)-DIM-UNV_.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-L16-840-DMA-70U-30D-(L6)-(LPW150)-DIM-UNV_.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	5.6	5.9	6.2	6.9	8.5	UGR Viewed Endwise			
	3H	6.7	7.3	7.8	8.4	9.9	8.2	9.0	9.3	10.1
	4H	7.1	7.8	8.2	8.9	10.4	10.1	10.8	11.2	11.9
	6H	7.3	7.9	8.5	9.0	10.6	10.7	11.3	11.8	12.4
	8H	7.4	7.9	8.5	9.1	10.6	11.1	11.7	12.2	12.8
	12H	7.4	7.9	8.5	9.0	10.6	11.2	11.7	12.3	12.8

4H	2H	6.1	6.7	7.2	7.8	9.3	8.5	9.1	9.6	10.2
	3H	7.7	8.3	8.9	9.4	10.9	10.5	11.1	11.7	12.2
	4H	8.3	8.8	9.4	9.9	11.4	11.3	11.8	12.4	12.9
	6H	8.6	9.0	9.7	10.1	11.7	11.8	12.2	12.9	13.3
	8H	8.6	9.0	9.8	10.1	11.7	11.9	12.3	13.0	13.4
	12H	8.6	9.0	9.7	10.1	11.7	11.9	12.3	13.1	13.4

8H	4H	8.7	9.0	9.8	10.2	11.7	11.3	11.7	12.5	12.9
	6H	9.0	9.4	10.2	10.5	12.1	11.9	12.2	13.1	13.4
	8H	9.1	9.4	10.3	10.6	12.1	12.1	12.4	13.2	13.5
	12H	9.1	9.4	10.3	10.5	12.1	12.2	12.4	13.3	13.6

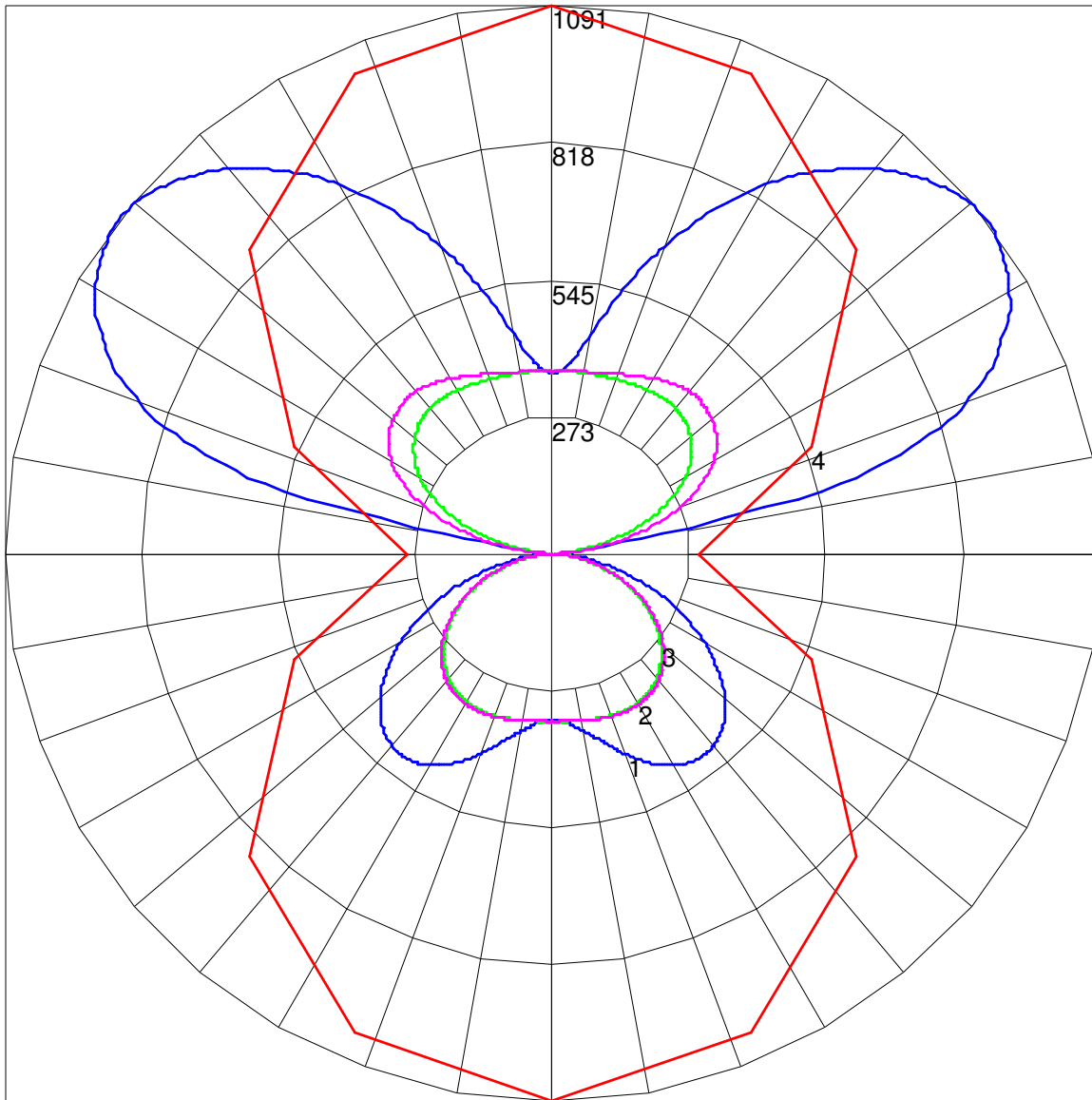
12H	4H	8.7	9.0	9.8	10.2	11.7	11.3	11.6	12.4	12.8
	6H	9.1	9.4	10.2	10.5	12.1	11.9	12.2	13.0	13.3
	8H	9.2	9.4	10.3	10.6	12.2	12.1	12.3	13.2	13.5

Maximum UGR = 15.2

IES INDOOR REPORT

PHOTOMETRIC FILENAME : SDI5-8-L16-840-DMA-70U-30D-(L6)-(LPW150)-DIM-UNV_.IES

POLAR GRAPH



Maximum Candela = 1090.89 Located At Horizontal Angle = 90, Vertical Angle = 127.5

1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)

2 - Vertical Plane Through Horizontal Angles (5 - 185)

3 - Vertical Plane Through Horizontal Angles (10 - 190)

4 - Horizontal Cone Through Vertical Angle (127.5) (Through Max. Cd.)