



IES INDOOR REPORT

PHOTOMETRIC FILENAME : SDI5-8-L16-840-DMA-70U-30D-(L11)-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-(L11)-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	9102
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	153
Total Luminaire Watts	59.3
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	1536	1777	2068
55	1554	1750	1979
65	1491	1539	1704
75	1240	1098	1167
85	568	346	343

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-8-L16-840-DMA-70U-30D-(L11)-DIM-UNV_.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	609.806	609.806	609.806	609.806	609.806
0.5	616.762	610.578	607.487	609.290	607.401
1.0	616.762	610.664	607.745	609.720	607.916
1.5	616.847	610.836	608.088	610.493	608.689
2.0	616.847	611.008	608.689	611.437	609.806
2.5	616.933	611.180	609.462	612.640	611.265
3.0	617.019	611.523	610.321	614.185	613.069
3.5	617.105	611.867	611.351	615.903	615.216
4.0	617.191	612.210	612.468	617.878	617.620
4.5	617.277	612.640	613.842	620.025	620.197
5.0	617.449	613.241	615.302	622.515	623.116
5.5	617.534	613.756	616.847	625.092	626.294
6.0	617.706	614.357	618.565	628.011	629.815
6.5	617.878	615.044	620.368	631.017	633.507
7.0	618.050	615.817	622.344	634.280	637.458
7.5	618.307	616.504	624.405	637.801	641.494
8.0	618.565	617.363	626.637	641.408	645.874
8.5	618.908	618.221	628.956	645.187	646.904
9.0	619.166	619.166	631.360	646.045	651.627
9.5	619.510	620.111	633.937	650.081	656.179
10.0	619.853	621.055	636.599	654.204	661.159
10.5	620.111	622.086	639.261	658.583	666.054
11.0	620.454	623.116	642.095	663.220	668.030
11.5	620.884	624.233	644.929	666.827	673.440
12.0	621.227	625.349	647.935	669.404	678.850
12.5	621.656	626.551	648.192	674.298	684.260
13.0	622.000	627.754	650.940	679.365	689.928
13.5	622.429	628.956	654.204	684.346	695.767
14.0	622.687	630.244	657.467	689.670	701.693
14.5	623.031	631.446	660.902	694.995	707.962
15.0	623.374	632.734	662.791	700.405	714.059
15.5	623.718	634.023	665.539	705.901	720.414
16.0	624.061	635.397	668.287	711.569	726.769
16.5	624.405	636.685	671.980	717.580	733.467
17.0	624.662	637.973	675.758	723.334	739.908
17.5	624.920	639.261	679.365	729.259	746.434
18.0	625.177	640.635	683.144	735.442	753.219
18.5	625.349	641.923	686.922	741.454	760.260
19.0	625.521	643.211	690.787	747.637	767.302
19.5	625.693	644.500	694.393	753.734	774.172
20.0	625.779	645.702	698.258	759.659	781.300
20.5	625.950	646.904	701.865	765.585	788.256
21.0	625.950	648.106	705.471	771.424	795.126
21.5	625.950	649.309	709.164	777.264	802.254
22.0	625.950	650.425	712.685	783.018	808.952
22.5	625.950	651.541	716.120	788.685	815.650
23.0	625.864	652.572	719.641	794.181	822.177
23.5	625.779	651.971	722.818	799.935	828.274
24.0	625.607	651.198	726.168	805.259	834.286
24.5	625.349	652.142	729.345	810.584	840.211
25.0	625.177	653.001	732.351	815.822	845.707
25.5	624.834	653.774	735.614	820.889	851.461
26.0	624.490	654.461	738.620	825.784	856.871
26.5	624.061	655.062	741.454	830.335	862.195

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-8-L16-840-DMA-70U-30D-(L11)-DIM-UNV_.IES****CANDELA TABULATION - (Cont.)**

27.0	623.632	655.663	744.459	834.801	867.348
27.5	623.031	656.093	746.864	839.266	872.500
28.0	622.429	656.522	749.440	843.560	877.653
28.5	621.742	656.866	751.845	847.510	881.947
29.0	620.884	656.952	753.991	851.375	886.241
29.5	620.025	657.037	755.967	854.982	890.534
30.0	619.080	657.037	757.942	858.503	894.828
30.5	618.050	656.780	759.402	861.336	898.263
31.0	616.933	656.608	761.205	864.771	902.557
31.5	615.731	656.179	762.493	867.348	905.992
32.0	614.443	655.749	763.695	869.924	908.568
32.5	613.069	655.234	764.640	872.500	912.003
33.0	611.609	654.547	765.585	874.218	913.721
33.5	610.063	654.719	766.272	876.794	916.297
34.0	608.432	654.461	766.615	877.653	918.015
34.5	606.714	653.345	766.959	879.370	919.732
35.0	604.911	652.228	767.045	880.229	920.591
35.5	603.021	652.572	766.959	881.088	921.450
36.0	601.046	651.198	766.787	881.088	922.308
36.5	598.985	649.652	766.272	881.088	923.167
37.0	596.838	648.020	765.585	881.088	923.167
37.5	594.606	646.217	764.812	881.088	923.167
38.0	592.201	644.242	763.695	880.229	922.308
38.5	589.796	642.181	762.579	879.370	921.450
39.0	587.220	639.948	761.205	878.512	920.591
39.5	584.558	637.629	759.573	876.794	919.732
40.0	581.724	635.139	757.770	875.077	917.156
40.5	578.890	632.563	755.709	873.359	915.438
41.0	575.970	629.901	753.476	870.783	912.862
41.5	572.965	627.067	751.243	869.065	910.286
42.0	569.873	624.061	748.581	865.630	907.710
42.5	566.610	621.055	745.747	863.054	904.274
43.0	563.261	617.878	742.656	859.619	900.839
43.5	559.826	614.529	739.393	856.098	897.404
44.0	556.219	611.094	735.872	852.148	893.111
44.5	552.526	607.573	732.265	848.112	888.817
45.0	548.834	603.880	728.229	843.646	884.523
45.5	544.969	600.016	724.278	838.837	879.370
46.0	541.019	596.065	719.813	834.028	874.218
46.5	537.069	591.943	715.433	829.047	869.065
47.0	532.861	587.735	710.710	823.637	863.054
47.5	528.653	583.270	705.815	818.055	857.214
48.0	524.359	578.804	700.834	812.130	851.203
48.5	519.893	574.081	695.596	806.032	844.934
49.0	515.428	569.272	690.357	799.763	838.150
49.5	510.705	564.377	684.604	793.151	831.537
50.0	506.067	559.311	678.850	786.367	824.238
50.5	501.172	554.158	672.924	779.497	816.939
51.0	496.278	548.920	666.827	772.369	809.296
51.5	491.297	543.509	661.417	764.898	801.309
52.0	486.230	537.927	657.209	757.169	793.151
52.5	480.992	532.260	650.511	749.440	784.821
53.0	475.753	526.506	646.818	741.368	776.233
53.5	470.429	520.666	639.605	733.124	767.302
54.0	464.933	514.655	632.305	724.450	758.285
54.5	459.437	508.644	624.920	715.862	748.839

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55.0	453.855	502.461	617.277	706.931	739.307
55.5	448.101	496.278	609.548	697.743	729.689
56.0	442.176	489.923	601.647	688.468	719.641
56.5	436.164	483.396	593.661	679.108	709.765
57.0	430.239	476.698	585.503	671.894	699.804
57.5	424.142	469.999	577.259	662.791	689.584
58.0	417.873	463.129	568.757	652.744	678.936
58.5	411.690	456.173	560.083	642.524	671.808
59.0	405.421	449.046	551.324	632.906	661.159
59.5	399.323	441.832	542.393	625.092	650.253
60.0	393.055	434.533	533.462	614.357	639.175
60.5	386.786	427.233	524.273	603.708	628.183
61.0	380.517	420.020	515.084	592.888	620.111
61.5	374.076	412.720	505.638	581.982	608.603
62.0	367.378	405.335	496.278	570.990	596.924
62.5	360.422	397.864	486.831	559.826	585.073
63.0	353.466	390.307	477.213	548.576	573.308
63.5	346.424	382.664	467.681	537.326	561.114
64.0	339.296	374.935	458.063	525.991	549.005
64.5	332.168	367.120	448.445	514.741	536.983
65.0	324.955	359.305	438.826	503.491	525.046
65.5	317.655	351.405	429.122	492.070	512.937
66.0	310.356	343.418	419.247	480.820	500.829
66.5	302.971	335.346	409.285	469.484	488.806
67.0	295.585	327.188	399.323	457.977	476.698
67.5	288.028	318.944	389.276	446.298	464.418
68.0	280.471	310.614	379.228	434.447	452.051
68.5	272.828	302.112	368.923	422.338	439.428
69.0	265.099	293.696	358.361	410.144	426.718
69.5	257.370	285.194	347.798	397.864	413.837
70.0	249.556	276.607	337.063	385.497	401.041
70.5	241.741	267.933	326.329	372.960	388.074
71.0	233.840	259.260	315.594	360.508	375.106
71.5	225.940	250.500	304.688	348.056	362.139
72.0	217.953	241.655	293.782	335.518	349.172
72.5	209.881	232.724	282.790	322.980	336.376
73.0	201.809	223.879	271.969	310.614	323.495
73.5	193.822	215.034	261.149	298.333	310.614
74.0	185.750	206.360	250.500	286.053	297.818
74.5	177.935	197.687	239.852	273.944	285.023
75.0	170.035	189.013	229.289	261.750	272.313
75.5	162.220	180.340	218.812	249.642	259.431
76.0	154.319	171.666	208.335	237.619	246.894
76.5	146.504	163.079	198.116	225.768	234.356
77.0	138.776	154.577	187.897	214.003	221.990
77.5	131.133	146.161	177.849	202.324	209.795
78.0	123.490	137.831	167.802	190.731	197.772
78.5	115.847	129.587	157.754	179.309	185.836
79.0	108.376	121.343	147.879	168.059	173.985
79.5	100.990	113.356	138.003	156.895	162.392
80.0	93.777	105.370	128.471	145.903	151.142
80.5	86.649	97.641	118.938	135.255	140.064
81.0	79.607	89.912	109.578	124.778	129.158
81.5	72.651	82.355	100.475	114.473	118.509
82.0	65.781	74.970	91.458	104.339	108.118
82.5	59.598	67.670	82.699	94.549	97.899

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83.0	53.329	60.628	74.197	85.103	88.109
83.5	47.146	53.844	66.039	76.000	78.577
84.0	41.049	47.318	58.224	67.069	69.302
84.5	35.209	41.049	50.753	58.567	60.457
85.0	29.713	34.952	43.625	50.495	51.955
85.5	24.389	29.198	36.927	42.852	43.969
86.0	19.408	23.788	30.744	35.810	36.497
86.5	14.685	18.893	24.990	29.370	29.713
87.0	10.391	14.341	19.837	23.530	23.358
87.5	6.698	10.391	15.286	18.034	17.519
88.0	3.521	6.956	10.906	13.139	12.624
88.5	0.859	4.122	7.385	9.532	9.704
89.0	0.000	2.405	5.153	7.128	7.128
89.5	0.000	1.116	3.779	5.582	4.809
90.0	0.000	1.975	4.208	6.011	4.895
90.5	0.000	4.036	5.410	5.324	5.067
91.0	0.859	7.643	9.962	9.704	9.532
91.5	2.920	11.937	15.200	15.973	15.200
92.0	5.324	16.488	20.524	21.984	21.555
92.5	8.244	21.641	26.192	27.652	27.137
93.0	11.593	30.829	31.431	33.835	33.320
93.5	15.372	49.636	36.411	39.589	39.503
94.0	19.408	70.676	42.079	45.085	45.085
94.5	23.788	95.494	48.434	50.753	50.753
95.0	28.597	129.158	55.819	57.193	56.936
95.5	33.663	160.674	65.008	64.407	63.806
96.0	39.074	184.977	85.103	72.479	71.535
96.5	44.913	213.660	127.955	81.325	79.951
97.0	51.096	245.605	181.885	90.771	89.139
97.5	57.537	271.798	238.821	103.824	98.843
98.0	63.634	293.696	311.472	136.285	109.492
98.5	70.504	314.650	399.581	195.797	133.795
99.0	77.632	341.185	487.175	262.351	187.210
99.5	85.189	368.923	547.717	330.279	258.401
100.0	92.918	391.079	597.869	417.787	327.531
100.5	100.733	413.751	642.267	532.174	405.335
101.0	108.805	433.760	683.917	661.589	511.134
101.5	117.049	455.744	729.431	784.048	644.156
102.0	125.551	476.870	766.615	868.207	794.954
102.5	134.224	495.247	805.174	936.049	924.026
103.0	143.155	514.054	849.915	998.738	1009.902
103.5	152.172	533.204	890.534	1050.264	1082.897
104.0	161.275	552.698	918.873	1093.202	1148.162
104.5	170.464	574.253	938.625	1139.575	1197.970
105.0	179.910	597.096	963.529	1187.665	1237.473
105.5	189.271	618.136	996.162	1228.027	1280.411
106.0	198.717	638.574	1030.512	1266.671	1328.502
106.5	208.249	658.669	1064.004	1309.609	1371.440
107.0	217.867	677.562	1092.343	1353.406	1408.367
107.5	227.314	695.338	1115.529	1387.756	1447.011
108.0	236.588	712.943	1133.563	1413.519	1490.808
108.5	245.949	729.002	1152.456	1434.129	1531.169
109.0	255.309	744.202	1173.925	1455.599	1562.944
109.5	264.756	759.058	1200.547	1481.361	1587.848
110.0	273.944	773.829	1227.168	1509.700	1608.458
110.5	282.961	788.599	1250.355	1537.181	1629.927

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111.0	291.807	803.113	1267.530	1564.661	1653.113
111.5	300.652	817.454	1283.846	1589.565	1678.876
112.0	309.583	830.936	1300.163	1612.752	1703.780
112.5	318.686	843.990	1316.479	1630.786	1727.825
113.0	327.789	856.613	1332.796	1645.385	1749.294
113.5	336.806	868.207	1348.253	1659.983	1769.046
114.0	345.651	879.370	1363.711	1674.582	1784.504
114.5	354.324	890.534	1377.451	1692.616	1798.244
115.0	362.998	901.698	1393.768	1713.227	1809.408
115.5	371.671	912.003	1410.943	1732.978	1821.430
116.0	380.087	922.308	1427.259	1748.436	1835.171
116.5	388.245	931.755	1443.576	1760.458	1853.204
117.0	396.232	941.201	1459.034	1770.763	1871.238
117.5	404.133	948.930	1472.774	1781.927	1887.555
118.0	412.119	956.659	1486.514	1792.232	1898.719
118.5	419.934	964.388	1498.537	1803.396	1906.448
119.0	427.577	971.258	1509.700	1813.701	1915.035
119.5	435.048	977.269	1520.006	1823.148	1923.623
120.0	442.176	983.280	1527.734	1832.594	1933.069
120.5	449.046	987.574	1535.463	1840.323	1940.798
121.0	455.658	992.727	1541.475	1848.052	1948.527
121.5	462.099	997.021	1547.486	1856.640	1954.538
122.0	468.454	1001.314	1551.780	1864.368	1960.549
122.5	474.809	1004.749	1555.215	1872.097	1965.702
123.0	481.077	1008.184	1557.791	1878.967	1970.855
123.5	487.175	1012.478	1560.367	1884.120	1976.007
124.0	493.100	1015.055	1562.085	1889.272	1982.018
124.5	498.854	1017.631	1563.802	1893.566	1987.171
125.0	504.607	1019.348	1564.661	1897.001	1991.465
125.5	510.275	1021.066	1565.520	1899.578	1995.759
126.0	515.857	1022.783	1566.379	1901.295	1999.194
126.5	521.439	1022.783	1567.237	1903.013	2000.911
127.0	526.849	1023.642	1567.237	1903.013	2002.629
127.5	532.088	1023.642	1567.237	1902.154	2003.487
128.0	537.069	1023.642	1567.237	1901.295	2002.629
128.5	541.878	1022.783	1566.379	1899.578	2002.629
129.0	546.601	1021.925	1565.520	1897.001	2000.911
129.5	551.152	1021.066	1563.802	1894.425	1998.335
130.0	555.618	1020.207	1562.085	1890.990	1994.900
130.5	559.826	1020.207	1559.508	1886.696	1991.465
131.0	563.948	1018.490	1556.932	1882.402	1987.171
131.5	567.984	1017.631	1552.638	1877.250	1982.018
132.0	571.934	1015.913	1549.203	1872.956	1976.866
132.5	575.713	1015.055	1544.910	1866.945	1970.855
133.0	579.320	1014.196	1539.757	1860.933	1964.843
133.5	582.926	1012.478	1534.604	1854.922	1957.973
134.0	586.361	1010.761	1528.593	1848.052	1951.103
134.5	589.711	1009.043	1522.582	1841.182	1943.374
135.0	592.888	1007.326	1516.570	1833.453	1935.645
135.5	595.894	1005.608	1510.559	1825.724	1927.058
136.0	598.728	1003.032	1503.689	1817.995	1918.470
136.5	601.562	999.597	1495.960	1809.408	1909.883
137.0	604.310	997.021	1489.090	1800.820	1900.436
137.5	606.972	993.586	1482.220	1792.232	1890.990
138.0	609.548	990.150	1474.491	1782.786	1880.685
138.5	612.038	986.715	1466.762	1773.340	1870.380

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-8-L16-840-DMA-70U-30D-(L11)-DIM-UNV_.IES****CANDELA TABULATION - (Cont.)**

139.0	614.357	982.422	1458.175	1763.893	1860.075
139.5	616.590	978.128	1449.587	1753.588	1848.911
140.0	618.737	973.834	1441.000	1743.283	1836.888
140.5	620.712	969.540	1432.412	1732.119	1825.724
141.0	622.687	965.246	1422.966	1720.955	1813.701
141.5	624.490	960.094	1413.519	1708.933	1800.820
142.0	626.122	954.083	1404.073	1696.910	1788.797
142.5	627.754	948.930	1394.627	1684.887	1775.916
143.0	629.299	943.777	1384.321	1672.865	1763.035
143.5	630.759	937.766	1374.875	1659.983	1750.153
144.0	632.133	931.755	1363.711	1647.102	1737.272
144.5	633.422	926.602	1352.547	1634.221	1723.532
145.0	634.710	920.591	1342.242	1620.480	1709.792
145.5	635.998	915.438	1331.078	1606.740	1696.910
146.0	637.200	909.427	1319.056	1593.859	1683.170
146.5	638.231	903.416	1307.892	1579.260	1668.571
147.0	639.261	897.404	1296.728	1565.520	1653.972
147.5	640.292	891.393	1285.564	1550.921	1638.514
148.0	641.322	885.382	1273.541	1537.181	1623.915
148.5	642.181	879.370	1262.377	1521.723	1607.599
149.0	643.125	873.359	1251.214	1507.124	1592.141
149.5	643.984	867.348	1239.191	1492.525	1575.825
150.0	644.671	860.478	1227.168	1477.068	1559.508
150.5	645.444	854.810	1215.146	1461.610	1543.192
151.0	646.131	848.541	1203.982	1446.152	1526.017
151.5	646.818	842.444	1191.959	1430.694	1509.700
152.0	647.505	836.432	1179.078	1414.378	1492.525
152.5	648.192	830.335	1167.055	1398.920	1474.491
153.0	648.965	824.582	1155.032	1382.604	1456.457
153.5	649.738	818.570	1142.151	1366.287	1438.423
154.0	650.511	812.731	1130.128	1349.971	1420.389
154.5	651.284	806.891	1117.247	1332.796	1402.355
155.0	651.971	801.223	1104.366	1316.479	1383.463
155.5	652.658	795.470	1091.484	1299.304	1365.429
156.0	653.259	789.973	1078.603	1282.129	1346.536
156.5	653.860	784.821	1065.721	1264.954	1327.643
157.0	654.547	779.582	1051.981	1247.779	1309.609
157.5	655.320	774.688	1038.241	1229.745	1290.717
158.0	655.921	769.707	1024.501	1212.569	1271.824
158.5	656.522	764.898	1010.761	1195.394	1253.790
159.0	657.209	760.175	997.879	1177.360	1234.897
159.5	657.724	755.537	984.139	1160.185	1216.004
160.0	658.411	751.158	970.399	1142.151	1196.253
160.5	659.013	746.692	956.659	1124.117	1177.360
161.0	659.700	742.398	942.919	1106.083	1158.467
161.5	660.301	738.018	930.037	1088.049	1139.575
162.0	660.816	733.896	916.297	1070.015	1120.682
162.5	661.417	729.946	902.557	1051.981	1100.931
163.0	661.932	726.168	889.676	1033.947	1081.179
163.5	662.448	722.303	875.935	1015.913	1061.428
164.0	662.963	718.611	863.054	997.021	1041.676
164.5	663.478	715.175	850.430	978.987	1021.925
165.0	663.993	711.998	837.892	960.953	1003.032
165.5	664.509	708.821	825.698	942.919	983.280
166.0	665.024	705.815	814.105	924.885	963.529
166.5	665.625	702.895	802.511	907.710	944.636

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-8-L16-840-DMA-70U-30D-(L11)-DIM-UNV_.IES****CANDELA TABULATION - (Cont.)**

167.0	666.054	700.147	791.519	889.676	924.885
167.5	666.570	697.399	781.214	872.500	905.992
168.0	666.999	694.651	771.253	855.669	887.099
168.5	667.428	691.989	761.892	839.180	868.207
169.0	667.858	689.584	753.047	823.036	850.001
169.5	668.287	687.352	744.287	807.836	832.396
170.0	668.631	685.119	736.043	793.323	815.393
170.5	668.974	683.230	728.143	779.754	799.506
171.0	669.232	681.169	720.843	767.388	784.392
171.5	669.489	679.193	713.973	755.709	770.222
172.0	669.575	677.476	707.790	744.631	757.770
172.5	669.661	675.844	702.122	734.068	745.576
173.0	669.747	674.298	696.798	724.536	734.154
173.5	669.833	672.924	691.817	715.691	723.849
174.0	669.919	671.465	687.094	707.361	714.145
174.5	669.919	670.176	682.886	700.405	705.471
175.0	669.919	669.060	678.936	693.878	697.571
175.5	669.919	667.944	675.587	687.953	690.529
176.0	669.833	666.999	672.581	682.543	684.346
176.5	669.747	666.226	669.747	677.905	678.764
177.0	669.575	665.453	667.428	673.783	673.955
177.5	669.489	664.766	665.367	670.348	670.091
178.0	669.404	664.251	663.822	667.858	666.913
178.5	669.404	663.993	662.619	665.539	664.423
179.0	669.318	663.736	661.675	664.165	662.705
179.5	669.318	663.478	661.245	663.306	661.675
180.0	663.220	663.220	663.220	663.220	663.220

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-8-L16-840-DMA-70U-30D-(L11)-DIM-UNV_.IES****ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	249.84	N.A.	2.70
0-30	589.86	N.A.	6.50
0-40	1068.76	N.A.	11.70
0-60	2165.29	N.A.	23.80
0-80	2829.94	N.A.	31.10
0-90	2883.7	N.A.	31.70
10-90	2824.06	N.A.	31.00
20-40	818.93	N.A.	9.00
20-50	1375.49	N.A.	15.10
40-70	1522.6	N.A.	16.70
60-80	664.65	N.A.	7.30
70-80	238.57	N.A.	2.60
80-90	53.76	N.A.	0.60
90-110	1002.74	N.A.	11.00
90-120	2258.46	N.A.	24.80
90-130	3536.23	N.A.	38.90
90-150	5417.1	N.A.	59.50
90-180	6218.25	N.A.	68.30
110-180	5215.52	N.A.	57.30
0-180	9101.95	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	59.64
10-20	190.20
20-30	340.02
30-40	478.91
40-50	556.56
50-60	539.97
60-70	426.08
70-80	238.57
80-90	53.76
90-100	122.84
100-110	879.89
110-120	1255.72
120-130	1277.77
130-140	1085.97
140-150	794.90
150-160	493.36
160-170	240.93
170-180	66.86

IES INDOOR REPORT

PHOTOMETRIC FILENAME : SDI5-8-L16-840-DMA-70U-30D-(L11)-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-(L11)-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

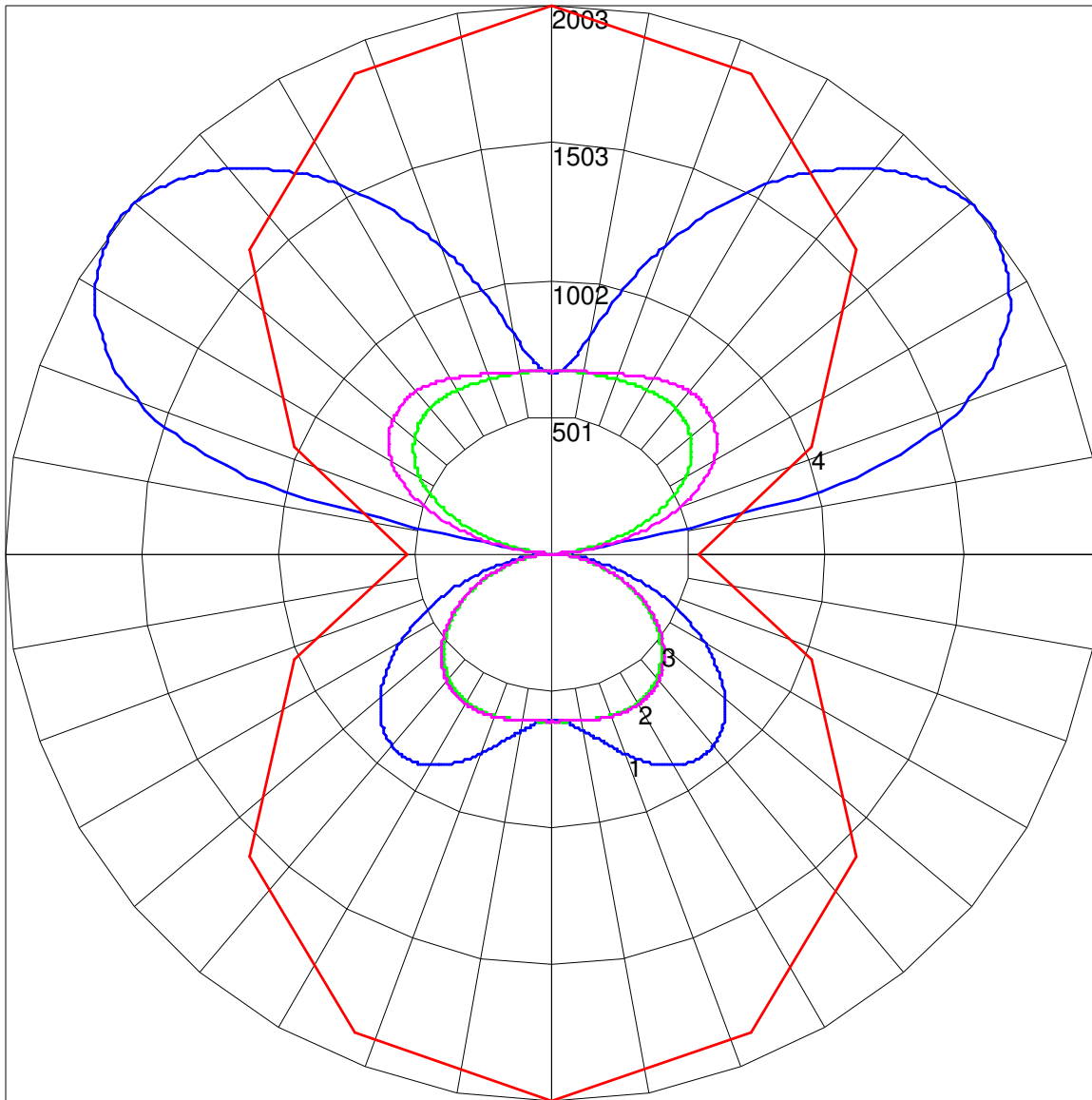
X=2H	Y=2H	7.7	8.0	8.3	9.0	10.6	10.3	11.1	11.4	12.2	13.7
	3H	8.8	9.4	9.9	10.5	12.0	12.2	12.9	13.3	14.0	15.5
	4H	9.2	9.9	10.3	11.0	12.5	12.8	13.4	13.9	14.5	16.1
	6H	9.4	10.0	10.6	11.1	12.7	13.2	13.8	14.3	14.9	16.4
	8H	9.5	10.0	10.6	11.2	12.7	13.3	13.8	14.4	14.9	16.5
	12H	9.5	10.0	10.6	11.1	12.7	13.3	13.8	14.4	14.9	16.5

UGR Viewed Endwise

4H	2H	8.2	8.8	9.3	9.9	11.4	10.6	11.2	11.7	12.3	13.9
	3H	9.8	10.4	11.0	11.5	13.0	12.6	13.2	13.8	14.3	15.8
	4H	10.4	10.9	11.5	12.0	13.5	13.4	13.9	14.5	15.0	16.5
	6H	10.7	11.1	11.8	12.2	13.8	13.9	14.3	15.0	15.4	17.0
	8H	10.7	11.1	11.9	12.2	13.8	14.0	14.4	15.1	15.5	17.1
	12H	10.7	11.1	11.8	12.2	13.8	14.0	14.4	15.2	15.5	17.1
8H	4H	10.8	11.1	11.9	12.3	13.8	13.4	13.8	14.6	15.0	16.5
	6H	11.1	11.5	12.3	12.6	14.2	14.0	14.3	15.2	15.5	17.1
	8H	11.2	11.5	12.4	12.7	14.2	14.2	14.5	15.3	15.6	17.2
	12H	11.2	11.5	12.4	12.6	14.2	14.3	14.5	15.4	15.7	17.3
12H	4H	10.8	11.1	11.9	12.3	13.8	13.4	13.7	14.5	14.9	16.5
	6H	11.2	11.5	12.3	12.6	14.2	14.0	14.3	15.1	15.4	17.0
	8H	11.3	11.5	12.4	12.7	14.3	14.2	14.4	15.3	15.6	17.2

Maximum UGR = 17.3

POLAR GRAPH



Maximum Candela = 2003.487 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.)