



IES INDOOR REPORT

PHOTOMETRIC FILENAME : SDI5-4-L27-835-DMA-30U-70D-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] GEN FROM 12731921.05
[TESTLAB] UL Verification Services Inc.
[ISSUEDATE] 04-21-2023
[MANUFAC] WILLIAMS INDOOR
[OTHER] H.E. WILLIAMS, INC. - CARTHAGE, MO.64836
[LUMINAIRE] 4' SUSPENDED LED LUMINAIRE
[MORE] WITH FROSTED ACRYLIC LENS
[LUMCAT] SDI5-4-L27-835-DMA-30U-70D-DIM-UNV
[LAMPCAT] HLM 80 CRI, 3500K 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	10078
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	129
Total Luminaire Watts	78
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)	3.77 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	15001	13625	14177
55	14261	12182	12441
65	12942	9899	9839
75	10368	6503	6217
85	4634	1846	1669

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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	2086.373	2086.373	2086.373	2086.373	2086.373
0.5	2137.510	2097.623	2073.078	2070.010	2072.055
1.0	2137.510	2097.623	2073.078	2070.010	2072.055
1.5	2137.510	2097.623	2073.078	2071.032	2072.055
2.0	2137.510	2096.601	2073.078	2071.032	2073.078
2.5	2136.487	2096.601	2073.078	2072.055	2074.101
3.0	2136.487	2096.601	2073.078	2073.078	2075.123
3.5	2135.464	2095.578	2074.101	2074.101	2076.146
4.0	2134.442	2094.555	2074.101	2075.123	2078.191
4.5	2133.419	2094.555	2074.101	2076.146	2080.237
5.0	2132.396	2093.532	2074.101	2078.191	2082.282
5.5	2131.374	2092.510	2075.123	2079.214	2084.328
6.0	2129.328	2091.487	2075.123	2081.260	2086.373
6.5	2128.305	2090.464	2076.146	2083.305	2088.419
7.0	2126.260	2089.442	2076.146	2085.351	2091.487
7.5	2124.214	2088.419	2077.169	2087.396	2094.555
8.0	2122.169	2087.396	2077.169	2089.442	2096.601
8.5	2120.123	2085.351	2078.191	2091.487	2099.669
9.0	2117.055	2084.328	2079.214	2094.555	2102.737
9.5	2115.010	2082.282	2079.214	2096.601	2105.805
10.0	2111.942	2081.260	2080.237	2098.646	2108.873
10.5	2108.873	2079.214	2081.260	2101.714	2112.964
11.0	2104.782	2077.169	2081.260	2104.782	2116.033
11.5	2101.714	2075.123	2082.282	2107.851	2119.101
12.0	2098.646	2073.078	2082.282	2109.896	2123.192
12.5	2094.555	2070.010	2082.282	2112.964	2126.260
13.0	2090.464	2067.964	2083.305	2115.010	2130.351
13.5	2086.373	2064.896	2083.305	2118.078	2134.442
14.0	2082.282	2061.828	2083.305	2121.146	2138.533
14.5	2078.191	2058.760	2082.282	2123.192	2142.624
15.0	2074.101	2055.691	2082.282	2126.260	2145.692
15.5	2068.987	2052.623	2082.282	2128.305	2149.783
16.0	2064.896	2048.532	2081.260	2130.351	2153.874
16.5	2059.782	2045.464	2080.237	2132.396	2157.965
17.0	2055.691	2041.373	2079.214	2134.442	2161.033
17.5	2050.578	2037.282	2078.191	2136.487	2164.101
18.0	2045.464	2033.191	2077.169	2138.533	2167.169
18.5	2039.328	2028.078	2076.146	2140.578	2169.215
19.0	2034.214	2023.987	2074.101	2141.601	2172.283
19.5	2029.100	2018.873	2072.055	2143.646	2174.328
20.0	2022.964	2014.782	2070.010	2143.646	2176.374
20.5	2016.828	2009.668	2067.964	2144.669	2177.396
21.0	2010.691	2004.555	2065.919	2145.692	2179.442
21.5	2004.555	2000.464	2063.873	2145.692	2180.465
22.0	1998.418	1995.350	2061.828	2145.692	2181.487
22.5	1991.259	1990.237	2059.782	2145.692	2182.510
23.0	1985.123	1985.123	2057.737	2145.692	2183.533
23.5	1977.964	1978.986	2055.691	2145.692	2184.556
24.0	1970.805	1973.873	2053.646	2145.692	2184.556
24.5	1964.668	1967.736	2050.578	2145.692	2185.578
25.0	1956.486	1962.623	2048.532	2144.669	2185.578
25.5	1949.327	1956.486	2045.464	2143.646	2185.578
26.0	1942.168	1950.350	2042.396	2143.646	2184.556
26.5	1935.009	1945.236	2039.328	2141.601	2184.556

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-4-L27-835-DMA-30U-70D-DIM-UNV_.IES****CANDELA TABULATION - (Cont.)**

27.0	1926.827	1938.077	2035.237	2140.578	2183.533
27.5	1919.668	1931.941	2031.146	2138.533	2182.510
28.0	1911.486	1925.804	2027.055	2136.487	2181.487
28.5	1903.304	1918.645	2022.964	2134.442	2179.442
29.0	1895.122	1912.509	2018.873	2131.374	2177.396
29.5	1886.941	1905.350	2013.759	2128.305	2175.351
30.0	1877.736	1898.191	2008.646	2125.237	2172.283
30.5	1869.554	1891.032	2003.532	2122.169	2169.215
31.0	1861.372	1882.850	1998.418	2118.078	2166.146
31.5	1852.168	1875.691	1993.305	2115.010	2163.078
32.0	1843.986	1867.509	1987.168	2110.919	2158.987
32.5	1834.781	1859.327	1981.032	2106.828	2154.896
33.0	1824.554	1851.145	1974.896	2101.714	2150.805
33.5	1815.349	1842.963	1968.759	2097.623	2146.715
34.0	1805.122	1833.759	1962.623	2092.510	2141.601
34.5	1794.895	1824.554	1955.464	2086.373	2136.487
35.0	1784.667	1815.349	1948.304	2080.237	2131.374
35.5	1773.417	1806.145	1940.123	2074.101	2125.237
36.0	1763.190	1796.940	1932.964	2067.964	2119.101
36.5	1751.940	1786.713	1923.759	2059.782	2111.942
37.0	1739.667	1776.486	1915.577	2052.623	2104.782
37.5	1728.417	1766.258	1906.372	2043.419	2096.601
38.0	1716.144	1756.031	1897.168	2035.237	2087.396
38.5	1704.894	1744.781	1886.941	2025.009	2078.191
39.0	1692.621	1733.531	1876.713	2015.805	2067.964
39.5	1680.349	1721.258	1865.463	2004.555	2057.737
40.0	1668.076	1710.008	1855.236	1994.327	2045.464
40.5	1655.803	1697.735	1842.963	1982.055	2034.214
41.0	1642.508	1685.462	1831.713	1969.782	2021.941
41.5	1629.212	1673.190	1819.440	1957.509	2008.646
42.0	1615.917	1659.894	1807.167	1944.214	1995.350
42.5	1601.598	1646.599	1793.872	1930.918	1981.032
43.0	1588.303	1633.303	1780.576	1916.600	1966.714
43.5	1573.985	1620.008	1766.258	1902.282	1951.373
44.0	1559.666	1605.689	1751.940	1887.963	1937.054
44.5	1545.348	1591.371	1737.622	1872.622	1920.691
45.0	1530.007	1577.053	1723.303	1857.281	1905.350
45.5	1514.666	1562.735	1707.962	1840.918	1888.986
46.0	1499.325	1547.394	1692.621	1824.554	1872.622
46.5	1482.961	1532.053	1677.281	1808.190	1855.236
47.0	1467.620	1516.712	1660.917	1790.804	1837.849
47.5	1451.257	1500.348	1644.553	1773.417	1819.440
48.0	1434.893	1485.007	1628.189	1755.008	1802.054
48.5	1419.552	1468.643	1610.803	1737.622	1782.622
49.0	1402.166	1452.279	1594.439	1719.213	1764.213
49.5	1385.802	1435.916	1576.030	1699.781	1744.781
50.0	1369.438	1418.529	1558.644	1681.371	1725.349
50.5	1353.074	1402.166	1541.257	1661.940	1704.894
51.0	1335.688	1384.779	1522.848	1642.508	1684.440
51.5	1319.324	1367.393	1504.439	1623.076	1663.985
52.0	1302.961	1351.029	1486.030	1602.621	1642.508
52.5	1286.597	1333.643	1466.598	1582.166	1622.053
53.0	1269.210	1315.233	1447.166	1561.712	1600.576
53.5	1251.824	1297.847	1428.757	1541.257	1578.076
54.0	1234.438	1280.460	1409.325	1519.780	1556.598
54.5	1217.051	1262.051	1388.870	1498.302	1534.098

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CANDELA TABULATION - (Cont.)

55.0	1198.642	1243.642	1369.438	1476.825	1512.621
55.5	1181.255	1225.233	1348.984	1455.348	1490.121
56.0	1163.869	1207.847	1329.552	1433.870	1467.620
56.5	1145.460	1188.415	1309.097	1411.370	1444.098
57.0	1127.051	1170.005	1288.642	1388.870	1421.598
57.5	1108.642	1151.596	1267.165	1366.370	1399.097
58.0	1089.210	1132.164	1246.710	1343.870	1376.597
58.5	1070.800	1113.755	1225.233	1321.370	1353.074
59.0	1052.391	1094.323	1204.778	1297.847	1329.552
59.5	1032.959	1074.891	1183.301	1275.347	1306.029
60.0	1014.550	1055.459	1161.824	1251.824	1282.506
60.5	995.425	1036.028	1140.346	1228.301	1257.960
61.0	976.709	1016.493	1117.846	1204.778	1233.415
61.5	957.277	996.652	1096.369	1181.255	1208.869
62.0	938.050	976.709	1074.891	1157.733	1184.324
62.5	918.618	956.868	1052.391	1134.210	1159.778
63.0	899.493	936.925	1029.891	1109.664	1135.233
63.5	880.368	916.675	1007.493	1086.141	1109.664
64.0	861.140	896.425	984.891	1061.596	1085.119
64.5	842.118	876.277	962.391	1037.050	1059.550
65.0	822.583	855.720	939.788	1012.505	1033.982
65.5	803.151	835.368	917.084	988.061	1009.232
66.0	783.720	815.117	894.481	963.414	983.766
66.5	764.288	794.663	871.879	938.766	958.504
67.0	744.651	774.310	848.868	913.913	933.141
67.5	724.912	753.856	826.061	889.265	907.879
68.0	705.276	733.503	803.356	864.311	882.618
68.5	685.537	712.844	780.447	839.356	857.254
69.0	665.799	692.287	757.844	814.708	832.402
69.5	645.753	671.526	734.833	789.856	807.549
70.0	625.605	650.867	712.128	765.106	782.185
70.5	605.560	630.310	689.219	740.253	757.129
71.0	585.719	609.446	666.208	715.606	731.765
71.5	565.673	588.685	643.401	690.855	706.606
72.0	545.628	567.821	620.492	666.208	681.344
72.5	525.582	547.059	597.685	641.560	656.185
73.0	505.536	526.298	574.878	617.014	631.026
73.5	485.593	505.639	552.071	592.673	605.866
74.0	465.854	484.980	529.468	568.332	580.503
74.5	446.116	464.423	507.173	544.196	555.753
75.0	426.479	444.173	484.980	520.059	530.900
75.5	406.741	423.718	462.582	496.332	506.355
76.0	387.820	403.468	440.491	472.707	481.809
76.5	368.899	383.422	418.604	449.082	457.366
77.0	350.081	363.581	396.718	425.763	433.332
77.5	331.467	344.047	375.445	402.650	409.911
78.0	312.751	324.717	354.172	379.843	386.593
78.5	294.240	305.490	333.104	357.547	363.888
79.0	276.138	286.672	312.445	335.354	341.183
79.5	258.240	267.956	291.990	313.570	318.888
80.0	240.342	249.649	271.842	291.888	297.001
80.5	222.956	231.649	252.103	270.819	275.626
81.0	205.365	213.751	232.569	250.058	254.456
81.5	188.387	196.262	213.546	229.706	233.797
82.0	171.614	179.285	195.035	209.865	213.649
82.5	155.251	162.512	177.035	190.535	194.012

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83.0	139.092	146.353	159.546	171.921	174.887
83.5	123.546	130.603	142.569	153.614	156.376
84.0	108.716	115.466	126.205	136.228	138.580
84.5	94.500	100.841	110.660	119.660	121.501
85.0	80.898	86.932	95.932	103.807	105.341
85.5	68.216	73.739	82.023	88.875	90.000
86.0	55.739	61.364	69.034	74.966	75.682
86.5	44.489	50.012	57.068	62.182	62.591
87.0	34.466	39.477	46.023	50.625	50.830
87.5	25.568	30.375	36.205	40.500	40.398
88.0	18.000	22.500	27.921	31.602	31.193
88.5	12.068	16.261	20.557	22.909	21.886
89.0	7.568	11.046	13.602	15.034	13.705
89.5	4.807	6.750	8.182	9.102	7.977
90.0	3.784	5.420	6.648	7.364	6.852
90.5	7.977	12.989	12.171	9.921	7.364
91.0	9.921	19.330	17.591	15.341	12.886
91.5	12.273	27.307	23.932	20.864	18.205
92.0	15.136	36.409	31.705	26.898	24.034
92.5	18.511	45.307	42.341	34.364	30.682
93.0	22.193	53.182	55.228	44.182	39.171
93.5	26.489	61.671	69.750	56.864	50.421
94.0	31.296	70.364	86.012	72.205	64.228
94.5	36.512	76.603	102.375	90.512	80.898
95.0	42.034	83.659	117.921	110.966	100.739
95.5	47.864	91.535	132.239	131.932	122.523
96.0	53.898	99.410	146.455	153.205	145.023
96.5	60.137	107.387	161.796	173.864	167.626
97.0	66.375	115.466	179.796	194.421	189.921
97.5	73.023	123.546	198.512	214.876	212.524
98.0	79.671	131.932	216.717	235.740	235.024
98.5	86.319	140.421	233.081	256.910	257.831
99.0	93.478	148.705	248.319	279.001	280.944
99.5	100.535	157.296	264.990	301.706	304.467
100.0	107.591	166.092	281.047	326.047	328.502
100.5	114.853	174.785	298.024	352.536	353.047
101.0	122.216	183.478	316.433	378.615	378.002
101.5	129.785	192.274	334.331	403.059	403.366
102.0	137.148	201.171	352.433	424.945	428.832
102.5	144.614	210.171	370.024	446.832	455.013
103.0	152.183	219.171	387.002	469.332	481.195
103.5	159.853	227.762	403.468	491.832	507.684
104.0	167.421	236.456	419.422	515.150	533.764
104.5	174.989	245.251	435.070	539.593	560.253
105.0	182.660	254.047	450.820	565.366	586.435
105.5	190.228	262.433	466.877	591.139	612.616
106.0	197.694	270.308	482.525	615.889	638.696
106.5	205.262	277.774	497.866	640.639	664.469
107.0	212.728	285.547	512.389	665.185	690.549
107.5	220.092	294.035	526.196	688.503	716.117
108.0	227.456	302.626	539.900	710.696	741.276
108.5	234.615	310.808	553.093	732.276	766.333
109.0	241.774	318.274	566.184	753.651	790.572
109.5	248.831	325.229	578.764	774.515	814.402
110.0	255.888	332.081	591.241	794.867	837.924
110.5	262.842	339.649	603.105	814.913	861.038

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CANDELA TABULATION - (Cont.)

111.0	269.694	347.729	614.355	834.243	883.845
111.5	276.444	355.604	624.992	853.061	905.834
112.0	283.092	363.172	634.810	871.265	927.311
112.5	289.638	370.127	643.912	888.754	948.379
113.0	296.081	376.570	652.298	905.322	968.323
113.5	302.320	382.297	660.378	921.379	988.061
114.0	308.558	387.411	667.946	936.618	1007.391
114.5	314.695	392.218	675.105	951.141	1025.800
115.0	320.626	397.127	681.753	964.743	1042.164
115.5	326.558	402.343	687.685	977.527	1058.528
116.0	332.286	407.661	692.901	989.186	1074.891
116.5	337.808	413.286	697.503	1000.027	1089.210
117.0	343.229	418.706	700.981	1009.743	1102.505
117.5	348.547	424.025	703.537	1018.334	1114.778
118.0	353.661	429.036	705.685	1025.800	1126.028
118.5	358.468	433.638	708.140	1032.959	1137.278
119.0	363.172	437.934	710.390	1039.096	1146.483
119.5	367.774	441.820	712.640	1043.187	1154.664
120.0	372.274	445.298	714.685	1047.278	1160.801
120.5	376.570	448.263	716.117	1049.323	1166.937
121.0	380.661	451.025	717.037	1051.369	1172.051
121.5	384.752	453.479	717.242	1051.369	1175.119
122.0	388.638	455.934	716.935	1051.369	1177.165
122.5	392.320	458.491	715.912	1050.346	1179.210
123.0	395.900	460.945	714.481	1048.300	1179.210
123.5	399.377	463.195	712.435	1045.232	1178.187
124.0	402.650	465.548	709.776	1041.141	1176.142
124.5	405.718	467.593	706.708	1036.028	1173.074
125.0	408.684	469.741	703.231	1029.891	1168.983
125.5	411.445	471.582	699.651	1023.755	1163.869
126.0	414.104	473.320	695.765	1016.902	1157.733
126.5	416.559	475.059	691.878	1009.334	1150.574
127.0	418.911	476.593	687.787	1001.050	1141.369
127.5	420.956	478.127	683.594	991.948	1132.164
128.0	423.002	479.354	679.299	982.436	1122.960
128.5	424.741	480.377	674.696	972.209	1111.710
129.0	426.479	481.195	669.992	961.470	1099.437
129.5	428.013	481.809	665.083	950.527	1087.164
130.0	429.445	482.116	660.071	938.868	1072.846
130.5	430.672	482.320	655.060	926.800	1059.550
131.0	431.797	482.320	649.844	914.322	1044.209
131.5	432.922	481.911	644.526	901.845	1028.868
132.0	433.638	481.400	639.105	889.061	1013.732
132.5	434.354	480.786	633.787	876.175	997.777
133.0	434.866	479.968	628.367	863.186	981.720
133.5	435.275	479.150	623.048	849.890	965.459
134.0	435.582	478.229	617.526	836.902	949.198
134.5	435.786	477.207	612.003	823.913	932.527
135.0	435.888	476.184	606.480	810.720	916.061
135.5	435.684	474.957	600.957	797.833	899.595
136.0	435.479	473.729	595.639	784.845	883.027
136.5	435.172	472.400	590.219	772.265	866.868
137.0	434.661	471.070	584.900	759.583	850.504
137.5	434.047	469.639	579.582	747.208	834.140
138.0	433.434	468.002	574.264	734.935	818.595
138.5	432.616	466.366	568.946	722.867	802.538

IES INDOOR REPORT
PHOTOMETRIC FILENAME : SDI5-4-L27-835-DMA-30U-70D-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

139.0	431.695	464.627	563.730	711.106	787.095
139.5	430.672	462.786	558.616	699.446	772.060
140.0	429.547	460.843	553.400	688.094	757.435
140.5	428.218	458.798	548.287	676.946	742.810
141.0	426.991	456.650	543.275	665.901	728.594
141.5	425.457	454.400	538.264	655.162	714.787
142.0	424.025	452.048	533.355	644.730	701.390
142.5	422.491	449.593	528.343	634.605	688.401
143.0	420.854	447.138	523.537	624.582	675.821
143.5	419.320	444.582	518.730	614.969	663.446
144.0	417.581	442.025	513.923	605.560	651.378
144.5	415.843	439.366	509.116	596.457	639.719
145.0	414.002	436.604	504.411	587.457	628.469
145.5	412.161	433.843	499.809	578.764	617.423
146.0	410.218	430.979	495.105	570.275	606.787
146.5	408.172	428.218	490.605	561.991	596.355
147.0	406.025	425.354	486.002	554.014	586.332
147.5	404.081	422.593	481.502	546.139	576.719
148.0	401.934	419.525	477.002	538.571	567.412
148.5	399.684	416.559	472.604	531.105	558.309
149.0	397.434	413.593	468.207	523.946	549.309
149.5	395.184	410.627	463.911	516.786	540.616
150.0	392.934	407.763	459.513	509.934	532.230
150.5	390.581	404.900	455.116	503.286	524.150
151.0	388.434	402.036	450.820	496.639	516.275
151.5	386.081	399.275	446.525	490.195	508.502
152.0	383.831	396.411	442.229	483.855	501.036
152.5	381.684	393.445	437.934	477.718	493.775
153.0	379.638	390.479	433.741	471.684	486.820
153.5	377.490	387.411	429.445	465.752	480.070
154.0	375.343	384.547	425.354	459.923	473.320
154.5	373.195	381.377	421.161	454.298	466.877
155.0	370.945	378.513	416.968	448.775	460.434
155.5	368.797	375.752	412.877	443.252	454.400
156.0	366.445	372.888	408.684	437.934	448.366
156.5	364.195	370.127	404.593	432.513	442.434
157.0	361.843	367.365	400.400	427.400	436.604
157.5	359.593	364.706	396.206	422.286	430.979
158.0	357.343	361.945	392.218	417.172	425.354
158.5	355.195	359.183	388.025	412.366	420.138
159.0	353.047	356.524	384.036	407.456	414.718
159.5	350.899	353.865	380.047	402.752	409.400
160.0	348.752	351.206	376.161	398.047	404.286
160.5	346.706	348.649	372.172	393.445	399.172
161.0	344.763	346.093	368.286	388.945	394.365
161.5	342.615	343.536	364.399	384.547	389.559
162.0	340.570	341.081	360.615	379.843	384.854
162.5	338.627	338.524	356.933	375.343	380.149
163.0	336.581	336.172	353.252	370.945	375.547
163.5	334.740	333.820	349.570	366.547	370.843
164.0	332.797	331.467	345.990	362.252	366.343
164.5	330.956	329.115	342.206	358.058	361.740
165.0	329.115	326.865	338.422	353.968	357.445
165.5	327.274	324.717	334.842	349.877	353.149
166.0	325.536	322.570	331.774	345.786	348.956
166.5	323.797	320.524	328.808	341.899	344.865

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-4-L27-835-DMA-30U-70D-DIM-UNV_.IES****CANDELA TABULATION - (Cont.)**

167.0	322.161	318.479	325.945	338.013	340.774
167.5	320.524	316.433	323.081	334.229	336.990
168.0	318.990	314.490	320.320	330.547	333.104
168.5	317.354	312.547	317.661	326.456	329.422
169.0	315.717	310.604	315.104	323.081	325.638
169.5	314.183	308.763	312.751	320.115	321.547
170.0	312.751	307.024	310.399	317.251	318.479
170.5	311.217	305.388	308.251	314.490	315.717
171.0	309.888	303.751	306.001	311.831	312.956
171.5	308.661	302.217	304.058	309.376	310.399
172.0	307.331	300.785	302.115	306.922	307.945
172.5	306.308	299.354	300.274	304.774	305.592
173.0	305.081	298.126	298.638	302.626	303.342
173.5	304.058	296.899	296.899	300.581	301.092
174.0	303.035	295.672	295.467	298.740	299.047
174.5	302.115	294.649	294.035	297.001	297.001
175.0	301.297	293.729	292.706	295.263	294.956
175.5	300.581	292.910	291.479	293.729	293.115
176.0	299.865	292.092	290.354	292.195	291.376
176.5	299.251	291.376	289.331	290.865	289.740
177.0	298.842	290.763	288.410	289.740	288.104
177.5	298.331	290.251	287.695	288.615	286.774
178.0	298.024	289.842	287.081	287.797	285.854
178.5	297.717	289.535	286.570	287.081	285.240
179.0	297.513	289.229	286.160	286.570	284.831
179.5	297.410	289.126	285.956	286.263	284.626
180.0	288.001	288.001	288.001	288.001	288.001

IES INDOOR REPORT
PHOTOMETRIC FILENAME : SDI5-4-L27-835-DMA-30U-70D-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	792.20	N.A.	7.90
0-30	1741.88	N.A.	17.30
0-40	2961.67	N.A.	29.40
0-60	5500.48	N.A.	54.60
0-80	6934.4	N.A.	68.80
0-90	7053.18	N.A.	70.00
10-90	6853.7	N.A.	68.00
20-40	2169.47	N.A.	21.50
20-50	3492.94	N.A.	34.70
40-70	3462.12	N.A.	34.40
60-80	1433.93	N.A.	14.20
70-80	510.61	N.A.	5.10
80-90	118.78	N.A.	1.20
90-110	550.01	N.A.	5.50
90-120	1216.41	N.A.	12.10
90-130	1881.25	N.A.	18.70
90-150	2704.32	N.A.	26.80
90-180	3024.63	N.A.	30.00
110-180	2474.63	N.A.	24.60
0-180	10077.82	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	199.49
10-20	592.72
20-30	949.68
30-40	1219.79
40-50	1323.47
50-60	1215.34
60-70	923.31
70-80	510.61
80-90	118.78
90-100	115.42
100-110	434.59
110-120	666.40
120-130	664.84
130-140	498.73
140-150	324.35
150-160	193.72
160-170	97.87
170-180	28.72

IES INDOOR REPORT
PHOTOMETRIC FILENAME : SDI5-4-L27-835-DMA-30U-70D-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	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 : SDI5-4-L27-835-DMA-30U-70D-DIM-UNV_.IES

UGR TABLE - CORRECTED

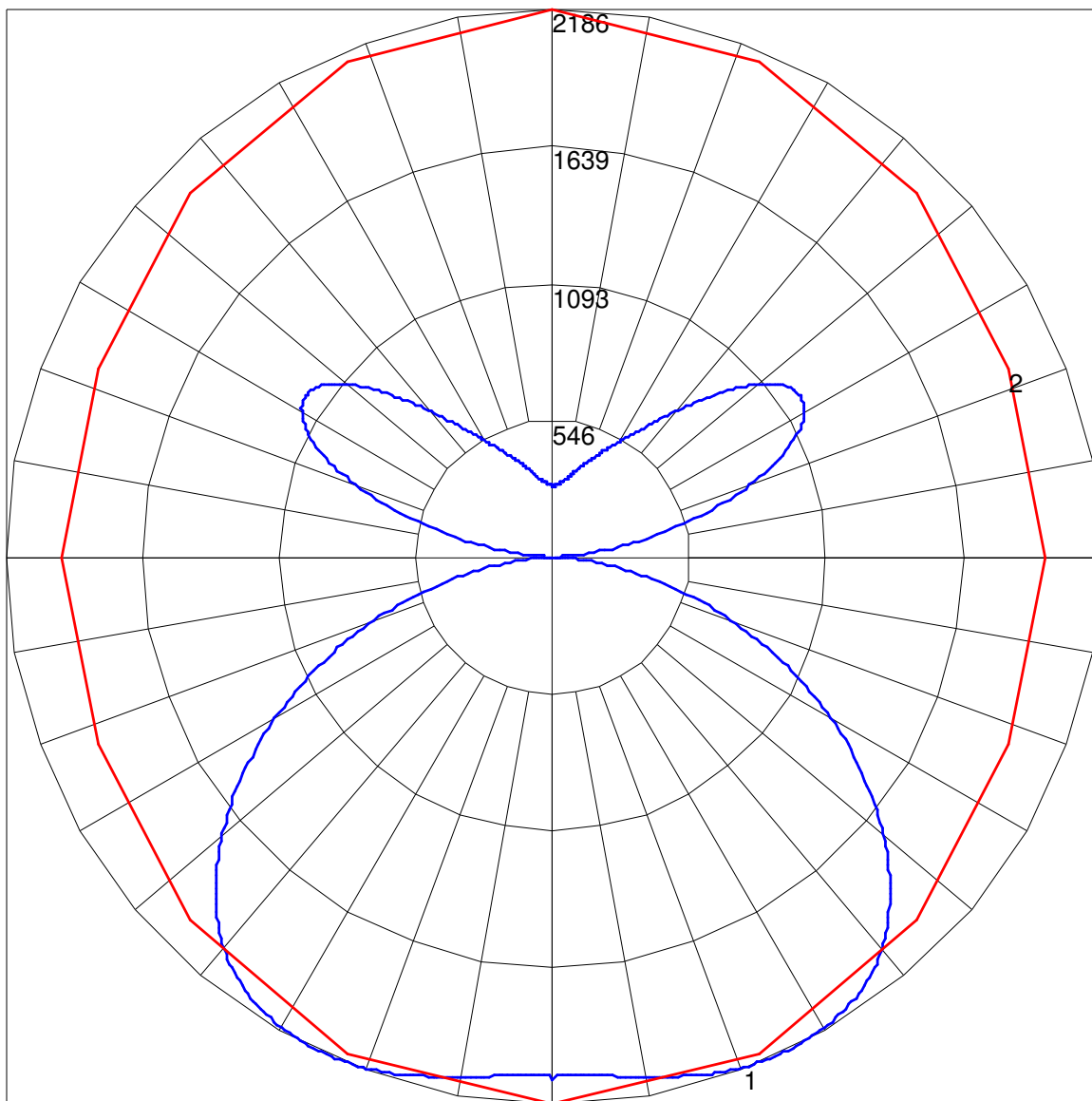
Reflectances

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					UGR Viewed Endwise				
X=2H	Y=2H	17.8	18.9	18.6	19.7	20.7	19.9	21.0	20.7	21.8	22.8
	3H	19.3	20.3	20.0	21.1	22.1	21.6	22.6	22.4	23.4	24.4
	4H	19.7	20.7	20.5	21.5	22.4	22.2	23.2	23.0	24.0	25.0
	6H	19.9	20.8	20.7	21.6	22.6	22.6	23.5	23.4	24.3	25.3
	8H	20.0	20.8	20.8	21.6	22.6	22.7	23.5	23.5	24.3	25.3
	12H	20.0	20.8	20.8	21.6	22.6	22.7	23.5	23.5	24.3	25.4
4H	2H	18.5	19.5	19.3	20.3	21.3	20.2	21.2	21.0	22.0	23.0
	3H	20.2	21.0	21.0	21.8	22.8	22.1	22.9	22.9	23.8	24.8
	4H	20.7	21.4	21.5	22.2	23.3	22.8	23.5	23.7	24.4	25.4
	6H	21.0	21.6	21.8	22.5	23.5	23.3	23.9	24.1	24.8	25.8
	8H	21.0	21.6	21.9	22.5	23.5	23.4	24.0	24.2	24.8	25.9
	12H	21.0	21.6	21.9	22.4	23.5	23.5	24.0	24.3	24.9	25.9
8H	4H	20.9	21.5	21.8	22.4	23.4	22.9	23.5	23.7	24.3	25.4
	6H	21.3	21.8	22.2	22.7	23.8	23.4	23.9	24.3	24.8	25.9
	8H	21.4	21.8	22.3	22.7	23.8	23.6	24.0	24.5	24.9	26.0
	12H	21.4	21.8	22.3	22.7	23.8	23.7	24.1	24.6	24.9	26.1
12H	4H	21.0	21.5	21.8	22.4	23.4	22.9	23.4	23.7	24.3	25.3
	6H	21.4	21.8	22.3	22.7	23.8	23.4	23.9	24.3	24.7	25.8
	8H	21.5	21.8	22.4	22.7	23.9	23.6	24.0	24.5	24.9	26.0

Maximum UGR = 26.1

POLAR GRAPH



Maximum Candela = 2185.578 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.)