



IES INDOOR REPORT

PHOTOMETRIC FILENAME : SDI5-8-L27-835-DMA-70U-30D-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] GEN FROM 12731921.03
[TESTLAB] UL Verification Services Inc.
[ISSUEDATE] 04-21-2023
[MANUFAC] WILLIAMS INDOOR
[OTHER] H.E. WILLIAMS, INC. - CARTHAGE, MO 64836
[LUMINAIRE] 8' SUSPENDED LED LUMINAIRE
[MORE] WITH FROSTED ACRYLIC LENS
[LUMCAT] SDI5-8-L27-835-DMA-70U-30D-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	21674
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	139
Total Luminaire Watts	156
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)	7.90 ft
Luminous Width (90-270)	0.35 ft
Luminous Height	0.15 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	6978	7228	8109
55	7059	6866	7427
65	6772	5750	6037
75	5627	3796	3794
85	2577	1022	955

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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	1452.090	1452.090	1452.090	1452.090	1452.090
0.5	1468.654	1453.930	1446.569	1450.863	1446.364
1.0	1468.654	1454.135	1447.182	1451.885	1447.591
1.5	1468.858	1454.544	1448.000	1453.726	1449.431
2.0	1468.858	1454.953	1449.431	1455.975	1452.090
2.5	1469.063	1455.362	1451.272	1458.838	1455.566
3.0	1469.267	1456.180	1453.317	1462.519	1459.861
3.5	1469.472	1456.998	1455.771	1466.609	1464.973
4.0	1469.676	1457.816	1458.429	1471.312	1470.699
4.5	1469.881	1458.838	1461.701	1476.424	1476.833
5.0	1470.290	1460.270	1465.177	1482.355	1483.786
5.5	1470.494	1461.496	1468.858	1488.489	1491.352
6.0	1470.903	1462.928	1472.948	1495.442	1499.736
6.5	1471.312	1464.564	1477.242	1502.599	1508.529
7.0	1471.721	1466.404	1481.946	1510.370	1517.936
7.5	1472.334	1468.040	1486.853	1518.754	1527.547
8.0	1472.948	1470.085	1492.170	1527.343	1537.976
8.5	1473.766	1472.130	1497.691	1536.340	1540.430
9.0	1474.379	1474.379	1503.417	1538.385	1551.677
9.5	1475.197	1476.629	1509.552	1547.996	1562.515
10.0	1476.015	1478.878	1515.891	1557.812	1574.375
10.5	1476.629	1481.332	1522.230	1568.241	1586.031
11.0	1477.447	1483.786	1528.978	1579.283	1590.735
11.5	1478.469	1486.444	1535.727	1587.872	1603.618
12.0	1479.287	1489.103	1542.884	1594.007	1616.501
12.5	1480.310	1491.966	1543.497	1605.663	1629.383
13.0	1481.128	1494.828	1550.041	1617.728	1642.880
13.5	1482.150	1497.691	1557.812	1629.588	1656.785
14.0	1482.764	1500.759	1565.582	1642.266	1670.895
14.5	1483.581	1503.622	1573.762	1654.945	1685.823
15.0	1484.399	1506.689	1578.261	1667.828	1700.342
15.5	1485.217	1509.756	1584.804	1680.915	1715.474
16.0	1486.035	1513.028	1591.348	1694.412	1730.606
16.5	1486.853	1516.096	1600.141	1708.726	1746.557
17.0	1487.467	1519.163	1609.139	1722.427	1761.894
17.5	1488.080	1522.230	1617.728	1736.537	1777.435
18.0	1488.694	1525.502	1626.725	1751.260	1793.590
18.5	1489.103	1528.569	1635.723	1765.574	1810.358
19.0	1489.512	1531.637	1644.925	1780.298	1827.126
19.5	1489.921	1534.704	1653.513	1794.817	1843.485
20.0	1490.125	1537.567	1662.716	1808.927	1860.458
20.5	1490.534	1540.430	1671.304	1823.036	1877.022
21.0	1490.534	1543.293	1679.893	1836.942	1893.381
21.5	1490.534	1546.156	1688.686	1850.847	1910.354
22.0	1490.534	1548.814	1697.070	1864.548	1926.304
22.5	1490.534	1551.472	1705.250	1878.044	1942.255
23.0	1490.330	1553.926	1713.634	1891.132	1957.796
23.5	1490.125	1552.495	1721.200	1904.833	1972.315
24.0	1489.716	1550.654	1729.175	1917.511	1986.629
24.5	1489.103	1552.904	1736.741	1930.190	2000.739
25.0	1488.694	1554.949	1743.898	1942.664	2013.826
25.5	1487.876	1556.789	1751.669	1954.729	2027.527
26.0	1487.058	1558.425	1758.826	1966.384	2040.410
26.5	1486.035	1559.857	1765.574	1977.223	2053.089

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CANDELA TABULATION - (Cont.)

27.0	1485.013	1561.288	1772.732	1987.856	2065.358
27.5	1483.581	1562.310	1778.457	1998.490	2077.628
28.0	1482.150	1563.333	1784.592	2008.714	2089.897
28.5	1480.514	1564.151	1790.318	2018.121	2100.122
29.0	1478.469	1564.355	1795.430	2027.323	2110.346
29.5	1476.424	1564.560	1800.133	2035.911	2120.571
30.0	1474.175	1564.560	1804.837	2044.296	2130.795
30.5	1471.721	1563.946	1808.313	2051.044	2138.975
31.0	1469.063	1563.537	1812.607	2059.223	2149.199
31.5	1466.200	1562.515	1815.675	2065.358	2157.379
32.0	1463.132	1561.493	1818.538	2071.493	2163.514
32.5	1459.861	1560.266	1820.787	2077.628	2171.693
33.0	1456.384	1558.630	1823.036	2081.717	2175.783
33.5	1452.703	1559.039	1824.672	2087.852	2181.918
34.0	1448.818	1558.425	1825.490	2089.897	2186.008
34.5	1444.728	1555.767	1826.308	2093.987	2190.098
35.0	1440.434	1553.108	1826.513	2096.032	2192.142
35.5	1435.935	1553.926	1826.308	2098.077	2194.187
36.0	1431.232	1550.654	1825.899	2098.077	2196.232
36.5	1426.324	1546.974	1824.672	2098.077	2198.277
37.0	1421.212	1543.088	1823.036	2098.077	2198.277
37.5	1415.895	1538.794	1821.196	2098.077	2198.277
38.0	1410.169	1534.091	1818.538	2096.032	2196.232
38.5	1404.444	1529.183	1815.879	2093.987	2194.187
39.0	1398.309	1523.866	1812.607	2091.942	2192.142
39.5	1391.970	1518.345	1808.722	2087.852	2190.098
40.0	1385.221	1512.415	1804.428	2083.762	2183.963
40.5	1378.473	1506.280	1799.520	2079.672	2179.873
41.0	1371.520	1499.941	1794.203	2073.538	2173.738
41.5	1364.363	1493.193	1788.886	2069.448	2167.604
42.0	1357.002	1486.035	1782.547	2061.268	2161.469
42.5	1349.231	1478.878	1775.799	2055.134	2153.289
43.0	1341.256	1471.312	1768.437	2046.954	2145.110
43.5	1333.076	1463.337	1760.667	2038.570	2136.930
44.0	1324.488	1455.157	1752.283	2029.163	2126.705
44.5	1315.694	1446.773	1743.694	2019.552	2116.481
45.0	1306.901	1437.980	1734.083	2008.919	2106.256
45.5	1297.699	1428.778	1724.676	1997.467	2093.987
46.0	1288.293	1419.371	1714.043	1986.016	2081.717
46.5	1278.886	1409.556	1703.614	1974.155	2069.448
47.0	1268.866	1399.536	1692.367	1961.272	2055.134
47.5	1258.846	1388.902	1680.711	1947.980	2041.228
48.0	1248.621	1378.269	1668.850	1933.870	2026.914
48.5	1237.988	1367.022	1656.376	1919.352	2011.986
49.0	1227.354	1355.570	1643.902	1904.424	1995.831
49.5	1216.107	1343.914	1630.201	1888.678	1980.085
50.0	1205.065	1331.849	1616.501	1872.523	1962.704
50.5	1193.409	1319.580	1602.391	1856.164	1945.322
51.0	1181.753	1307.106	1587.872	1839.191	1927.122
51.5	1169.892	1294.223	1574.989	1821.400	1908.105
52.0	1157.827	1280.931	1564.969	1802.996	1888.678
52.5	1145.354	1267.435	1549.019	1784.592	1868.842
53.0	1132.880	1253.734	1540.225	1765.370	1848.393
53.5	1120.201	1239.828	1523.048	1745.739	1827.126
54.0	1107.114	1225.514	1505.666	1725.085	1805.655
54.5	1094.026	1211.200	1488.080	1704.636	1783.161

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55.0	1080.734	1196.476	1469.881	1683.369	1760.462
55.5	1067.034	1181.753	1451.476	1661.489	1737.559
56.0	1052.924	1166.621	1432.663	1639.404	1713.634
56.5	1038.609	1151.079	1413.646	1617.114	1690.117
57.0	1024.499	1135.129	1394.219	1599.937	1666.396
57.5	1009.981	1119.179	1374.588	1578.261	1642.062
58.0	995.053	1102.819	1354.343	1554.335	1616.705
58.5	980.329	1086.256	1333.690	1530.001	1599.732
59.0	965.402	1069.283	1312.832	1507.098	1574.375
59.5	950.883	1052.106	1291.565	1488.489	1548.405
60.0	935.955	1034.724	1270.297	1462.928	1522.026
60.5	921.027	1017.342	1248.417	1437.571	1495.851
61.0	906.099	1000.165	1226.536	1411.805	1476.629
61.5	890.762	982.783	1204.042	1385.835	1449.227
62.0	874.812	965.197	1181.753	1359.660	1421.416
62.5	858.248	947.406	1159.259	1333.076	1393.197
63.0	841.685	929.411	1136.356	1306.288	1365.181
63.5	824.916	911.211	1113.657	1279.500	1336.144
64.0	807.944	892.807	1090.754	1252.507	1307.310
64.5	790.971	874.199	1067.851	1225.718	1278.682
65.0	773.794	855.590	1044.948	1198.930	1250.257
65.5	756.412	836.777	1021.841	1171.733	1221.424
66.0	739.030	817.759	998.325	1144.945	1192.591
66.5	721.444	798.537	974.604	1117.952	1163.962
67.0	703.858	779.110	950.883	1090.550	1135.129
67.5	685.862	759.479	926.957	1062.739	1105.887
68.0	667.867	739.644	903.032	1034.519	1076.440
68.5	649.668	719.399	878.493	1005.686	1046.380
69.0	631.263	699.359	853.341	976.649	1016.115
69.5	612.859	679.114	828.188	947.406	985.442
70.0	594.251	658.665	802.627	917.960	954.973
70.5	575.642	638.012	777.065	888.104	924.094
71.0	556.829	617.358	751.504	858.453	893.216
71.5	538.016	596.500	725.534	828.802	862.338
72.0	518.998	575.437	699.563	798.946	831.460
72.5	499.776	554.170	673.389	769.090	800.991
73.0	480.554	533.108	647.623	739.644	770.317
73.5	461.536	512.045	621.857	710.401	739.644
74.0	442.314	491.392	596.500	681.159	709.174
74.5	423.705	470.738	571.143	652.326	678.705
75.0	404.892	450.084	545.991	623.288	648.441
75.5	386.283	429.431	521.043	594.455	617.767
76.0	367.470	408.777	496.095	565.826	587.911
76.5	348.861	388.328	471.761	537.607	558.056
77.0	330.457	368.084	447.426	509.591	528.609
77.5	312.258	348.044	423.501	481.781	499.571
78.0	294.058	328.208	399.575	454.174	470.943
78.5	275.858	308.577	375.650	426.977	442.518
79.0	258.068	288.946	352.133	400.189	414.299
79.5	240.481	269.928	328.617	373.605	386.692
80.0	223.304	250.910	305.918	347.430	359.904
80.5	206.331	232.506	283.220	322.073	333.525
81.0	189.563	214.102	260.930	297.125	307.554
81.5	172.999	196.107	239.254	272.586	282.197
82.0	156.640	178.521	217.783	248.456	257.454
82.5	141.917	161.139	196.925	225.144	233.120

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CANDELA TABULATION - (Cont.)

83.0	126.989	144.371	176.680	202.650	209.808
83.5	112.266	128.216	157.254	180.974	187.109
84.0	97.747	112.674	138.645	159.707	165.024
84.5	83.841	97.747	120.854	139.463	143.962
85.0	70.754	83.228	103.881	120.241	123.717
85.5	58.075	69.527	87.931	102.041	104.699
86.0	46.215	56.644	73.208	85.273	86.909
86.5	34.968	44.988	59.507	69.936	70.754
87.0	24.743	34.150	47.237	56.031	55.622
87.5	15.950	24.743	36.399	42.943	41.716
88.0	8.384	16.564	25.970	31.287	30.060
88.5	2.045	9.816	17.586	22.698	23.107
89.0	0.000	5.726	12.269	16.973	16.973
89.5	0.000	2.658	8.998	13.292	11.451
90.0	0.000	4.703	10.020	14.314	11.656
90.5	0.000	9.611	12.883	12.678	12.065
91.0	2.045	18.200	23.721	23.107	22.698
91.5	6.953	28.424	36.195	38.035	36.195
92.0	12.678	39.262	48.873	52.350	51.327
92.5	19.631	51.532	62.370	65.846	64.619
93.0	27.606	73.412	74.844	80.569	79.342
93.5	36.604	118.196	86.704	94.270	94.066
94.0	46.215	168.296	100.201	107.358	107.358
94.5	56.644	227.394	115.333	120.854	120.854
95.0	68.095	307.554	132.919	136.191	135.577
95.5	80.160	382.602	154.800	153.368	151.937
96.0	93.043	440.473	202.650	172.590	170.341
96.5	106.949	508.773	304.691	193.653	190.381
97.0	121.672	584.844	433.112	216.147	212.262
97.5	137.009	647.214	568.689	247.229	235.369
98.0	151.528	699.359	741.688	324.527	260.726
98.5	167.887	749.255	951.496	466.239	318.597
99.0	184.860	812.442	1160.077	624.720	445.790
99.5	202.855	878.493	1304.243	786.472	615.313
100.0	221.259	931.252	1423.666	994.848	779.928
100.5	239.868	985.237	1529.387	1267.230	965.197
101.0	259.090	1032.884	1628.566	1575.398	1217.130
101.5	278.721	1085.233	1736.946	1867.002	1533.886
102.0	298.966	1135.538	1825.490	2067.403	1892.972
102.5	319.619	1179.299	1917.307	2228.951	2200.322
103.0	340.886	1224.083	2023.846	2378.229	2404.813
103.5	362.358	1269.684	2120.571	2500.924	2578.630
104.0	384.034	1316.103	2188.053	2603.169	2734.043
104.5	405.914	1367.431	2235.086	2713.594	2852.648
105.0	428.408	1421.825	2294.388	2828.109	2946.714
105.5	450.698	1471.925	2372.094	2924.220	3048.959
106.0	473.192	1520.594	2453.891	3016.241	3163.474
106.5	495.890	1568.445	2533.642	3118.486	3265.720
107.0	518.793	1613.433	2601.124	3222.777	3353.651
107.5	541.287	1655.763	2656.337	3304.573	3445.672
108.0	563.372	1697.683	2699.280	3365.920	3549.962
108.5	585.662	1735.923	2744.268	3414.998	3646.073
109.0	607.951	1772.118	2795.391	3466.121	3721.734
109.5	630.445	1807.495	2858.783	3527.468	3781.037
110.0	652.326	1842.668	2922.175	3594.950	3830.115
110.5	673.798	1877.840	2977.388	3660.387	3881.237

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CANDELA TABULATION - (Cont.)

111.0	694.860	1912.399	3018.286	3725.824	3936.450
111.5	715.923	1946.549	3057.139	3785.127	3997.797
112.0	737.190	1978.654	3095.992	3840.339	4057.099
112.5	758.866	2009.737	3134.845	3883.282	4114.357
113.0	780.542	2039.797	3173.699	3918.046	4165.480
113.5	802.013	2067.403	3210.507	3952.809	4212.513
114.0	823.076	2093.987	3247.315	3987.573	4249.321
114.5	843.729	2120.571	3280.034	4030.516	4282.039
115.0	864.383	2147.154	3318.887	4079.593	4308.623
115.5	885.037	2171.693	3359.785	4126.626	4337.252
116.0	905.077	2196.232	3398.639	4163.435	4369.971
116.5	924.503	2218.726	3437.492	4192.063	4412.914
117.0	943.521	2241.220	3474.300	4216.602	4455.857
117.5	962.334	2259.624	3507.019	4243.186	4494.710
118.0	981.352	2278.029	3539.737	4267.725	4521.294
118.5	999.961	2296.433	3568.366	4294.309	4539.698
119.0	1018.160	2312.792	3594.950	4318.848	4560.147
119.5	1035.951	2327.106	3619.489	4341.342	4580.596
120.0	1052.924	2341.421	3637.893	4363.836	4603.090
120.5	1069.283	2351.645	3656.297	4382.240	4621.494
121.0	1085.029	2363.915	3670.612	4400.644	4639.899
121.5	1100.366	2374.139	3684.926	4421.093	4654.213
122.0	1115.498	2384.364	3695.151	4439.497	4668.527
122.5	1130.630	2392.544	3703.330	4457.902	4680.797
123.0	1145.558	2400.723	3709.465	4474.261	4693.066
123.5	1160.077	2410.948	3715.600	4486.530	4705.336
124.0	1174.187	2417.082	3719.689	4498.800	4719.650
124.5	1187.888	2423.217	3723.779	4509.024	4731.919
125.0	1201.589	2427.307	3725.824	4517.204	4742.144
125.5	1215.085	2431.397	3727.869	4523.339	4752.369
126.0	1228.377	2435.487	3729.914	4527.429	4760.548
126.5	1241.669	2435.487	3731.959	4531.518	4764.638
127.0	1254.552	2437.532	3731.959	4531.518	4768.728
127.5	1267.026	2437.532	3731.959	4529.473	4770.773
128.0	1278.886	2437.532	3731.959	4527.429	4768.728
128.5	1290.338	2435.487	3729.914	4523.339	4768.728
129.0	1301.585	2433.442	3727.869	4517.204	4764.638
129.5	1312.423	2431.397	3723.779	4511.069	4758.503
130.0	1323.056	2429.352	3719.689	4502.890	4750.324
130.5	1333.076	2429.352	3713.555	4492.665	4742.144
131.0	1342.892	2425.262	3707.420	4482.441	4731.919
131.5	1352.503	2423.217	3697.195	4470.171	4719.650
132.0	1361.909	2419.127	3689.016	4459.947	4707.381
132.5	1370.907	2417.082	3678.791	4445.632	4693.066
133.0	1379.496	2415.038	3666.522	4431.318	4678.752
133.5	1388.084	2410.948	3654.252	4417.003	4662.393
134.0	1396.264	2406.858	3639.938	4400.644	4646.033
134.5	1404.239	2402.768	3625.624	4384.285	4627.629
135.0	1411.805	2398.678	3611.309	4365.881	4609.225
135.5	1418.962	2394.588	3596.995	4347.477	4588.776
136.0	1425.711	2388.454	3580.636	4329.072	4568.327
136.5	1432.459	2380.274	3562.231	4308.623	4547.878
137.0	1439.002	2374.139	3545.872	4288.174	4525.384
137.5	1445.342	2365.960	3529.513	4267.725	4502.890
138.0	1451.476	2357.780	3511.109	4245.231	4478.351
138.5	1457.407	2349.600	3492.705	4222.737	4453.812

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

139.0	1462.928	2339.376	3472.255	4200.243	4429.273
139.5	1468.245	2329.151	3451.806	4175.704	4402.689
140.0	1473.357	2318.927	3431.357	4151.165	4374.060
140.5	1478.060	2308.702	3410.908	4124.581	4347.477
141.0	1482.764	2298.478	3388.414	4097.998	4318.848
141.5	1487.058	2286.208	3365.920	4069.369	4288.174
142.0	1490.943	2271.894	3343.426	4040.740	4259.545
142.5	1494.828	2259.624	3320.932	4012.111	4228.872
143.0	1498.509	2247.355	3296.393	3983.483	4198.198
143.5	1501.986	2233.041	3273.899	3952.809	4167.525
144.0	1505.258	2218.726	3247.315	3922.135	4136.851
144.5	1508.325	2206.457	3220.732	3891.462	4104.132
145.0	1511.392	2192.142	3196.193	3858.743	4071.414
145.5	1514.460	2179.873	3169.609	3826.025	4040.740
146.0	1517.322	2165.559	3140.980	3795.351	4008.022
146.5	1519.776	2151.244	3114.396	3760.588	3973.258
147.0	1522.230	2136.930	3087.813	3727.869	3938.495
147.5	1524.684	2122.616	3061.229	3693.106	3901.686
148.0	1527.138	2108.301	3032.600	3660.387	3866.923
148.5	1529.183	2093.987	3006.016	3623.579	3828.070
149.0	1531.432	2079.672	2979.432	3588.815	3791.261
149.5	1533.477	2065.358	2950.804	3554.052	3752.408
150.0	1535.113	2048.999	2922.175	3517.243	3713.555
150.5	1536.954	2035.502	2893.546	3480.435	3674.701
151.0	1538.590	2020.575	2866.962	3443.627	3633.803
151.5	1540.225	2006.056	2838.334	3406.818	3594.950
152.0	1541.861	1991.741	2807.660	3367.965	3554.052
152.5	1543.497	1977.223	2779.031	3331.157	3511.109
153.0	1545.338	1963.522	2750.403	3292.303	3468.166
153.5	1547.178	1949.207	2719.729	3253.450	3425.223
154.0	1549.019	1935.302	2691.100	3214.597	3382.279
154.5	1550.859	1921.396	2660.427	3173.699	3339.336
155.0	1552.495	1907.900	2629.753	3134.845	3294.348
155.5	1554.131	1894.199	2599.079	3093.947	3251.405
156.0	1555.562	1881.112	2568.406	3053.049	3206.417
156.5	1556.994	1868.842	2537.732	3012.151	3161.429
157.0	1558.630	1856.368	2505.014	2971.253	3118.486
157.5	1560.470	1844.712	2472.295	2928.310	3073.498
158.0	1561.901	1832.852	2439.576	2887.412	3028.510
158.5	1563.333	1821.400	2406.858	2846.513	2985.567
159.0	1564.969	1810.153	2376.184	2803.570	2940.579
159.5	1566.196	1799.111	2343.466	2762.672	2895.591
160.0	1567.832	1788.682	2310.747	2719.729	2848.558
160.5	1569.263	1778.048	2278.029	2676.786	2803.570
161.0	1570.899	1767.824	2245.310	2633.843	2758.582
161.5	1572.331	1757.395	2214.636	2590.900	2713.594
162.0	1573.557	1747.579	2181.918	2547.957	2668.606
162.5	1574.989	1738.173	2149.199	2505.014	2621.573
163.0	1576.216	1729.175	2118.526	2462.070	2574.540
163.5	1577.443	1719.973	2085.807	2419.127	2527.508
164.0	1578.670	1711.180	2055.134	2374.139	2480.475
164.5	1579.897	1703.000	2025.073	2331.196	2433.442
165.0	1581.124	1695.434	1995.218	2288.253	2388.454
165.5	1582.351	1687.868	1966.180	2245.310	2341.421
166.0	1583.578	1680.711	1938.574	2202.367	2294.388
166.5	1585.009	1673.758	1910.967	2161.469	2249.400

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-8-L27-835-DMA-70U-30D-DIM-UNV_.IES****CANDELA TABULATION - (Cont.)**

167.0	1586.031	1667.214	1884.793	2118.526	2202.367
167.5	1587.258	1660.671	1860.254	2077.628	2157.379
168.0	1588.281	1654.127	1836.533	2037.547	2112.391
168.5	1589.303	1647.788	1814.243	1998.285	2067.403
169.0	1590.326	1642.062	1793.181	1959.841	2024.051
169.5	1591.348	1636.745	1772.323	1923.646	1982.130
170.0	1592.166	1631.428	1752.692	1889.087	1941.641
170.5	1592.984	1626.930	1733.878	1856.777	1903.810
171.0	1593.598	1622.022	1716.497	1827.331	1867.820
171.5	1594.211	1617.319	1700.137	1799.520	1834.079
172.0	1594.416	1613.229	1685.414	1773.141	1804.428
172.5	1594.620	1609.343	1671.918	1747.988	1775.390
173.0	1594.825	1605.663	1659.239	1725.290	1748.193
173.5	1595.029	1602.391	1647.379	1704.227	1723.654
174.0	1595.234	1598.914	1636.132	1684.392	1700.546
174.5	1595.234	1595.847	1626.112	1667.828	1679.893
175.0	1595.234	1593.189	1616.705	1652.286	1661.080
175.5	1595.234	1590.530	1608.730	1638.177	1644.311
176.0	1595.029	1588.281	1601.573	1625.294	1629.588
176.5	1594.825	1586.440	1594.825	1614.251	1616.296
177.0	1594.416	1584.600	1589.303	1604.436	1604.845
177.5	1594.211	1582.964	1584.395	1596.256	1595.642
178.0	1594.007	1581.737	1580.715	1590.326	1588.076
178.5	1594.007	1581.124	1577.852	1584.804	1582.146
179.0	1593.802	1580.510	1575.602	1581.533	1578.056
179.5	1593.802	1579.897	1574.580	1579.488	1575.602
180.0	1579.283	1579.283	1579.283	1579.283	1579.283

IES INDOOR REPORT
PHOTOMETRIC FILENAME : SDI5-8-L27-835-DMA-70U-30D-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	594.92	N.A.	2.70
0-30	1404.59	N.A.	6.50
0-40	2544.98	N.A.	11.70
0-60	5156.06	N.A.	23.80
0-80	6738.75	N.A.	31.10
0-90	6866.77	N.A.	31.70
10-90	6724.76	N.A.	31.00
20-40	1950.06	N.A.	9.00
20-50	3275.35	N.A.	15.10
40-70	3625.68	N.A.	16.70
60-80	1582.69	N.A.	7.30
70-80	568.09	N.A.	2.60
80-90	128.02	N.A.	0.60
90-110	2387.75	N.A.	11.00
90-120	5377.92	N.A.	24.80
90-130	8420.59	N.A.	38.90
90-150	12899.39	N.A.	59.50
90-180	14807.12	N.A.	68.30
110-180	12419.37	N.A.	57.30
0-180	21673.88	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	142.01
10-20	452.91
20-30	809.67
30-40	1140.39
40-50	1325.29
50-60	1285.78
60-70	1014.6
70-80	568.09
80-90	128.02
90-100	292.52
100-110	2095.23
110-120	2990.17
120-130	3042.68
130-140	2585.96
140-150	1892.84
150-160	1174.8
160-170	573.72
170-180	159.21

IES INDOOR REPORT
PHOTOMETRIC FILENAME : SDI5-8-L27-835-DMA-70U-30D-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-L27-835-DMA-70U-30D-DIM-UNV_.IES

UGR TABLE - CORRECTED

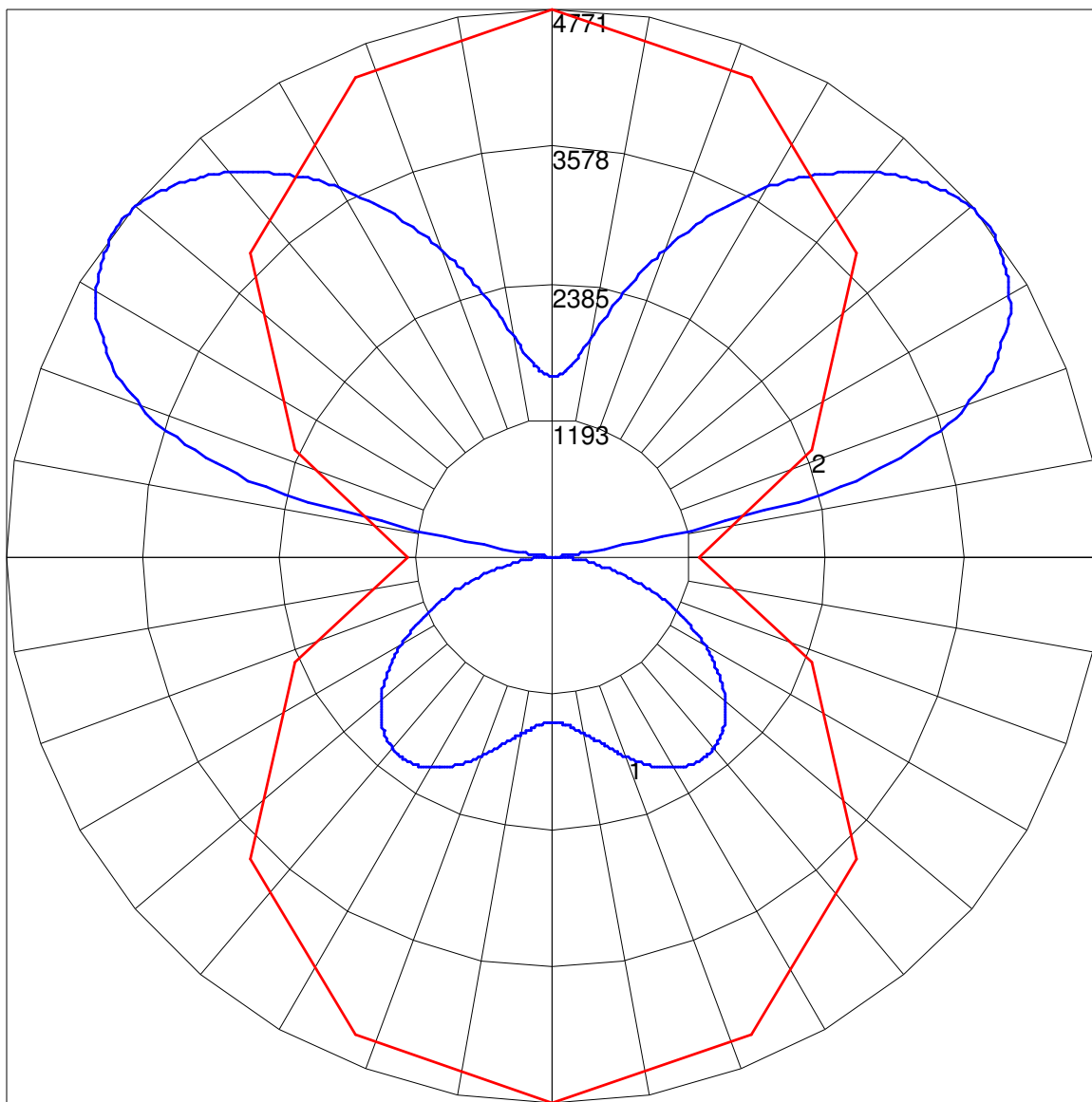
Reflectances

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	11.8	12.5	12.9	13.6	15.1	15.3	16.0	16.4	17.1	18.6
	3H	13.2	13.9	14.3	15.0	16.5	17.1	17.8	18.2	18.9	20.4
	4H	13.6	14.3	14.7	15.4	16.9	17.8	18.4	18.9	19.5	21.0
	6H	13.8	14.4	14.9	15.5	17.1	18.1	18.7	19.3	19.8	21.4
	8H	13.8	14.4	15.0	15.5	17.1	18.2	18.8	19.4	19.9	21.4
	12H	13.8	14.3	14.9	15.5	17.0	18.3	18.8	19.4	19.9	21.5
4H	2H	12.7	13.4	13.8	14.5	16.0	15.5	16.1	16.6	17.3	18.8
	3H	14.3	14.8	15.4	16.0	17.5	17.5	18.1	18.7	19.2	20.7
	4H	14.8	15.3	15.9	16.4	18.0	18.3	18.8	19.4	19.9	21.4
	6H	15.0	15.5	16.2	16.6	18.2	18.7	19.2	19.9	20.3	21.9
	8H	15.1	15.5	16.2	16.6	18.2	18.9	19.3	20.0	20.4	22.0
	12H	15.0	15.4	16.2	16.5	18.1	18.9	19.3	20.0	20.4	22.0
8H	4H	15.2	15.5	16.3	16.7	18.2	18.3	18.7	19.4	19.8	21.4
	6H	15.5	15.8	16.6	17.0	18.5	18.8	19.2	20.0	20.3	21.9
	8H	15.5	15.8	16.7	17.0	18.6	19.0	19.3	20.2	20.4	22.0
	12H	15.5	15.8	16.7	16.9	18.6	19.1	19.3	20.2	20.5	22.1
12H	4H	15.1	15.5	16.3	16.7	18.2	18.2	18.6	19.4	19.7	21.3
	6H	15.5	15.8	16.7	17.0	18.6	18.8	19.1	20.0	20.3	21.8
	8H	15.6	15.8	16.8	17.0	18.6	19.0	19.2	20.1	20.4	22.0

Maximum UGR = 22.1

POLAR GRAPH



Maximum Candela = 4770.773 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.)