



IES INDOOR REPORT

PHOTOMETRIC FILENAME : SDI5-8-L16-835-DMA-50U-50D-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] GEN FROM 12731921.04
[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-L16-835-DMA-50U-50D-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	12890
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	140
Total Luminaire Watts	92
Ballast Factor	1.00
CIE Type	General Diffuse
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)	0.31 ft
Luminous Height	0.15 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	7917	7263	7604
55	7894	6660	6789
65	7503	5489	5391
75	6325	3614	3385
85	3292	1047	925

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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	1590.862	1590.862	1590.862	1590.862	1590.862
0.5	1589.607	1598.390	1587.098	1588.353	1589.607
1.0	1589.607	1598.390	1587.098	1588.353	1590.862
1.5	1590.862	1597.135	1587.098	1589.607	1592.117
2.0	1589.607	1598.390	1588.353	1590.862	1593.371
2.5	1589.607	1598.390	1588.353	1592.117	1594.626
3.0	1589.607	1598.390	1589.607	1593.371	1597.135
3.5	1589.607	1598.390	1590.862	1595.881	1599.644
4.0	1589.607	1598.390	1592.117	1598.390	1602.154
4.5	1589.607	1599.644	1593.371	1600.899	1605.918
5.0	1588.353	1599.644	1595.881	1604.663	1609.681
5.5	1589.607	1599.644	1597.135	1607.172	1613.445
6.0	1589.607	1599.644	1599.644	1610.936	1618.464
6.5	1589.607	1600.899	1602.154	1614.700	1623.482
7.0	1589.607	1602.154	1604.663	1618.464	1628.501
7.5	1588.353	1602.154	1607.172	1623.482	1632.265
8.0	1588.353	1603.408	1609.681	1628.501	1637.283
8.5	1587.098	1603.408	1613.445	1633.519	1643.556
9.0	1588.353	1604.663	1615.954	1638.538	1649.829
9.5	1588.353	1604.663	1619.718	1643.556	1654.848
10.0	1587.098	1604.663	1622.228	1648.575	1661.121
10.5	1585.844	1605.918	1624.737	1653.593	1667.394
11.0	1585.844	1607.172	1628.501	1659.866	1674.922
11.5	1585.844	1608.427	1631.010	1666.139	1681.195
12.0	1585.844	1608.427	1634.774	1672.413	1688.723
12.5	1585.844	1609.681	1638.538	1678.686	1694.996
13.0	1585.844	1610.936	1642.302	1684.959	1702.523
13.5	1584.589	1610.936	1646.065	1691.232	1710.051
14.0	1583.334	1612.191	1649.829	1697.505	1718.834
14.5	1582.080	1613.445	1653.593	1705.033	1726.361
15.0	1582.080	1613.445	1657.357	1711.306	1733.889
15.5	1580.825	1614.700	1662.376	1718.834	1742.671
16.0	1580.825	1615.954	1664.885	1726.361	1751.454
16.5	1579.570	1615.954	1668.649	1732.634	1758.982
17.0	1579.570	1615.954	1673.667	1740.162	1767.764
17.5	1578.316	1617.209	1677.431	1747.690	1776.546
18.0	1575.807	1618.464	1681.195	1753.963	1784.074
18.5	1575.807	1618.464	1684.959	1761.491	1792.856
19.0	1573.297	1618.464	1688.723	1767.764	1800.384
19.5	1572.043	1618.464	1692.487	1775.292	1809.166
20.0	1570.788	1618.464	1696.250	1781.565	1816.694
20.5	1568.279	1618.464	1700.014	1787.838	1824.222
21.0	1568.279	1619.718	1703.778	1794.111	1833.004
21.5	1567.024	1618.464	1707.542	1801.639	1840.532
22.0	1564.515	1618.464	1711.306	1807.912	1848.060
22.5	1563.260	1618.464	1713.815	1814.185	1855.587
23.0	1560.751	1618.464	1717.579	1821.713	1861.861
23.5	1558.242	1617.209	1720.088	1826.731	1868.134
24.0	1556.987	1615.954	1722.597	1833.004	1875.661
24.5	1554.478	1615.954	1725.107	1839.277	1881.935
25.0	1551.969	1615.954	1727.616	1844.296	1889.462
25.5	1549.459	1614.700	1730.125	1850.569	1895.735
26.0	1546.950	1613.445	1732.634	1855.587	1902.009
26.5	1544.441	1612.191	1733.889	1860.606	1907.027

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27.0	1540.677	1610.936	1735.144	1864.370	1912.046
27.5	1538.168	1609.681	1737.653	1868.134	1917.064
28.0	1534.404	1607.172	1738.908	1873.152	1922.083
28.5	1531.895	1604.663	1740.162	1875.661	1927.101
29.0	1528.131	1603.408	1740.162	1879.425	1933.374
29.5	1523.112	1600.899	1741.417	1881.935	1935.883
30.0	1519.349	1598.390	1741.417	1884.444	1938.393
30.5	1515.585	1594.626	1741.417	1886.953	1940.902
31.0	1511.821	1592.117	1741.417	1888.208	1943.411
31.5	1506.802	1589.607	1740.162	1889.462	1947.175
32.0	1500.529	1585.844	1738.908	1890.717	1948.430
32.5	1495.511	1582.080	1737.653	1890.717	1949.684
33.0	1491.747	1578.316	1736.398	1891.972	1949.684
33.5	1486.728	1573.297	1733.889	1890.717	1950.939
34.0	1481.710	1568.279	1731.380	1890.717	1949.684
34.5	1474.182	1564.515	1728.871	1888.208	1948.430
35.0	1469.164	1559.496	1726.361	1886.953	1947.175
35.5	1462.890	1554.478	1723.852	1883.189	1944.666
36.0	1456.617	1549.459	1720.088	1881.935	1942.156
36.5	1450.344	1543.186	1715.070	1878.171	1938.393
37.0	1444.071	1538.168	1711.306	1873.152	1933.374
37.5	1437.798	1531.895	1706.287	1868.134	1929.610
38.0	1430.270	1525.622	1700.014	1863.115	1923.337
38.5	1423.997	1518.094	1694.996	1858.097	1918.319
39.0	1416.469	1511.821	1688.723	1853.078	1912.046
39.5	1406.432	1504.293	1682.450	1845.551	1905.772
40.0	1398.905	1498.020	1674.922	1839.277	1900.754
40.5	1391.377	1490.492	1667.394	1831.750	1894.481
41.0	1383.849	1481.710	1659.866	1824.222	1886.953
41.5	1376.321	1474.182	1651.084	1816.694	1879.425
42.0	1367.539	1465.400	1643.556	1809.166	1870.643
42.5	1358.757	1456.617	1634.774	1800.384	1861.861
43.0	1348.720	1446.580	1624.737	1791.602	1851.824
43.5	1338.683	1437.798	1615.954	1781.565	1843.041
44.0	1329.900	1427.761	1607.172	1772.782	1833.004
44.5	1319.863	1417.724	1597.135	1761.491	1822.967
45.0	1311.081	1407.687	1585.844	1751.454	1812.930
45.5	1301.044	1397.650	1575.807	1740.162	1800.384
46.0	1291.007	1386.358	1565.770	1727.616	1787.838
46.5	1280.970	1376.321	1554.478	1716.324	1775.292
47.0	1269.679	1365.030	1541.932	1703.778	1761.491
47.5	1258.387	1352.484	1530.640	1688.723	1747.690
48.0	1247.346	1341.192	1518.094	1676.176	1733.889
48.5	1235.929	1329.900	1505.548	1662.376	1720.088
49.0	1223.885	1318.609	1491.747	1647.320	1703.778
49.5	1211.715	1306.063	1479.201	1632.265	1688.723
50.0	1199.796	1293.516	1465.400	1617.209	1672.413
50.5	1187.626	1280.970	1451.599	1600.899	1656.102
51.0	1175.205	1268.424	1436.543	1584.589	1638.538
51.5	1163.412	1254.623	1421.488	1568.279	1622.228
52.0	1150.615	1241.324	1406.432	1550.714	1603.408
52.5	1137.316	1227.398	1390.122	1534.404	1585.844
53.0	1123.766	1213.848	1375.067	1516.839	1568.279
53.5	1110.718	1199.420	1358.757	1498.020	1549.459
54.0	1097.293	1185.493	1342.447	1480.455	1529.386
54.5	1082.991	1171.065	1326.137	1461.636	1510.566

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CANDELA TABULATION - (Cont.)

55.0	1068.562	1156.010	1308.572	1442.817	1491.747
55.5	1054.511	1140.829	1292.262	1423.997	1471.673
56.0	1041.086	1125.773	1274.697	1403.923	1450.344
56.5	1026.156	1109.840	1257.132	1383.849	1430.270
57.0	1011.853	1093.655	1238.313	1363.775	1408.942
57.5	996.923	1077.721	1219.995	1343.701	1387.613
58.0	981.241	1061.411	1201.176	1323.627	1366.285
58.5	967.565	1044.850	1182.357	1302.299	1344.956
59.0	953.764	1027.913	1163.663	1282.225	1323.627
59.5	940.089	1011.477	1144.718	1260.896	1301.044
60.0	924.657	995.794	1125.522	1239.191	1278.461
60.5	908.849	979.359	1106.076	1216.859	1255.878
61.0	892.790	962.296	1086.253	1194.903	1233.922
61.5	876.480	944.857	1066.304	1172.947	1210.962
62.0	859.793	928.797	1047.234	1150.866	1188.253
62.5	843.358	911.233	1027.913	1128.283	1164.667
63.0	826.546	894.546	1008.466	1105.825	1140.703
63.5	809.608	876.731	988.016	1083.367	1117.367
64.0	792.420	858.539	967.440	1060.282	1094.157
64.5	775.232	839.845	946.613	1039.330	1070.319
65.0	758.043	821.276	925.661	1016.245	1047.987
65.5	740.604	802.708	905.211	992.909	1024.400
66.0	723.290	784.139	885.137	969.698	1000.562
66.5	705.725	765.320	864.561	946.488	976.222
67.0	688.412	746.375	843.232	922.901	952.259
67.5	671.098	727.430	821.653	898.937	927.794
68.0	653.533	708.235	799.697	874.849	902.576
68.5	635.592	689.039	778.117	853.269	877.483
69.0	617.776	670.220	756.287	829.180	854.775
69.5	600.086	651.024	734.582	804.715	830.310
70.0	582.396	631.703	712.626	780.250	804.966
70.5	564.455	612.131	690.545	755.785	779.372
71.0	546.388	592.558	668.087	731.320	754.028
71.5	528.322	573.112	645.629	706.855	728.811
72.0	510.506	553.791	623.422	682.389	703.342
72.5	492.565	534.344	601.215	657.799	678.124
73.0	474.373	515.023	579.009	633.334	653.031
73.5	456.181	495.451	556.676	608.869	627.688
74.0	438.114	476.004	534.469	584.403	602.219
74.5	420.299	456.557	512.388	560.189	577.001
75.0	402.358	437.111	490.307	535.850	552.160
75.5	384.542	417.789	468.476	512.012	527.820
76.0	366.601	398.468	446.771	488.299	503.355
76.5	348.785	379.273	425.192	464.587	478.890
77.0	331.095	360.202	403.863	441.125	454.675
77.5	313.405	341.257	382.660	417.789	430.838
78.0	295.840	322.564	361.582	394.830	407.125
78.5	278.652	303.995	340.881	372.121	383.789
79.0	261.589	285.678	320.305	349.538	360.704
79.5	244.777	267.611	299.980	327.331	337.745
80.0	228.216	249.545	279.906	305.501	315.161
80.5	211.655	231.980	260.209	283.921	293.080
81.0	195.470	214.541	240.888	262.844	271.375
81.5	179.537	197.603	221.692	242.142	250.172
82.0	164.105	180.917	203.249	222.068	229.220
82.5	149.049	164.607	185.182	202.371	208.895

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83.0	134.245	148.924	167.492	183.175	189.072
83.5	119.817	133.617	150.429	164.607	170.001
84.0	106.016	118.813	133.868	146.916	151.684
84.5	92.591	104.510	118.185	129.853	134.119
85.0	79.919	90.960	103.255	113.794	117.433
85.5	67.624	78.038	89.204	98.613	101.750
86.0	55.956	65.868	76.030	84.687	87.196
86.5	45.041	54.451	63.860	71.764	73.646
87.0	35.004	44.163	52.569	59.846	61.226
87.5	25.971	34.879	42.657	48.428	49.056
88.0	18.317	26.849	33.122	37.011	37.011
88.5	12.170	19.698	24.340	28.480	28.731
89.0	7.528	13.926	18.317	23.336	23.211
89.5	4.642	10.288	15.432	20.074	19.698
90.0	3.137	9.786	14.554	19.321	18.317
90.5	6.399	11.292	10.413	8.782	8.155
91.0	10.915	21.078	18.443	16.185	15.557
91.5	17.188	34.377	30.864	26.347	25.218
92.0	24.340	48.805	48.052	39.270	36.760
92.5	31.115	61.477	68.879	57.713	53.823
93.0	39.270	72.517	91.462	81.801	77.034
93.5	50.561	84.436	114.798	109.027	103.506
94.0	63.860	97.735	137.005	137.130	131.359
94.5	77.661	112.163	157.957	164.983	160.968
95.0	91.587	127.219	178.909	193.086	191.957
95.5	105.514	143.152	201.116	221.943	223.574
96.0	119.942	159.714	224.578	251.426	255.692
96.5	134.370	177.027	249.168	281.663	288.814
97.0	148.798	194.843	274.888	313.656	322.438
97.5	163.226	213.160	301.110	345.272	356.940
98.0	177.655	231.854	328.209	378.018	392.321
98.5	192.334	250.799	355.184	411.767	428.328
99.0	207.138	269.995	382.911	446.018	465.214
99.5	222.068	289.442	411.015	481.022	502.477
100.0	237.124	309.014	440.624	518.536	539.990
100.5	252.054	328.962	468.100	557.554	578.005
101.0	267.360	348.911	497.458	593.939	616.522
101.5	282.667	369.236	528.573	627.813	655.164
102.0	297.848	389.184	556.300	661.563	694.308
102.5	313.279	409.007	584.529	698.072	733.578
103.0	328.962	429.959	615.894	736.338	773.099
103.5	344.519	450.033	647.887	775.733	812.745
104.0	360.328	469.480	675.865	813.498	852.265
104.5	375.885	489.930	702.463	850.007	891.159
105.0	391.568	511.259	731.069	885.387	929.550
105.5	407.000	531.082	762.058	919.513	967.063
106.0	422.557	550.027	793.549	952.133	1003.448
106.5	438.114	569.599	823.033	985.130	1041.964
107.0	453.421	589.924	849.505	1019.632	1080.230
107.5	468.853	611.127	875.100	1055.263	1117.869
108.0	484.159	630.699	901.070	1089.389	1155.131
108.5	499.215	648.891	926.539	1123.264	1192.017
109.0	514.145	666.832	951.883	1158.143	1228.652
109.5	528.949	685.150	977.979	1193.147	1264.660
110.0	543.754	704.220	1004.451	1228.151	1299.789
110.5	558.182	723.792	1030.798	1262.151	1334.919

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111.0	572.485	742.988	1055.263	1294.771	1370.048
111.5	586.411	761.305	1078.098	1327.391	1402.669
112.0	600.212	778.117	1100.430	1360.011	1436.543
112.5	614.013	793.675	1122.386	1390.122	1469.164
113.0	627.813	809.357	1144.091	1420.233	1500.529
113.5	641.363	825.166	1166.298	1447.835	1531.895
114.0	654.537	841.476	1188.504	1476.691	1562.006
114.5	667.585	857.660	1210.711	1504.293	1592.117
115.0	680.382	873.970	1232.542	1529.386	1620.973
115.5	692.928	890.030	1253.494	1554.478	1648.575
116.0	705.098	905.211	1274.697	1579.570	1676.176
116.5	717.143	919.764	1294.771	1602.154	1703.778
117.0	729.312	932.436	1313.590	1624.737	1730.125
117.5	741.482	944.857	1331.155	1647.320	1755.218
118.0	753.025	957.152	1347.465	1668.649	1780.310
118.5	764.567	967.691	1362.521	1688.723	1804.148
119.0	775.483	979.108	1377.576	1708.797	1826.731
119.5	785.896	990.023	1391.377	1727.616	1846.805
120.0	796.058	1001.440	1405.178	1746.435	1868.134
120.5	805.970	1013.234	1417.724	1762.745	1886.953
121.0	815.756	1024.651	1431.525	1779.055	1905.772
121.5	825.417	1035.942	1444.071	1795.366	1923.337
122.0	834.952	1046.857	1456.617	1810.421	1940.902
122.5	844.236	1057.271	1467.909	1825.477	1955.957
123.0	852.893	1067.433	1479.201	1838.023	1972.267
123.5	861.424	1076.592	1490.492	1850.569	1984.814
124.0	869.579	1085.500	1500.529	1863.115	1998.615
124.5	877.985	1093.153	1510.566	1873.152	2009.906
125.0	886.517	1100.555	1519.349	1883.189	2021.198
125.5	893.919	1107.205	1528.131	1893.226	2031.235
126.0	901.196	1113.603	1536.913	1900.754	2040.017
126.5	907.971	1120.127	1544.441	1908.282	2047.545
127.0	914.620	1126.150	1550.714	1914.555	2056.327
127.5	921.019	1132.172	1556.987	1919.573	2061.346
128.0	927.166	1137.441	1563.260	1925.846	2065.110
128.5	932.812	1142.334	1567.024	1929.610	2070.128
129.0	938.584	1146.976	1570.788	1933.374	2073.892
129.5	943.853	1151.242	1573.297	1937.138	2076.401
130.0	948.871	1155.633	1577.061	1938.393	2080.165
130.5	953.639	1159.648	1578.316	1940.902	2082.674
131.0	958.156	1163.286	1579.570	1942.156	2083.929
131.5	962.421	1167.176	1580.825	1943.411	2083.929
132.0	966.311	1169.560	1580.825	1943.411	2083.929
132.5	970.200	1172.445	1580.825	1942.156	2081.420
133.0	973.713	1174.954	1580.825	1940.902	2078.910
133.5	976.724	1177.087	1579.570	1938.393	2077.656
134.0	979.861	1178.718	1579.570	1935.883	2075.147
134.5	982.746	1180.600	1578.316	1932.120	2071.383
135.0	985.632	1181.729	1577.061	1928.356	2067.619
135.5	988.392	1182.357	1574.552	1923.337	2063.855
136.0	990.399	1182.733	1572.043	1918.319	2058.836
136.5	992.030	1181.980	1568.279	1913.300	2051.309
137.0	993.536	1181.479	1564.515	1907.027	2045.036
137.5	995.042	1180.475	1560.751	1900.754	2036.253
138.0	996.171	1179.346	1556.987	1893.226	2028.725
138.5	997.174	1178.217	1551.969	1885.698	2021.198

IES INDOOR REPORT
PHOTOMETRIC FILENAME : SDI5-8-L16-835-DMA-50U-50D-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

139.0	998.053	1176.209	1548.205	1878.171	2012.415
139.5	998.554	1173.951	1543.186	1869.388	2003.633
140.0	998.931	1172.194	1536.913	1861.861	1993.596
140.5	998.931	1170.438	1530.640	1851.824	1982.304
141.0	998.680	1168.054	1525.622	1843.041	1972.267
141.5	998.178	1165.419	1519.349	1833.004	1959.721
142.0	997.551	1163.036	1513.075	1824.222	1947.175
142.5	997.049	1159.648	1506.802	1814.185	1934.629
143.0	996.422	1156.762	1499.275	1804.148	1920.828
143.5	995.292	1153.124	1491.747	1791.602	1908.282
144.0	993.912	1148.858	1484.219	1780.310	1895.735
144.5	992.532	1145.345	1475.437	1769.019	1881.935
145.0	991.152	1141.456	1466.654	1756.472	1868.134
145.5	989.772	1137.943	1459.127	1745.181	1854.333
146.0	988.016	1133.050	1450.344	1731.380	1839.277
146.5	985.883	1128.784	1440.307	1717.579	1824.222
147.0	983.624	1124.519	1431.525	1705.033	1809.166
147.5	981.115	1119.751	1421.488	1691.232	1794.111
148.0	978.731	1113.980	1411.451	1677.431	1777.801
148.5	976.348	1108.710	1401.414	1662.376	1762.745
149.0	973.964	1104.068	1391.377	1647.320	1746.435
149.5	971.329	1098.673	1380.085	1632.265	1730.125
150.0	968.067	1093.028	1370.048	1617.209	1713.815
150.5	964.931	1087.758	1358.757	1602.154	1696.250
151.0	961.418	1082.112	1347.465	1587.098	1678.686
151.5	958.030	1076.968	1336.174	1570.788	1661.121
152.0	954.768	1071.448	1324.882	1554.478	1644.811
152.5	951.506	1065.426	1312.336	1538.168	1627.246
153.0	948.244	1059.027	1301.044	1521.858	1609.681
153.5	945.233	1053.005	1288.498	1504.293	1590.862
154.0	941.720	1046.857	1275.952	1486.728	1570.788
154.5	938.082	1040.333	1263.405	1469.164	1551.969
155.0	934.443	1033.684	1250.608	1451.599	1531.895
155.5	930.554	1026.909	1237.811	1434.034	1513.075
156.0	926.665	1019.632	1225.139	1416.469	1493.001
156.5	922.399	1013.234	1212.719	1397.650	1474.182
157.0	918.510	1006.082	1199.921	1380.085	1455.363
157.5	914.620	999.056	1186.622	1362.521	1436.543
158.0	911.107	992.030	1173.198	1343.701	1415.215
158.5	907.343	984.754	1160.150	1324.882	1395.141
159.0	903.830	978.104	1147.102	1306.063	1375.067
159.5	900.192	971.956	1133.803	1288.498	1354.993
160.0	896.428	965.432	1120.378	1269.679	1333.664
160.5	892.539	959.285	1107.079	1251.612	1312.336
161.0	888.775	952.635	1093.655	1233.169	1293.516
161.5	885.011	947.993	1080.607	1214.977	1272.188
162.0	881.498	941.595	1067.684	1196.910	1250.859
162.5	877.860	934.945	1054.887	1178.844	1230.409
163.0	874.472	928.547	1041.964	1161.154	1210.209
163.5	871.085	922.273	1029.544	1142.962	1190.135
164.0	867.572	915.749	1017.248	1125.146	1170.187
164.5	864.184	909.602	1005.455	1107.707	1150.489
165.0	860.546	903.454	994.038	1091.146	1131.043
165.5	857.409	897.557	982.495	1074.208	1111.345
166.0	854.775	891.912	972.207	1057.271	1092.024
166.5	851.638	886.391	962.296	1041.588	1073.455

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-8-L16-835-DMA-50U-50D-DIM-UNV_.IES****CANDELA TABULATION - (Cont.)**

167.0	848.376	881.122	952.133	1025.905	1055.640
167.5	845.490	876.103	943.602	1010.473	1038.577
168.0	842.856	871.210	933.565	995.669	1021.138
168.5	840.472	866.568	923.904	981.366	1005.580
169.0	838.088	862.052	914.871	969.322	989.898
169.5	835.704	857.660	905.963	956.148	974.215
170.0	833.070	853.395	897.306	944.857	961.292
170.5	830.811	849.254	888.900	932.687	950.126
171.0	828.804	845.365	880.996	920.893	936.576
171.5	826.797	841.852	873.469	909.727	924.281
172.0	825.040	838.465	866.443	899.063	912.236
172.5	823.158	835.203	859.542	888.900	900.568
173.0	821.527	831.941	852.893	879.114	889.653
173.5	820.022	828.804	846.620	869.705	879.114
174.0	818.391	826.169	840.597	860.922	868.952
174.5	816.885	823.785	835.203	852.642	859.291
175.0	815.756	821.527	830.184	845.240	850.634
175.5	814.752	819.269	825.667	838.465	842.605
176.0	813.749	817.261	821.527	832.317	835.579
176.5	812.996	815.380	818.140	826.922	829.306
177.0	812.243	813.749	815.003	822.405	824.036
177.5	811.741	812.368	812.243	818.516	819.520
178.0	811.114	811.239	810.236	815.129	815.630
178.5	810.486	810.361	808.479	812.368	812.494
179.0	809.985	809.859	807.099	810.361	809.985
179.5	809.357	809.483	806.095	809.232	808.479
180.0	808.103	808.103	808.103	808.103	808.103

IES INDOOR REPORT
PHOTOMETRIC FILENAME : SDI5-8-L16-835-DMA-50U-50D-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	625.44	N.A.	4.90
0-30	1424.06	N.A.	11.00
0-40	2499.81	N.A.	19.40
0-60	4870.46	N.A.	37.80
0-80	6288.73	N.A.	48.80
0-90	6414.35	N.A.	49.80
10-90	6260.82	N.A.	48.60
20-40	1874.37	N.A.	14.50
20-50	3088.49	N.A.	24.00
40-70	3275.48	N.A.	25.40
60-80	1418.28	N.A.	11.00
70-80	513.45	N.A.	4.00
80-90	125.62	N.A.	1.00
90-110	921.69	N.A.	7.20
90-120	2097.53	N.A.	16.30
90-130	3422.68	N.A.	26.60
90-150	5529.74	N.A.	42.90
90-180	6475.88	N.A.	50.20
110-180	5554.19	N.A.	43.10
0-180	12890.23	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	153.53
10-20	471.90
20-30	798.63
30-40	1075.75
40-50	1214.12
50-60	1156.53
60-70	904.83
70-80	513.45
80-90	125.62
90-100	189.90
100-110	731.79
110-120	1175.83
120-130	1325.15
130-140	1197.5
140-150	909.57
150-160	577.61
160-170	286.93
170-180	81.60

IES INDOOR REPORT
PHOTOMETRIC FILENAME : SDI5-8-L16-835-DMA-50U-50D-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	107	107	107	107	99	99	99	99	83	83	83	69	69	69	56	56	56	50
1	97	93	89	85	90	86	82	79	72	70	67	60	58	57	49	47	46	41
2	88	80	74	69	81	74	69	64	63	59	55	52	49	46	42	40	38	34
3	80	70	63	56	73	65	58	53	55	50	46	46	42	39	37	34	32	28
4	73	62	53	47	67	57	50	44	48	43	38	40	36	33	33	29	27	23
5	67	55	46	40	61	51	43	38	43	37	33	36	31	28	29	26	23	20
6	61	49	40	34	56	45	38	32	38	32	28	32	27	24	26	23	20	17
7	56	44	36	30	52	41	33	28	35	29	24	29	24	21	24	20	17	15
8	52	40	32	26	48	37	30	25	31	26	21	26	22	18	22	18	15	13
9	49	36	28	23	45	33	26	22	29	23	19	24	20	16	20	16	14	12
10	45	33	25	21	42	31	24	19	26	21	17	22	18	15	18	15	12	10

IES INDOOR REPORT

PHOTOMETRIC FILENAME : SDI5-8-L16-835-DMA-50U-50D-DIM-UNV_.IES

UGR TABLE - CORRECTED

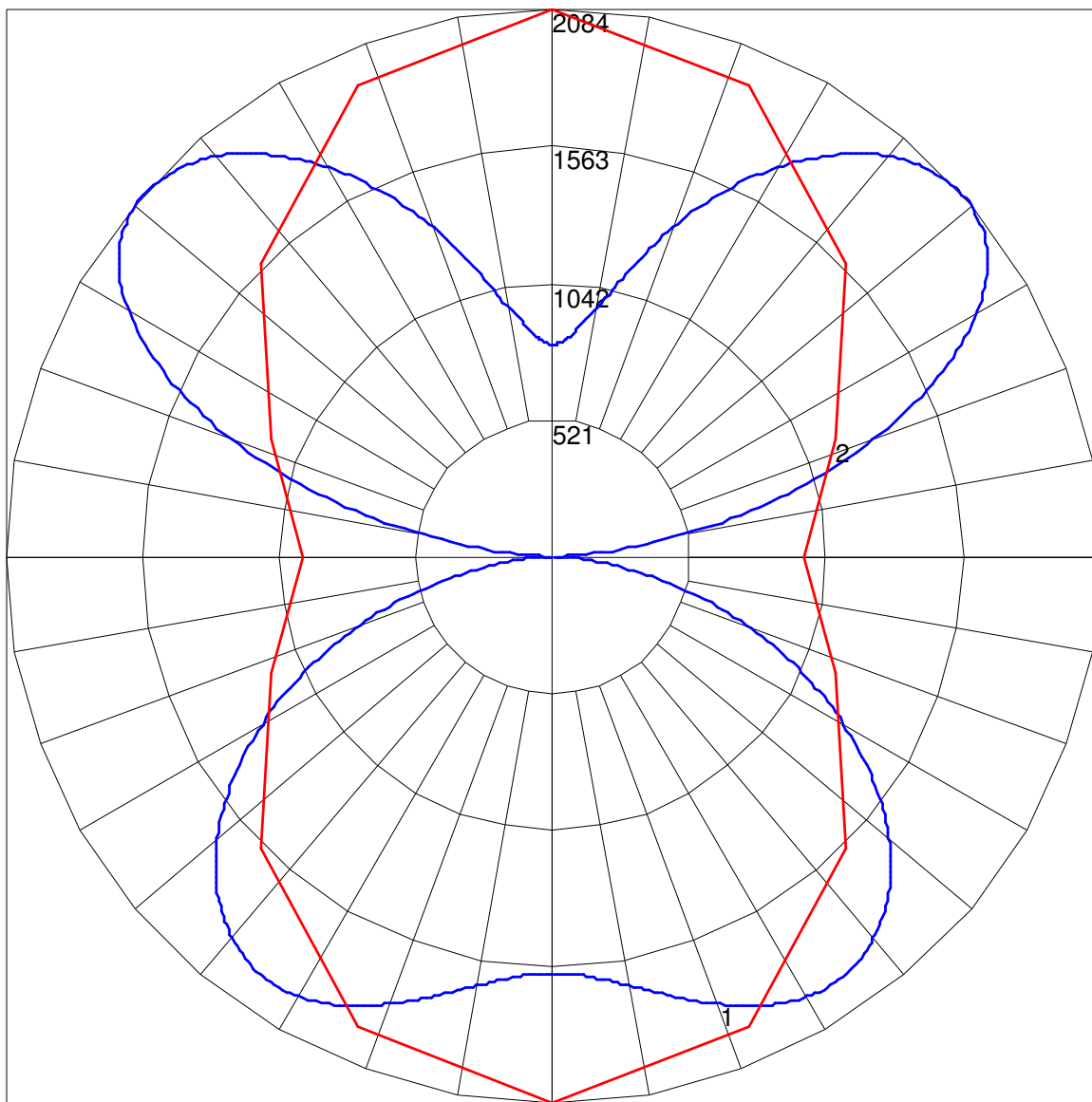
Reflectances

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	14.0	14.9	14.9	15.8	17.1	16.7	17.6	17.7	18.6	19.8
	3H	15.4	16.2	16.4	17.2	18.5	18.5	19.3	19.5	20.3	21.6
	4H	15.8	16.6	16.8	17.6	18.9	19.2	19.9	20.1	20.9	22.2
	6H	16.1	16.8	17.0	17.7	19.1	19.6	20.3	20.6	21.3	22.6
	8H	16.1	16.7	17.1	17.8	19.1	19.7	20.4	20.7	21.4	22.7
	12H	16.1	16.7	17.1	17.7	19.0	19.7	20.4	20.7	21.4	22.7
4H	2H	14.8	15.5	15.8	16.5	17.8	17.0	17.7	17.9	18.7	20.0
	3H	16.4	17.0	17.4	18.0	19.3	19.0	19.6	20.0	20.6	21.9
	4H	16.9	17.5	17.9	18.5	19.8	19.7	20.3	20.7	21.3	22.6
	6H	17.2	17.7	18.2	18.7	20.0	20.2	20.7	21.2	21.8	23.1
	8H	17.2	17.7	18.2	18.7	20.1	20.4	20.8	21.4	21.9	23.2
	12H	17.2	17.6	18.2	18.7	20.0	20.4	20.8	21.4	21.9	23.2
8H	4H	17.2	17.7	18.2	18.7	20.0	19.8	20.2	20.8	21.3	22.6
	6H	17.6	18.0	18.6	19.0	20.4	20.3	20.7	21.4	21.8	23.1
	8H	17.7	18.0	18.7	19.0	20.4	20.5	20.9	21.6	21.9	23.3
	12H	17.7	18.0	18.7	19.0	20.4	20.6	20.9	21.7	22.0	23.4
12H	4H	17.2	17.6	18.2	18.7	20.0	19.7	20.1	20.7	21.2	22.5
	6H	17.6	18.0	18.7	19.0	20.4	20.3	20.7	21.4	21.7	23.1
	8H	17.7	18.0	18.7	19.1	20.5	20.5	20.8	21.6	21.9	23.3

Maximum UGR = 23.4

POLAR GRAPH



Maximum Candela = 2083.929 Located At Horizontal Angle = 90, Vertical Angle = 131
1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (131) (Through Max. Cd.)