



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : SDI5-4-L16-835-DMA-100U-DIM-UNV\_.IES

### DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN FROM 12731921.01

[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-L16-835-DMA-100U-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	6292
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	137
Total Luminaire Watts	46
Ballast Factor	1.00
CIE Type	Indirect
Spacing Criterion (0-180)	N.A.
Spacing Criterion (90-270)	N.A.
Spacing Criterion (Diagonal)	N.A.
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	3.77 ft
Luminous Width (90-270)	0.40 ft
Luminous Height	0.00 ft

### LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	0	0	0
55	0	0	0
65	0	0	0
75	0	0	0
85	0	0	0

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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	0.000	0.000	0.000	0.000	0.000
0.5	0.000	0.000	0.000	0.000	0.000
1.0	0.000	0.000	0.000	0.000	0.000
1.5	0.000	0.000	0.000	0.000	0.000
2.0	0.000	0.000	0.000	0.000	0.000
2.5	0.000	0.000	0.000	0.000	0.000
3.0	0.000	0.000	0.000	0.000	0.000
3.5	0.000	0.000	0.000	0.000	0.000
4.0	0.000	0.000	0.000	0.000	0.000
4.5	0.000	0.000	0.000	0.000	0.000
5.0	0.000	0.000	0.000	0.000	0.000
5.5	0.000	0.000	0.000	0.000	0.000
6.0	0.000	0.000	0.000	0.000	0.000
6.5	0.000	0.000	0.000	0.000	0.000
7.0	0.000	0.000	0.000	0.000	0.000
7.5	0.000	0.000	0.000	0.000	0.000
8.0	0.000	0.000	0.000	0.000	0.000
8.5	0.000	0.000	0.000	0.000	0.000
9.0	0.000	0.000	0.000	0.000	0.000
9.5	0.000	0.000	0.000	0.000	0.000
10.0	0.000	0.000	0.000	0.000	0.000
10.5	0.000	0.000	0.000	0.000	0.000
11.0	0.000	0.000	0.000	0.000	0.000
11.5	0.000	0.000	0.000	0.000	0.000
12.0	0.000	0.000	0.000	0.000	0.000
12.5	0.000	0.000	0.000	0.000	0.000
13.0	0.000	0.000	0.000	0.000	0.000
13.5	0.000	0.000	0.000	0.000	0.000
14.0	0.000	0.000	0.000	0.000	0.000
14.5	0.000	0.000	0.000	0.000	0.000
15.0	0.000	0.000	0.000	0.000	0.000
15.5	0.000	0.000	0.000	0.000	0.000
16.0	0.000	0.000	0.000	0.000	0.000
16.5	0.000	0.000	0.000	0.000	0.000
17.0	0.000	0.000	0.000	0.000	0.000
17.5	0.000	0.000	0.000	0.000	0.000
18.0	0.000	0.000	0.000	0.000	0.000
18.5	0.000	0.000	0.000	0.000	0.000
19.0	0.000	0.000	0.000	0.000	0.000
19.5	0.000	0.000	0.000	0.000	0.000
20.0	0.000	0.000	0.000	0.000	0.000
20.5	0.000	0.000	0.000	0.000	0.000
21.0	0.000	0.000	0.000	0.000	0.000
21.5	0.000	0.000	0.000	0.000	0.000
22.0	0.000	0.000	0.000	0.000	0.000
22.5	0.000	0.000	0.000	0.000	0.000
23.0	0.000	0.000	0.000	0.000	0.000
23.5	0.000	0.000	0.000	0.000	0.000
24.0	0.000	0.000	0.000	0.000	0.000
24.5	0.000	0.000	0.000	0.000	0.000
25.0	0.000	0.000	0.000	0.000	0.000
25.5	0.000	0.000	0.000	0.000	0.000
26.0	0.000	0.000	0.000	0.000	0.000
26.5	0.000	0.000	0.000	0.000	0.000

IES INDOOR REPORT  
PHOTOMETRIC FILENAME : SDI5-4-L16-835-DMA-100U-DIM-UNV\_.IES

CANDELA TABULATION - (Cont.)

27.0	0.000	0.000	0.000	0.000	0.000
27.5	0.000	0.000	0.000	0.000	0.000
28.0	0.000	0.000	0.000	0.000	0.000
28.5	0.000	0.000	0.000	0.000	0.000
29.0	0.000	0.000	0.000	0.000	0.000
29.5	0.000	0.000	0.000	0.000	0.000
30.0	0.000	0.000	0.000	0.000	0.000
30.5	0.000	0.000	0.000	0.000	0.000
31.0	0.000	0.000	0.000	0.000	0.000
31.5	0.000	0.000	0.000	0.000	0.000
32.0	0.000	0.000	0.000	0.000	0.000
32.5	0.000	0.000	0.000	0.000	0.000
33.0	0.000	0.000	0.000	0.000	0.000
33.5	0.000	0.000	0.000	0.000	0.000
34.0	0.000	0.000	0.000	0.000	0.000
34.5	0.000	0.000	0.000	0.000	0.000
35.0	0.000	0.000	0.000	0.000	0.000
35.5	0.000	0.000	0.000	0.000	0.000
36.0	0.000	0.000	0.000	0.000	0.000
36.5	0.000	0.000	0.000	0.000	0.000
37.0	0.000	0.000	0.000	0.000	0.000
37.5	0.000	0.000	0.000	0.000	0.000
38.0	0.000	0.000	0.000	0.000	0.000
38.5	0.000	0.000	0.000	0.000	0.000
39.0	0.000	0.000	0.000	0.000	0.000
39.5	0.000	0.000	0.000	0.000	0.000
40.0	0.000	0.000	0.000	0.000	0.000
40.5	0.000	0.000	0.000	0.000	0.000
41.0	0.000	0.000	0.000	0.000	0.000
41.5	0.000	0.000	0.000	0.000	0.000
42.0	0.000	0.000	0.000	0.000	0.000
42.5	0.000	0.000	0.000	0.000	0.000
43.0	0.000	0.000	0.000	0.000	0.000
43.5	0.000	0.000	0.000	0.000	0.000
44.0	0.000	0.000	0.000	0.000	0.000
44.5	0.000	0.000	0.000	0.000	0.000
45.0	0.000	0.000	0.000	0.000	0.000
45.5	0.000	0.000	0.000	0.000	0.000
46.0	0.000	0.000	0.000	0.000	0.000
46.5	0.000	0.000	0.000	0.000	0.000
47.0	0.000	0.000	0.000	0.000	0.000
47.5	0.000	0.000	0.000	0.000	0.000
48.0	0.000	0.000	0.000	0.000	0.000
48.5	0.000	0.000	0.000	0.000	0.000
49.0	0.000	0.000	0.000	0.000	0.000
49.5	0.000	0.000	0.000	0.000	0.000
50.0	0.000	0.000	0.000	0.000	0.000
50.5	0.000	0.000	0.000	0.000	0.000
51.0	0.000	0.000	0.000	0.000	0.000
51.5	0.000	0.000	0.000	0.000	0.000
52.0	0.000	0.000	0.000	0.000	0.000
52.5	0.000	0.000	0.000	0.000	0.000
53.0	0.000	0.000	0.000	0.000	0.000
53.5	0.000	0.000	0.000	0.000	0.000
54.0	0.000	0.000	0.000	0.000	0.000
54.5	0.000	0.000	0.000	0.000	0.000

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CANDELA TABULATION - (Cont.)

55.0	0.000	0.000	0.000	0.000	0.000
55.5	0.000	0.000	0.000	0.000	0.000
56.0	0.000	0.000	0.000	0.000	0.000
56.5	0.000	0.000	0.000	0.000	0.000
57.0	0.000	0.000	0.000	0.000	0.000
57.5	0.000	0.000	0.000	0.000	0.000
58.0	0.000	0.000	0.000	0.000	0.000
58.5	0.000	0.000	0.000	0.000	0.000
59.0	0.000	0.000	0.000	0.000	0.000
59.5	0.000	0.000	0.000	0.000	0.000
60.0	0.000	0.000	0.000	0.000	0.000
60.5	0.000	0.000	0.000	0.000	0.000
61.0	0.000	0.000	0.000	0.000	0.000
61.5	0.000	0.000	0.000	0.000	0.000
62.0	0.000	0.000	0.000	0.000	0.000
62.5	0.000	0.000	0.000	0.000	0.000
63.0	0.000	0.000	0.000	0.000	0.000
63.5	0.000	0.000	0.000	0.000	0.000
64.0	0.000	0.000	0.000	0.000	0.000
64.5	0.000	0.000	0.000	0.000	0.000
65.0	0.000	0.000	0.000	0.000	0.000
65.5	0.000	0.000	0.000	0.000	0.000
66.0	0.000	0.000	0.000	0.000	0.000
66.5	0.000	0.000	0.000	0.000	0.000
67.0	0.000	0.000	0.000	0.000	0.000
67.5	0.000	0.000	0.000	0.000	0.000
68.0	0.000	0.000	0.000	0.000	0.000
68.5	0.000	0.000	0.000	0.000	0.000
69.0	0.000	0.000	0.000	0.000	0.000
69.5	0.000	0.000	0.000	0.000	0.000
70.0	0.000	0.000	0.000	0.000	0.000
70.5	0.000	0.000	0.000	0.000	0.000
71.0	0.000	0.000	0.000	0.000	0.000
71.5	0.000	0.000	0.000	0.000	0.000
72.0	0.000	0.000	0.000	0.000	0.000
72.5	0.000	0.000	0.000	0.000	0.000
73.0	0.000	0.000	0.000	0.000	0.000
73.5	0.000	0.000	0.000	0.000	0.000
74.0	0.000	0.000	0.000	0.000	0.000
74.5	0.000	0.000	0.000	0.000	0.000
75.0	0.000	0.000	0.000	0.000	0.000
75.5	0.000	0.000	0.000	0.000	0.000
76.0	0.000	0.000	0.000	0.000	0.000
76.5	0.000	0.000	0.000	0.000	0.000
77.0	0.000	0.000	0.000	0.000	0.000
77.5	0.000	0.000	0.000	0.000	0.000
78.0	0.000	0.000	0.000	0.000	0.000
78.5	0.000	0.000	0.000	0.000	0.000
79.0	0.000	0.000	0.000	0.000	0.000
79.5	0.000	0.000	0.000	0.000	0.000
80.0	0.000	0.000	0.000	0.000	0.000
80.5	0.000	0.000	0.000	0.000	0.000
81.0	0.000	0.000	0.000	0.000	0.000
81.5	0.000	0.000	0.000	0.000	0.000
82.0	0.000	0.000	0.000	0.000	0.000
82.5	0.000	0.000	0.000	0.000	0.000

**IES INDOOR REPORT**  
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**CANDELA TABULATION - (Cont.)**

83.0	0.000	0.000	0.000	0.000	0.000
83.5	0.000	0.000	0.000	0.000	0.000
84.0	0.000	0.000	0.000	0.000	0.000
84.5	0.000	0.000	0.000	0.000	0.000
85.0	0.000	0.000	0.000	0.000	0.000
85.5	0.000	0.000	0.000	0.000	0.000
86.0	0.000	0.000	0.000	0.000	0.000
86.5	0.000	0.000	0.000	0.000	0.000
87.0	0.000	0.000	0.000	0.000	0.000
87.5	0.000	0.000	0.000	0.000	0.000
88.0	0.000	0.000	0.000	0.000	0.000
88.5	0.000	0.000	0.000	0.000	0.000
89.0	0.000	0.000	0.000	0.000	0.000
89.5	0.000	0.000	0.000	0.000	0.000
90.0	0.000	0.000	0.000	0.000	0.000
90.5	1.757	6.276	8.033	8.347	8.158
91.0	3.075	9.727	11.987	12.551	12.112
91.5	4.958	12.677	16.631	17.133	16.693
92.0	7.343	15.313	20.898	22.279	21.714
92.5	10.229	20.019	23.910	26.985	26.985
93.0	13.430	30.751	27.111	30.374	30.876
93.5	17.195	51.461	30.688	33.889	34.391
94.0	21.463	73.676	34.956	37.842	38.093
94.5	26.295	93.131	40.729	42.173	42.424
95.0	31.567	111.895	50.394	46.879	47.005
95.5	37.340	130.534	72.170	52.151	52.088
96.0	43.490	149.800	117.606	58.803	57.611
96.5	50.205	168.376	182.120	70.790	63.635
97.0	57.297	187.517	237.095	94.386	75.245
97.5	64.953	207.160	284.916	136.496	99.532
98.0	72.923	226.740	341.020	203.709	136.057
98.5	81.396	245.003	384.511	289.497	197.370
99.0	90.307	263.830	414.383	365.809	285.104
99.5	99.470	283.159	440.553	436.411	373.026
100.0	109.134	304.245	467.287	507.891	448.397
100.5	119.112	324.641	495.214	579.685	526.028
101.0	129.530	343.593	525.023	641.375	601.838
101.5	140.199	364.052	554.707	680.911	675.263
102.0	151.369	385.703	580.877	709.779	743.668
102.5	162.917	408.735	606.733	738.020	783.832
103.0	174.464	431.767	635.099	768.143	813.328
103.5	186.388	453.041	662.084	793.246	841.569
104.0	198.751	474.379	685.932	822.742	872.320
104.5	211.177	493.331	706.014	859.141	896.795
105.0	223.854	511.844	726.096	891.774	923.153
105.5	236.907	533.182	748.061	916.249	956.414
106.0	250.023	555.272	771.281	940.097	990.930
106.5	263.328	571.652	795.129	966.455	1017.915
107.0	276.757	587.968	817.094	994.695	1040.508
107.5	290.376	606.544	839.058	1019.798	1064.355
108.0	304.245	627.380	860.396	1041.135	1091.968
108.5	318.177	646.395	881.733	1059.962	1119.581
109.0	332.360	662.084	903.070	1078.162	1144.056
109.5	346.731	678.401	925.035	1096.989	1163.511
110.0	360.726	692.835	946.373	1117.699	1179.828
110.5	375.097	709.779	967.082	1139.036	1196.772

**IES INDOOR REPORT****PHOTOMETRIC FILENAME : SDI5-4-L16-835-DMA-100U-DIM-UNV\_.IES****CANDELA TABULATION - (Cont.)**

111.0	389.469	726.724	987.164	1160.373	1214.972
111.5	404.154	741.158	1006.619	1181.083	1233.171
112.0	418.964	756.219	1026.701	1201.165	1251.998
112.5	433.838	770.026	1047.411	1219.992	1270.198
113.0	448.648	781.322	1068.748	1239.447	1288.397
113.5	463.522	790.736	1088.203	1257.646	1305.341
114.0	478.332	802.032	1105.147	1275.846	1322.913
114.5	492.955	814.583	1120.209	1292.790	1339.858
115.0	507.514	826.507	1135.271	1309.107	1356.174
115.5	522.262	837.176	1152.215	1325.424	1372.491
116.0	536.822	847.844	1170.414	1341.740	1388.180
116.5	551.632	858.513	1188.614	1357.430	1404.497
117.0	566.694	869.809	1208.068	1372.491	1419.559
117.5	581.630	881.105	1223.758	1388.180	1435.248
118.0	596.629	893.029	1234.426	1403.870	1449.682
118.5	611.502	904.325	1244.467	1420.186	1464.116
119.0	625.874	914.994	1255.136	1436.503	1478.550
119.5	640.747	925.663	1266.432	1452.820	1492.357
120.0	654.553	936.331	1278.356	1466.626	1506.163
120.5	668.987	947.000	1291.535	1477.923	1521.852
121.0	683.422	957.669	1303.459	1486.709	1536.914
121.5	697.228	967.710	1314.127	1494.867	1551.976
122.0	711.662	978.379	1323.541	1505.536	1563.899
122.5	726.096	989.047	1332.954	1518.715	1572.685
123.0	740.530	999.088	1341.740	1533.776	1580.216
123.5	754.337	1009.129	1349.271	1548.210	1587.119
124.0	768.143	1019.170	1356.174	1557.624	1596.533
124.5	782.577	1028.584	1363.705	1563.899	1608.457
125.0	796.384	1037.370	1371.864	1569.548	1622.891
125.5	810.818	1046.156	1382.532	1574.568	1636.697
126.0	824.624	1054.314	1391.318	1580.844	1645.483
126.5	838.431	1062.473	1398.222	1587.119	1651.131
127.0	852.237	1070.631	1403.870	1594.023	1655.524
127.5	865.416	1078.162	1408.890	1601.554	1659.290
128.0	877.968	1085.693	1412.656	1608.457	1663.683
128.5	891.147	1092.596	1417.049	1615.360	1669.331
129.0	903.698	1099.499	1422.697	1621.636	1674.979
129.5	916.249	1106.402	1427.717	1626.656	1680.627
130.0	928.801	1113.306	1432.110	1631.049	1685.648
130.5	941.352	1119.581	1433.993	1634.815	1690.668
131.0	953.276	1125.857	1434.620	1636.697	1695.061
131.5	965.827	1132.133	1436.503	1638.580	1699.454
132.0	977.751	1137.781	1439.013	1640.463	1702.592
132.5	989.675	1144.056	1442.151	1644.228	1705.102
133.0	1001.599	1149.705	1445.917	1648.621	1706.985
133.5	1013.522	1155.353	1449.055	1652.387	1707.613
134.0	1024.819	1161.001	1452.192	1653.642	1708.868
134.5	1036.742	1166.021	1455.330	1652.387	1709.495
135.0	1048.039	1171.669	1458.468	1651.759	1712.006
135.5	1059.335	1177.318	1460.978	1651.131	1715.771
136.0	1070.631	1182.338	1464.116	1652.387	1718.281
136.5	1081.927	1187.986	1466.626	1654.269	1716.398
137.0	1093.851	1193.007	1469.137	1655.524	1713.261
137.5	1105.147	1198.027	1471.019	1654.269	1711.378
138.0	1115.816	1203.048	1473.530	1651.759	1710.750
138.5	1127.112	1208.068	1475.412	1648.621	1710.750

**IES INDOOR REPORT**  
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**CANDELA TABULATION - (Cont.)**

139.0	1137.781	1213.717	1477.295	1646.111	1712.006
139.5	1148.449	1219.365	1479.178	1644.856	1710.750
140.0	1159.118	1226.268	1480.433	1644.228	1706.985
140.5	1169.159	1233.171	1481.688	1644.228	1703.220
141.0	1179.200	1240.702	1482.943	1643.601	1698.827
141.5	1188.614	1247.605	1484.198	1642.973	1695.689
142.0	1198.655	1255.136	1484.826	1642.973	1693.178
142.5	1208.068	1262.667	1486.081	1642.345	1691.296
143.0	1218.110	1268.943	1486.709	1641.090	1690.041
143.5	1226.895	1275.846	1486.709	1640.463	1688.786
144.0	1236.309	1282.121	1487.336	1639.208	1686.903
144.5	1245.722	1287.770	1486.709	1637.325	1685.648
145.0	1254.508	1294.045	1486.709	1636.070	1683.765
145.5	1263.294	1299.693	1486.709	1634.187	1681.882
146.0	1272.080	1305.341	1486.081	1632.304	1679.372
146.5	1280.866	1310.990	1484.826	1629.794	1676.862
147.0	1289.652	1316.638	1484.198	1627.911	1674.351
147.5	1297.811	1322.286	1482.943	1625.401	1671.841
148.0	1306.597	1328.561	1481.060	1622.263	1668.703
148.5	1314.755	1334.210	1479.805	1619.753	1665.565
149.0	1322.913	1339.858	1477.923	1616.615	1661.800
149.5	1330.444	1345.506	1476.668	1613.477	1658.662
150.0	1338.603	1351.154	1474.157	1610.340	1654.897
150.5	1346.133	1356.174	1472.275	1607.202	1650.504
151.0	1353.664	1361.823	1469.764	1604.064	1646.738
151.5	1361.195	1367.471	1467.882	1600.298	1642.973
152.0	1368.726	1373.119	1465.371	1595.905	1638.580
152.5	1375.629	1378.767	1462.861	1592.140	1634.187
153.0	1382.532	1383.787	1460.351	1587.747	1629.794
153.5	1390.063	1389.436	1458.468	1582.727	1625.401
154.0	1396.339	1394.456	1456.585	1577.706	1620.381
154.5	1403.242	1400.104	1455.330	1572.685	1614.732
155.0	1409.518	1405.125	1454.075	1567.665	1609.084
155.5	1415.793	1410.145	1454.075	1562.017	1603.436
156.0	1422.069	1415.793	1456.585	1555.741	1597.161
156.5	1428.345	1420.814	1459.723	1550.093	1590.257
157.0	1433.993	1425.835	1462.861	1543.817	1583.354
157.5	1440.269	1430.855	1465.999	1537.542	1576.451
158.0	1445.917	1435.876	1469.137	1530.638	1569.548
158.5	1450.937	1440.896	1471.019	1524.990	1562.017
159.0	1456.585	1445.289	1472.275	1518.715	1554.486
159.5	1462.233	1450.310	1474.157	1513.694	1546.955
160.0	1467.254	1454.703	1475.412	1509.301	1539.424
160.5	1472.275	1459.723	1476.668	1504.908	1532.521
161.0	1476.668	1464.116	1478.550	1504.281	1526.245
161.5	1481.060	1468.509	1479.805	1504.908	1520.597
162.0	1486.081	1472.275	1481.688	1506.791	1515.577
162.5	1490.474	1476.040	1482.943	1508.673	1515.577
163.0	1494.867	1479.805	1484.198	1509.301	1516.204
163.5	1498.632	1483.571	1486.081	1508.673	1518.087
164.0	1503.025	1487.336	1487.336	1508.046	1519.970
164.5	1506.791	1490.474	1489.219	1507.418	1519.342
165.0	1510.556	1493.612	1491.102	1506.791	1518.087
165.5	1513.694	1496.750	1492.984	1506.791	1516.832
166.0	1517.459	1499.888	1494.867	1506.163	1516.204
166.5	1520.597	1503.025	1496.750	1506.163	1514.949

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**CANDELA TABULATION - (Cont.)**

167.0	1523.735	1506.163	1498.005	1506.163	1514.322
167.5	1526.873	1508.673	1499.888	1506.791	1513.694
168.0	1530.011	1511.184	1501.770	1506.791	1513.694
168.5	1532.521	1513.694	1503.025	1508.046	1513.694
169.0	1535.031	1516.204	1504.908	1508.673	1513.694
169.5	1537.542	1518.087	1506.791	1509.301	1513.694
170.0	1540.052	1520.597	1508.046	1509.929	1514.322
170.5	1541.935	1522.480	1509.929	1510.556	1514.322
171.0	1544.445	1524.363	1511.184	1511.184	1514.949
171.5	1546.328	1526.245	1512.439	1512.439	1515.577
172.0	1547.583	1527.501	1514.322	1513.066	1516.204
172.5	1549.465	1529.383	1515.577	1513.694	1516.204
173.0	1550.721	1530.638	1516.204	1514.949	1516.832
173.5	1552.603	1531.894	1517.459	1515.577	1517.459
174.0	1553.231	1533.149	1518.715	1516.204	1518.087
174.5	1554.486	1534.404	1519.342	1516.832	1518.715
175.0	1555.741	1535.031	1520.597	1517.459	1519.342
175.5	1556.369	1536.286	1521.225	1518.087	1519.970
176.0	1556.996	1536.914	1521.852	1518.715	1520.597
176.5	1557.624	1537.542	1521.852	1519.342	1521.225
177.0	1558.251	1538.169	1522.480	1519.970	1521.852
177.5	1558.879	1538.797	1523.108	1520.597	1522.480
178.0	1559.506	1538.797	1523.108	1520.597	1523.108
178.5	1559.506	1539.424	1523.108	1520.597	1523.108
179.0	1559.506	1539.424	1523.735	1521.225	1523.735
179.5	1559.506	1539.424	1523.735	1521.225	1523.735
180.0	1531.894	1531.894	1531.894	1531.894	1531.894



**IES INDOOR REPORT**  
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**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	0.00	N.A.	0.00
0-30	0.00	N.A.	0.00
0-40	0.00	N.A.	0.00
0-60	0.00	N.A.	0.00
0-80	0.00	N.A.	0.00
0-90	0.00	N.A.	0.00
10-90	0.00	N.A.	0.00
20-40	0.00	N.A.	0.00
20-50	0.00	N.A.	0.00
40-70	0.00	N.A.	0.00
60-80	0.00	N.A.	0.00
70-80	0.00	N.A.	0.00
80-90	0.00	N.A.	0.00
90-110	824.83	N.A.	13.10
90-120	1861.7	N.A.	29.60
90-130	3018.82	N.A.	48.00
90-150	5034.68	N.A.	80.00
90-180	6292.29	N.A.	100.00
110-180	5467.46	N.A.	86.90
0-180	6292.29	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	0.00
10-20	0.00
20-30	0.00
30-40	0.00
40-50	0.00
50-60	0.00
60-70	0.00
70-80	0.00
80-90	0.00
90-100	121.77
100-110	703.06
110-120	1036.87
120-130	1157.12
130-140	1093.56
140-150	922.30
150-160	687.19
160-170	424.95
170-180	145.46

# IES INDOOR REPORT

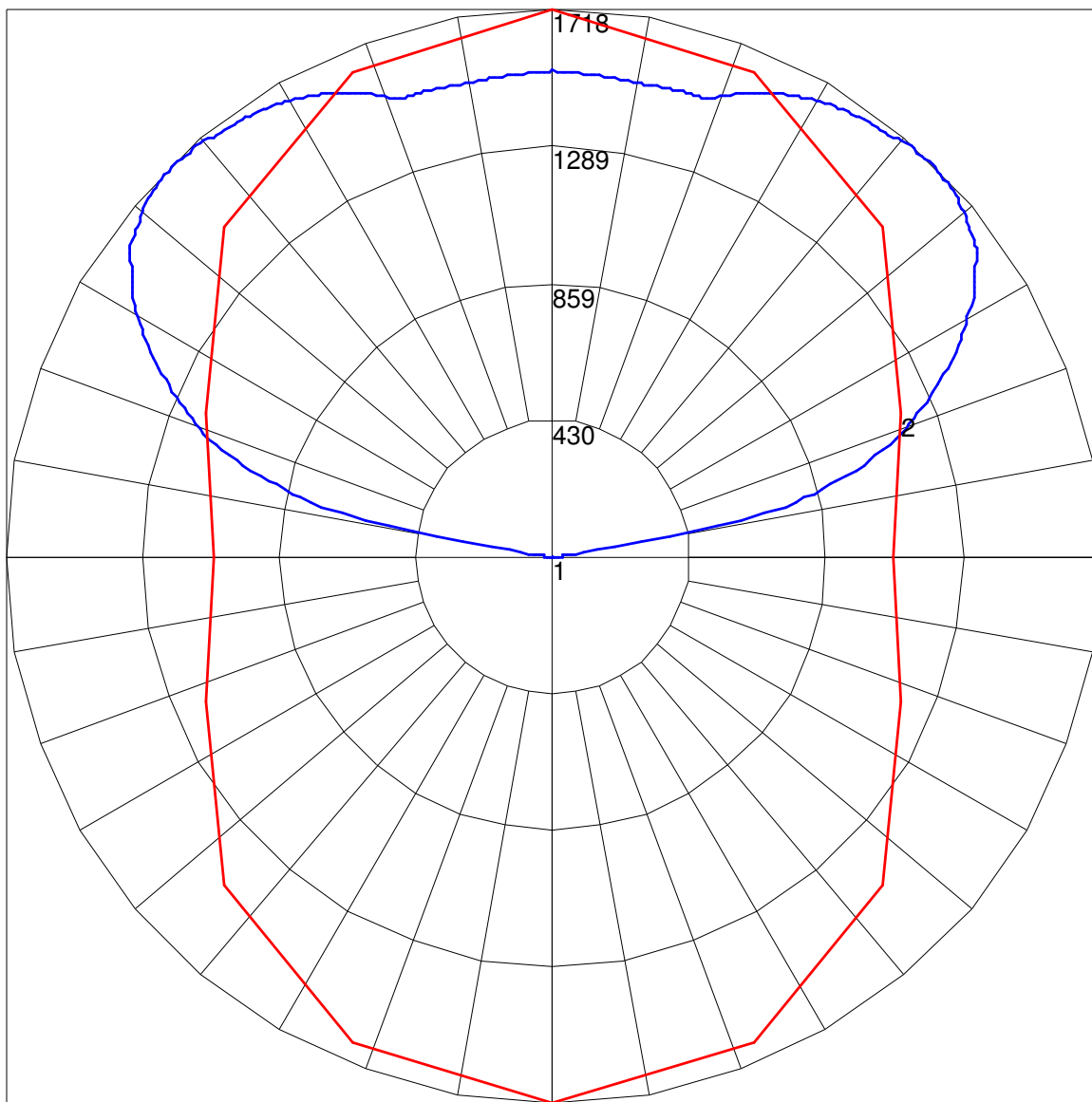
PHOTOMETRIC FILENAME : SDI5-4-L16-835-DMA-100U-DIM-UNV\_.IES

## COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

RC RW	80				70				50			30			10			0
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	
0	95	95	95	95	81	81	81	81	56	56	56	32	32	32	10	10	10	0
1	87	83	79	76	74	71	68	65	48	47	45	28	27	26	9	9	8	0
2	79	72	66	62	67	62	57	53	42	40	37	24	23	22	8	7	7	0
3	72	63	56	51	61	54	49	44	37	34	31	21	20	18	7	6	6	0
4	65	56	48	43	56	48	42	37	33	29	26	19	17	16	6	6	5	0
5	60	49	42	36	51	42	36	32	29	25	22	17	15	13	5	5	4	0
6	55	44	36	31	47	38	32	27	26	22	19	15	13	11	5	4	4	0
7	50	39	32	27	43	34	28	23	23	19	17	14	11	10	4	4	3	0
8	47	35	28	23	40	30	24	20	21	17	14	12	10	9	4	3	3	0
9	43	32	25	20	37	28	22	18	19	15	13	11	9	8	4	3	3	0
10	40	29	22	18	34	25	19	16	17	14	11	10	8	7	3	3	2	0

POLAR GRAPH



Maximum Candela = 1718.281 Located At Horizontal Angle = 90, Vertical Angle = 136  
# 1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (136) (Through Max. Cd.)