



IES INDOOR REPORT

PHOTOMETRIC FILENAME : SDI5-4-L27-835-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] 4' SUSPENDED LED LUMINAIRE
[MORE] WITH FROSTED ACRYLIC LENS
[LUMCAT] SDI5-4-L27-835-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	10501
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	135
Total Luminaire Watts	78
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)	3.67 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	13610	12606	13345
55	13455	11523	11914
65	12614	9458	9462
75	10331	6190	5941
85	4810	1776	1624

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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	1296.010	1296.010	1296.010	1296.010	1296.010
0.5	1294.988	1302.143	1292.944	1293.966	1294.988
1.0	1294.988	1302.143	1292.944	1293.966	1296.010
1.5	1296.010	1301.121	1292.944	1294.988	1297.032
2.0	1294.988	1302.143	1293.966	1296.010	1298.054
2.5	1294.988	1302.143	1293.966	1297.032	1299.076
3.0	1294.988	1302.143	1294.988	1298.054	1301.121
3.5	1294.988	1302.143	1296.010	1300.098	1303.165
4.0	1294.988	1302.143	1297.032	1302.143	1305.209
4.5	1294.988	1303.165	1298.054	1304.187	1308.275
5.0	1293.966	1303.165	1300.098	1307.253	1311.341
5.5	1294.988	1303.165	1301.121	1309.297	1314.408
6.0	1294.988	1303.165	1303.165	1312.364	1318.496
6.5	1294.988	1304.187	1305.209	1315.430	1322.584
7.0	1294.988	1305.209	1307.253	1318.496	1326.673
7.5	1293.966	1305.209	1309.297	1322.584	1329.739
8.0	1293.966	1306.231	1311.341	1326.673	1333.827
8.5	1292.944	1306.231	1314.408	1330.761	1338.938
9.0	1293.966	1307.253	1316.452	1334.849	1344.048
9.5	1293.966	1307.253	1319.518	1338.938	1348.137
10.0	1292.944	1307.253	1321.562	1343.026	1353.247
10.5	1291.922	1308.275	1323.606	1347.115	1358.358
11.0	1291.922	1309.297	1326.673	1352.225	1364.490
11.5	1291.922	1310.319	1328.717	1357.335	1369.601
12.0	1291.922	1310.319	1331.783	1362.446	1375.733
12.5	1291.922	1311.341	1334.849	1367.556	1380.844
13.0	1291.922	1312.364	1337.916	1372.667	1386.976
13.5	1290.900	1312.364	1340.982	1377.777	1393.109
14.0	1289.878	1313.386	1344.048	1382.888	1400.263
14.5	1288.855	1314.408	1347.115	1389.020	1406.396
15.0	1288.855	1314.408	1350.181	1394.131	1412.528
15.5	1287.833	1315.430	1354.269	1400.263	1419.683
16.0	1287.833	1316.452	1356.313	1406.396	1426.838
16.5	1286.811	1316.452	1359.380	1411.506	1432.970
17.0	1286.811	1316.452	1363.468	1417.639	1440.125
17.5	1285.789	1317.474	1366.534	1423.771	1447.279
18.0	1283.745	1318.496	1369.601	1428.882	1453.412
18.5	1283.745	1318.496	1372.667	1435.014	1460.567
19.0	1281.701	1318.496	1375.733	1440.125	1466.699
19.5	1280.679	1318.496	1378.799	1446.257	1473.854
20.0	1279.657	1318.496	1381.866	1451.368	1479.986
20.5	1277.612	1318.496	1384.932	1456.478	1486.119
21.0	1277.612	1319.518	1387.998	1461.589	1493.273
21.5	1276.590	1318.496	1391.064	1467.721	1499.406
22.0	1274.546	1318.496	1394.131	1472.832	1505.539
22.5	1273.524	1318.496	1396.175	1477.942	1511.671
23.0	1271.480	1318.496	1399.241	1484.075	1516.781
23.5	1269.436	1317.474	1401.285	1488.163	1521.892
24.0	1268.414	1316.452	1403.330	1493.273	1528.024
24.5	1266.369	1316.452	1405.374	1498.384	1533.135
25.0	1264.325	1316.452	1407.418	1502.472	1539.267
25.5	1262.281	1315.430	1409.462	1507.583	1544.378
26.0	1260.237	1314.408	1411.506	1511.671	1549.488
26.5	1258.193	1313.386	1412.528	1515.759	1553.577

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CANDELA TABULATION - (Cont.)

27.0	1255.126	1312.364	1413.550	1518.826	1557.665
27.5	1253.082	1311.341	1415.595	1521.892	1561.753
28.0	1250.016	1309.297	1416.617	1525.980	1565.842
28.5	1247.972	1307.253	1417.639	1528.024	1569.930
29.0	1244.906	1306.231	1417.639	1531.091	1575.041
29.5	1240.817	1304.187	1418.661	1533.135	1577.085
30.0	1237.751	1302.143	1418.661	1535.179	1579.129
30.5	1234.685	1299.076	1418.661	1537.223	1581.173
31.0	1231.618	1297.032	1418.661	1538.245	1583.217
31.5	1227.530	1294.988	1417.639	1539.267	1586.284
32.0	1222.420	1291.922	1416.617	1540.290	1587.306
32.5	1218.331	1288.855	1415.595	1540.290	1588.328
33.0	1215.265	1285.789	1414.573	1541.312	1588.328
33.5	1211.177	1281.701	1412.528	1540.290	1589.350
34.0	1207.088	1277.612	1410.484	1540.290	1588.328
34.5	1200.956	1274.546	1408.440	1538.245	1587.306
35.0	1196.867	1270.458	1406.396	1537.223	1586.284
35.5	1191.757	1266.369	1404.352	1534.157	1584.239
36.0	1186.646	1262.281	1401.285	1533.135	1582.195
36.5	1181.536	1257.171	1397.197	1530.069	1579.129
37.0	1176.426	1253.082	1394.131	1525.980	1575.041
37.5	1171.315	1247.972	1390.042	1521.892	1571.974
38.0	1165.183	1242.861	1384.932	1517.804	1566.864
38.5	1160.072	1236.729	1380.844	1513.715	1562.776
39.0	1153.940	1231.618	1375.733	1509.627	1557.665
39.5	1145.763	1225.486	1370.623	1503.494	1552.555
40.0	1139.630	1220.375	1364.490	1498.384	1548.466
40.5	1133.498	1214.243	1358.358	1492.251	1543.356
41.0	1127.365	1207.088	1352.225	1486.119	1537.223
41.5	1121.233	1200.956	1345.070	1479.986	1531.091
42.0	1114.078	1193.801	1338.938	1473.854	1523.936
42.5	1106.923	1186.646	1331.783	1466.699	1516.781
43.0	1098.747	1178.470	1323.606	1459.544	1508.605
43.5	1090.570	1171.315	1316.452	1451.368	1501.450
44.0	1083.415	1163.138	1309.297	1444.213	1493.273
44.5	1075.239	1154.962	1301.121	1435.014	1485.097
45.0	1068.084	1146.785	1291.922	1426.838	1476.920
45.5	1059.907	1138.608	1283.745	1417.639	1466.699
46.0	1051.731	1129.409	1275.568	1407.418	1456.478
46.5	1043.554	1121.233	1266.369	1398.219	1446.257
47.0	1034.355	1112.034	1256.149	1387.998	1435.014
47.5	1025.156	1101.813	1246.950	1375.733	1423.771
48.0	1016.162	1092.614	1236.729	1365.512	1412.528
48.5	1006.861	1083.415	1226.508	1354.269	1401.285
49.0	997.049	1074.217	1215.265	1342.004	1387.998
49.5	987.134	1063.996	1205.044	1329.739	1375.733
50.0	977.425	1053.775	1193.801	1317.474	1362.446
50.5	967.510	1043.554	1182.558	1304.187	1349.159
51.0	957.392	1033.333	1170.293	1290.900	1334.849
51.5	947.784	1022.090	1158.028	1277.612	1321.562
52.0	937.359	1011.256	1145.763	1263.303	1306.231
52.5	926.525	999.911	1132.476	1250.016	1291.922
53.0	915.486	988.872	1120.211	1235.707	1277.612
53.5	904.856	977.118	1106.923	1220.375	1262.281
54.0	893.920	965.773	1093.636	1206.066	1245.928
54.5	882.268	954.019	1080.349	1190.735	1230.596

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-4-L27-835-DMA-50U-50D-DIM-UNV_.IES****CANDELA TABULATION - (Cont.)**

55.0	870.514	941.754	1066.040	1175.403	1215.265
55.5	859.067	929.386	1052.753	1160.072	1198.912
56.0	848.130	917.121	1038.443	1143.719	1181.536
56.5	835.967	904.141	1024.134	1127.365	1165.183
57.0	824.316	890.956	1008.803	1111.012	1147.807
57.5	812.153	877.975	993.880	1094.658	1130.431
58.0	799.377	864.688	978.549	1078.305	1113.056
58.5	788.236	851.197	963.218	1060.929	1095.680
59.0	776.993	837.398	947.988	1044.576	1078.305
59.5	765.852	824.009	932.555	1027.200	1059.907
60.0	753.280	811.233	916.917	1009.518	1041.510
60.5	740.402	797.843	901.075	991.325	1023.112
61.0	727.319	783.943	884.925	973.438	1005.225
61.5	714.032	769.736	868.674	955.552	986.521
62.0	700.438	756.653	853.138	937.563	968.021
62.5	687.049	742.344	837.398	919.165	948.806
63.0	673.353	728.750	821.556	900.870	929.284
63.5	659.555	714.236	804.896	882.575	910.273
64.0	645.552	699.416	788.134	863.768	891.365
64.5	631.549	684.187	771.167	846.699	871.945
65.0	617.547	669.060	754.098	827.893	853.752
65.5	603.340	653.933	737.438	808.882	834.536
66.0	589.235	638.806	721.084	789.973	815.117
66.5	574.926	623.475	704.322	771.065	795.288
67.0	560.821	608.041	686.947	751.849	775.766
67.5	546.716	592.608	669.367	732.327	755.836
68.0	532.407	576.970	651.480	712.703	735.292
68.5	517.791	561.332	633.900	695.123	714.850
69.0	503.277	546.000	616.116	675.499	696.350
69.5	488.866	530.362	598.434	655.568	676.419
70.0	474.454	514.622	580.547	635.638	655.773
70.5	459.838	498.678	562.558	615.707	634.922
71.0	445.120	482.733	544.263	595.776	614.276
71.5	430.402	466.891	525.967	575.845	593.732
72.0	415.888	451.151	507.877	555.915	572.984
72.5	401.273	435.308	489.786	535.882	552.440
73.0	386.452	419.568	471.695	515.951	531.998
73.5	371.632	403.623	453.501	496.020	511.352
74.0	356.914	387.781	435.410	476.090	490.603
74.5	342.400	371.939	417.422	456.363	470.059
75.0	327.784	356.096	399.433	436.535	449.822
75.5	313.271	340.356	381.648	417.115	429.993
76.0	298.655	324.616	363.966	397.797	410.062
76.5	284.141	308.978	346.386	378.480	390.132
77.0	269.730	293.442	329.011	359.367	370.405
77.5	255.318	278.008	311.737	340.356	350.986
78.0	241.009	262.779	294.566	321.652	331.668
78.5	227.006	247.652	277.702	303.152	312.657
79.0	213.106	232.730	260.940	284.754	293.851
79.5	199.410	218.012	244.382	266.663	275.147
80.0	185.918	203.294	228.028	248.879	256.749
80.5	172.427	188.984	211.981	231.299	238.760
81.0	159.242	174.777	196.241	214.128	221.078
81.5	146.261	160.979	180.603	197.263	203.805
82.0	133.689	147.385	165.579	180.910	186.736
82.5	121.424	134.098	150.860	164.863	170.178

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-4-L27-835-DMA-50U-50D-DIM-UNV_.IES****CANDELA TABULATION - (Cont.)**

83.0	109.364	121.322	136.449	149.225	154.029
83.5	97.610	108.853	122.549	134.098	138.493
84.0	86.367	96.792	109.057	119.687	123.571
84.5	75.430	85.140	96.281	105.786	109.261
85.0	65.107	74.102	84.118	92.704	95.668
85.5	55.091	63.574	72.671	80.336	82.891
86.0	45.585	53.660	61.939	68.991	71.035
86.5	36.693	44.359	52.024	58.464	59.997
87.0	28.516	35.978	42.826	48.754	49.878
87.5	21.157	28.414	34.751	39.453	39.964
88.0	14.923	21.873	26.983	30.152	30.152
88.5	9.914	16.047	19.829	23.201	23.406
89.0	6.133	11.345	14.923	19.011	18.909
89.5	3.782	8.381	12.572	16.353	16.047
90.0	2.555	7.972	11.856	15.740	14.923
90.5	5.213	9.199	8.483	7.155	6.644
91.0	8.892	17.171	15.025	13.185	12.674
91.5	14.003	28.005	25.143	21.464	20.544
92.0	19.829	39.759	39.146	31.991	29.947
92.5	25.348	50.082	56.113	47.016	43.848
93.0	31.991	59.077	74.510	66.640	62.756
93.5	41.190	68.787	93.521	88.820	84.322
94.0	52.024	79.621	111.612	111.714	107.013
94.5	63.267	91.375	128.681	134.405	131.134
95.0	74.613	103.640	145.750	157.300	156.380
95.5	85.958	116.620	163.841	180.808	182.136
96.0	97.712	130.112	182.954	204.827	208.302
96.5	109.466	144.217	202.987	229.459	235.285
97.0	121.220	158.731	223.940	255.522	262.677
97.5	132.974	173.653	245.302	281.279	290.785
98.0	144.728	188.882	267.379	307.956	319.608
98.5	156.686	204.316	289.354	335.450	348.942
99.0	168.747	219.954	311.942	363.353	378.991
99.5	180.910	235.796	334.837	391.869	409.347
100.0	193.175	251.741	358.958	422.430	439.908
100.5	205.338	267.992	381.342	454.217	470.877
101.0	217.807	284.243	405.259	483.857	502.255
101.5	230.277	300.801	430.606	511.454	533.735
102.0	242.644	317.052	453.195	538.948	565.625
102.5	255.216	333.201	476.192	568.691	597.616
103.0	267.992	350.270	501.744	599.865	629.812
103.5	280.666	366.624	527.807	631.958	662.110
104.0	293.544	382.466	550.600	662.723	694.306
104.5	306.218	399.126	572.268	692.466	725.990
105.0	318.994	416.502	595.572	721.289	757.266
105.5	331.566	432.651	620.817	749.090	787.827
106.0	344.240	448.084	646.472	775.664	817.468
106.5	356.914	464.029	670.491	802.545	848.846
107.0	369.383	480.587	692.057	830.653	880.019
107.5	381.955	497.860	712.908	859.680	910.682
108.0	394.425	513.805	734.065	887.481	941.038
108.5	406.690	528.625	754.813	915.077	971.088
109.0	418.852	543.241	775.460	943.491	1000.933
109.5	430.913	558.163	796.719	972.008	1030.267
110.0	442.974	573.699	818.285	1000.524	1058.885
110.5	454.728	589.644	839.749	1028.222	1087.504

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111.0	466.380	605.282	859.680	1054.797	1116.122
111.5	477.725	620.204	878.282	1081.371	1142.697
112.0	488.968	633.900	896.475	1107.946	1170.293
112.5	500.211	646.574	914.362	1132.476	1196.867
113.0	511.454	659.350	932.044	1157.006	1222.420
113.5	522.492	672.229	950.135	1179.492	1247.972
114.0	533.224	685.516	968.226	1203.000	1272.502
114.5	543.854	698.701	986.317	1225.486	1297.032
115.0	554.279	711.988	1004.101	1245.928	1320.540
115.5	564.500	725.071	1021.170	1266.369	1343.026
116.0	574.415	737.438	1038.443	1286.811	1365.512
116.5	584.227	749.294	1054.797	1305.209	1387.998
117.0	594.141	759.617	1070.128	1323.606	1409.462
117.5	604.055	769.736	1084.437	1342.004	1429.904
118.0	613.458	779.752	1097.725	1359.380	1450.346
118.5	622.862	788.338	1109.990	1375.733	1469.765
119.0	631.754	797.639	1122.255	1392.087	1488.163
119.5	640.237	806.531	1133.498	1407.418	1504.516
120.0	648.516	815.832	1144.741	1422.749	1521.892
120.5	656.591	825.440	1154.962	1436.036	1537.223
121.0	664.563	834.741	1166.205	1449.324	1552.555
121.5	672.433	843.940	1176.426	1462.611	1566.864
122.0	680.201	852.832	1186.646	1474.876	1581.173
122.5	687.764	861.315	1195.845	1487.141	1593.438
123.0	694.817	869.594	1205.044	1497.362	1606.725
123.5	701.767	877.055	1214.243	1507.583	1616.946
124.0	708.411	884.312	1222.420	1517.804	1628.189
124.5	715.259	890.547	1230.596	1525.980	1637.388
125.0	722.209	896.577	1237.751	1534.157	1646.587
125.5	728.239	901.994	1244.906	1542.334	1654.764
126.0	734.167	907.207	1252.060	1548.466	1661.918
126.5	739.687	912.522	1258.193	1554.599	1668.051
127.0	745.104	917.428	1263.303	1559.709	1675.205
127.5	750.316	922.334	1268.414	1563.798	1679.294
128.0	755.324	926.627	1273.524	1568.908	1682.360
128.5	759.924	930.613	1276.590	1571.974	1686.448
129.0	764.625	934.395	1279.657	1575.041	1689.515
129.5	768.918	937.870	1281.701	1578.107	1691.559
130.0	773.007	941.447	1284.767	1579.129	1694.625
130.5	776.891	944.718	1285.789	1581.173	1696.669
131.0	780.570	947.682	1286.811	1582.195	1697.691
131.5	784.045	950.850	1287.833	1583.217	1697.691
132.0	787.214	952.792	1287.833	1583.217	1697.691
132.5	790.382	955.143	1287.833	1582.195	1695.647
133.0	793.244	957.187	1287.833	1581.173	1693.603
133.5	795.697	958.925	1286.811	1579.129	1692.581
134.0	798.252	960.254	1286.811	1577.085	1690.537
134.5	800.603	961.787	1285.789	1574.019	1687.471
135.0	802.954	962.707	1284.767	1570.952	1684.404
135.5	805.202	963.218	1282.723	1566.864	1681.338
136.0	806.838	963.524	1280.679	1562.776	1677.250
136.5	808.167	962.911	1277.612	1558.687	1671.117
137.0	809.393	962.502	1274.546	1553.577	1666.007
137.5	810.620	961.684	1271.480	1548.466	1658.852
138.0	811.539	960.765	1268.414	1542.334	1652.719
138.5	812.357	959.845	1264.325	1536.201	1646.587

IES INDOOR REPORT
PHOTOMETRIC FILENAME : SDI5-4-L27-835-DMA-50U-50D-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

139.0	813.073	958.209	1261.259	1530.069	1639.432
139.5	813.481	956.370	1257.171	1522.914	1632.278
140.0	813.788	954.939	1252.060	1516.781	1624.101
140.5	813.788	953.508	1246.950	1508.605	1614.902
141.0	813.584	951.566	1242.861	1501.450	1606.725
141.5	813.175	949.419	1237.751	1493.273	1596.505
142.0	812.664	947.477	1232.640	1486.119	1586.284
142.5	812.255	944.718	1227.530	1477.942	1576.063
143.0	811.744	942.367	1221.398	1469.765	1564.820
143.5	810.824	939.403	1215.265	1459.544	1554.599
144.0	809.700	935.928	1209.132	1450.346	1544.378
144.5	808.575	933.066	1201.978	1441.147	1533.135
145.0	807.451	929.897	1194.823	1430.926	1521.892
145.5	806.327	927.036	1188.691	1421.727	1510.649
146.0	804.896	923.049	1181.536	1410.484	1498.384
146.5	803.158	919.574	1173.359	1399.241	1486.119
147.0	801.319	916.099	1166.205	1389.020	1473.854
147.5	799.274	912.215	1158.028	1377.777	1461.589
148.0	797.332	907.514	1149.851	1366.534	1448.301
148.5	795.390	903.221	1141.674	1354.269	1436.036
149.0	793.448	899.439	1133.498	1342.004	1422.749
149.5	791.302	895.044	1124.299	1329.739	1409.462
150.0	788.645	890.445	1116.122	1317.474	1396.175
150.5	786.089	886.152	1106.923	1305.209	1381.866
151.0	783.228	881.553	1097.725	1292.944	1367.556
151.5	780.468	877.362	1088.526	1279.657	1353.247
152.0	777.810	872.865	1079.327	1266.369	1339.960
152.5	775.153	867.959	1069.106	1253.082	1325.651
153.0	772.496	862.746	1059.907	1239.795	1311.341
153.5	770.043	857.840	1049.686	1225.486	1296.010
154.0	767.181	852.832	1039.465	1211.177	1279.657
154.5	764.217	847.517	1029.245	1196.867	1264.325
155.0	761.253	842.100	1018.819	1182.558	1247.972
155.5	758.084	836.581	1008.394	1168.249	1232.640
156.0	754.916	830.653	998.071	1153.940	1216.287
156.5	751.441	825.440	987.952	1138.608	1200.956
157.0	748.272	819.614	977.527	1124.299	1185.624
157.5	745.104	813.890	966.693	1109.990	1170.293
158.0	742.242	808.167	955.756	1094.658	1152.917
158.5	739.175	802.238	945.127	1079.327	1136.564
159.0	736.314	796.821	934.497	1063.996	1120.211
159.5	733.350	791.813	923.663	1049.686	1103.857
160.0	730.283	786.498	912.726	1034.355	1086.482
160.5	727.115	781.490	901.892	1019.637	1069.106
161.0	724.049	776.073	890.956	1004.612	1053.775
161.5	720.982	772.291	880.326	989.792	1036.399
162.0	718.120	767.079	869.799	975.074	1019.024
162.5	715.156	761.661	859.373	960.356	1002.364
163.0	712.397	756.449	848.846	945.944	985.908
163.5	709.637	751.338	838.727	931.124	969.555
164.0	706.775	746.023	828.711	916.610	953.303
164.5	704.016	741.015	819.103	902.403	937.256
165.0	701.052	736.007	809.802	888.912	921.414
165.5	698.496	731.203	800.399	875.113	905.367
166.0	696.350	726.604	792.018	861.315	889.627
166.5	693.795	722.107	783.943	848.539	874.500

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-4-L27-835-DMA-50U-50D-DIM-UNV_.IES****CANDELA TABULATION - (Cont.)**

167.0	691.137	717.814	775.664	835.763	859.986
167.5	688.786	713.725	768.714	823.191	846.086
168.0	686.640	709.739	760.537	811.131	831.879
168.5	684.698	705.958	752.667	799.479	819.205
169.0	682.756	702.278	745.308	789.667	806.429
169.5	680.814	698.701	738.051	778.935	793.653
170.0	678.668	695.226	730.999	769.736	783.125
170.5	676.828	691.853	724.151	759.822	774.029
171.0	675.193	688.684	717.712	750.214	762.990
171.5	673.557	685.822	711.579	741.117	752.974
172.0	672.126	683.063	705.855	732.430	743.162
172.5	670.593	680.405	700.234	724.151	733.656
173.0	669.265	677.748	694.817	716.178	724.764
173.5	668.038	675.193	689.706	708.513	716.178
174.0	666.709	673.046	684.800	701.358	707.900
174.5	665.483	671.104	680.405	694.612	700.029
175.0	664.563	669.265	676.317	688.582	692.977
175.5	663.745	667.425	672.637	683.063	686.436
176.0	662.928	665.789	669.265	678.054	680.712
176.5	662.314	664.256	666.505	673.659	675.601
177.0	661.701	662.928	663.950	669.980	671.309
177.5	661.292	661.803	661.701	666.811	667.629
178.0	660.781	660.883	660.066	664.052	664.461
178.5	660.270	660.168	658.635	661.803	661.905
179.0	659.861	659.759	657.510	660.168	659.861
179.5	659.350	659.452	656.693	659.248	658.635
180.0	658.328	658.328	658.328	658.328	658.328

IES INDOOR REPORT
PHOTOMETRIC FILENAME : SDI5-4-L27-835-DMA-50U-50D-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	509.52	N.A.	4.90
0-30	1160.13	N.A.	11.00
0-40	2036.49	N.A.	19.40
0-60	3967.76	N.A.	37.80
0-80	5123.17	N.A.	48.80
0-90	5225.51	N.A.	49.80
10-90	5100.43	N.A.	48.60
20-40	1526.97	N.A.	14.50
20-50	2516.07	N.A.	24.00
40-70	2668.4	N.A.	25.40
60-80	1155.41	N.A.	11.00
70-80	418.28	N.A.	4.00
80-90	102.33	N.A.	1.00
90-110	750.87	N.A.	7.20
90-120	1708.77	N.A.	16.30
90-130	2788.31	N.A.	26.60
90-150	4504.85	N.A.	42.90
90-180	5275.63	N.A.	50.20
110-180	4524.77	N.A.	43.10
0-180	10501.14	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	125.08
10-20	384.44
20-30	650.61
30-40	876.37
40-50	989.09
50-60	942.18
60-70	737.13
70-80	418.28
80-90	102.33
90-100	154.70
100-110	596.16
110-120	957.90
120-130	1079.55
130-140	975.55
140-150	740.99
150-160	470.55
160-170	233.75
170-180	66.48

IES INDOOR REPORT
PHOTOMETRIC FILENAME : SDI5-4-L27-835-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 : SDI5-4-L27-835-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

X=2H	Y=2H	15.9	16.8	16.9	17.8	19.1	18.6	19.5	19.5	20.4	21.7
	3H	17.4	18.2	18.3	19.1	20.4	20.4	21.2	21.4	22.2	23.5
	4H	17.8	18.6	18.8	19.5	20.8	21.0	21.8	22.0	22.8	24.1
	6H	18.0	18.7	19.0	19.7	21.0	21.4	22.1	22.4	23.1	24.4
	8H	18.0	18.7	19.0	19.7	21.0	21.5	22.2	22.5	23.2	24.5
	12H	18.0	18.6	19.0	19.6	21.0	21.5	22.2	22.5	23.2	24.5

UGR Viewed Endwise

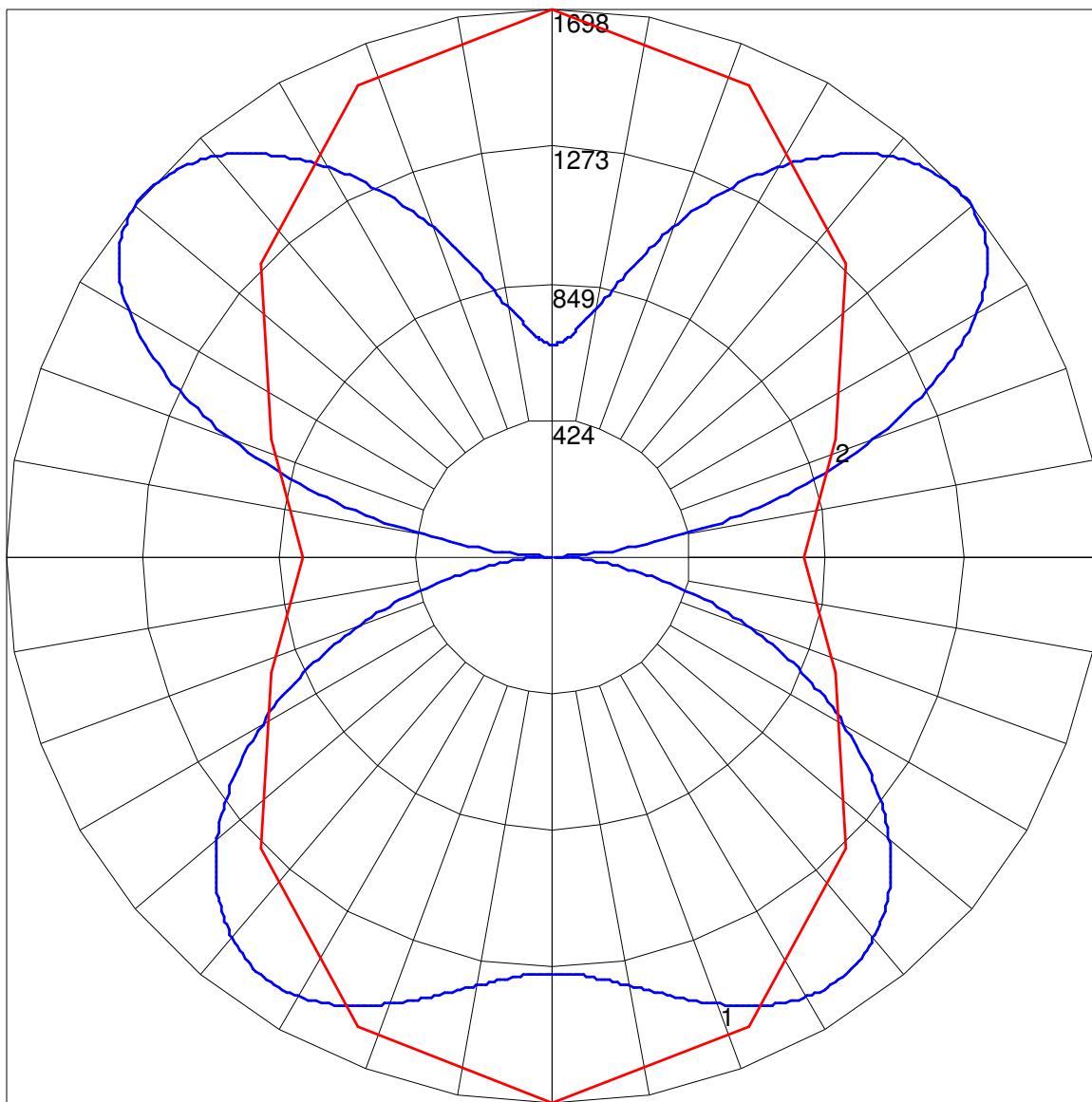
4H	2H	16.7	17.5	17.7	18.5	19.8	18.8	19.6	19.8	20.6	21.9
	3H	18.3	19.0	19.3	20.0	21.3	20.8	21.5	21.8	22.5	23.8
	4H	18.8	19.4	19.8	20.4	21.7	21.5	22.1	22.5	23.1	24.5
	6H	19.1	19.6	20.1	20.6	22.0	22.1	22.6	23.1	23.6	24.9
	8H	19.2	19.6	20.2	20.6	22.0	22.2	22.6	23.2	23.7	25.0
	12H	19.1	19.6	20.2	20.6	22.0	22.2	22.7	23.3	23.7	25.0

8H	4H	19.1	19.6	20.1	20.6	22.0	21.6	22.1	22.6	23.1	24.4
	6H	19.5	19.9	20.5	21.0	22.3	22.2	22.6	23.2	23.6	25.0
	8H	19.6	19.9	20.6	21.0	22.3	22.3	22.7	23.4	23.7	25.1
	12H	19.6	19.9	20.6	20.9	22.3	22.4	22.7	23.5	23.8	25.2

12H	4H	19.1	19.6	20.2	20.6	22.0	21.6	22.0	22.6	23.0	24.4
	6H	19.5	19.9	20.6	20.9	22.3	22.1	22.5	23.2	23.5	24.9
	8H	19.6	19.9	20.7	21.0	22.4	22.3	22.6	23.4	23.7	25.1

Maximum UGR = 25.2

POLAR GRAPH



Maximum Candela = 1697.691 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.)