



IES INDOOR REPORT

PHOTOMETRIC FILENAME : SDI5-4-L27-835-144W-DMA-70U-30D-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] GEN FROM 12731921.11
[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 & 144 CELL LOUVER
[LUMCAT] SDI5-4-L27-835-144W-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	10295
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	132
Total Luminaire Watts	78
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)	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	2788	3239	4164
55	2940	3335	4407
65	2783	2810	3773
75	1960	1643	2131
85	1115	414	141

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-4-L27-835-144W-DMA-70U-30D-DIM-UNV_.IES****CANDELA TABULATION**

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0.0	232.821	232.821	232.821	232.821	232.821
0.5	231.452	233.799	232.723	233.212	231.843
1.0	231.549	233.897	232.821	233.506	232.039
1.5	231.745	233.995	233.017	233.897	232.430
2.0	231.843	234.191	233.408	234.386	233.115
2.5	231.941	234.386	233.897	235.071	233.995
3.0	232.234	234.778	234.386	235.952	234.973
3.5	232.430	235.267	235.071	237.028	236.343
4.0	232.723	235.756	235.854	238.201	237.908
4.5	233.115	236.245	236.636	239.571	239.669
5.0	233.604	236.734	237.615	240.941	241.430
5.5	234.191	237.223	238.593	242.506	243.386
6.0	234.680	237.810	239.767	244.267	245.734
6.5	234.973	238.495	240.941	246.125	248.180
7.0	235.462	239.278	242.114	248.082	250.625
7.5	235.952	240.060	243.582	250.136	253.071
8.0	236.441	240.941	244.951	252.288	255.712
8.5	237.028	241.821	246.517	254.440	258.255
9.0	237.712	242.799	248.082	256.690	260.897
9.5	238.397	243.680	249.745	259.234	263.636
10.0	239.180	244.658	251.506	261.777	266.375
10.5	239.864	245.734	253.364	264.418	269.212
11.0	240.647	246.908	255.223	267.060	272.049
11.5	241.332	247.984	257.179	269.799	274.885
12.0	242.017	249.158	259.136	272.538	277.722
12.5	242.799	250.332	261.190	275.375	280.657
13.0	243.582	251.506	263.244	278.309	283.592
13.5	244.462	252.777	265.494	281.244	286.722
14.0	245.343	254.049	267.744	284.374	289.950
14.5	246.321	255.419	270.092	287.603	293.472
15.0	247.397	256.788	272.440	290.831	297.189
15.5	248.277	258.255	274.885	294.059	300.711
16.0	249.158	259.821	277.233	297.483	304.233
16.5	250.136	261.288	279.777	300.907	307.950
17.0	251.212	262.755	282.320	304.428	311.863
17.5	252.190	264.320	284.961	307.950	315.874
18.0	253.266	265.886	287.603	311.667	319.885
18.5	254.342	267.451	290.342	315.385	323.993
19.0	255.419	269.114	293.081	319.102	328.102
19.5	256.495	270.679	295.820	322.819	332.406
20.0	257.668	272.342	298.755	326.732	336.808
20.5	258.842	274.103	301.591	330.645	341.112
21.0	259.821	275.766	304.624	334.656	345.417
21.5	260.897	277.429	307.559	338.765	350.014
22.0	262.071	279.190	310.493	343.069	354.612
22.5	263.147	281.048	313.428	347.275	359.210
23.0	264.223	282.809	316.461	351.677	363.905
23.5	265.397	284.570	319.591	356.079	368.699
24.0	266.570	286.233	322.624	360.579	373.394
24.5	267.744	287.994	325.656	365.079	378.285
25.0	268.918	289.755	328.689	369.775	383.372
25.5	270.092	291.613	331.623	374.177	388.655
26.0	271.168	293.472	334.558	378.677	394.133
26.5	272.244	295.233	337.493	383.177	399.513

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-4-L27-835-144W-DMA-70U-30D-DIM-UNV_.IES****CANDELA TABULATION - (Cont.)**

27.0	273.320	296.994	340.428	387.677	405.089
27.5	274.396	298.755	343.362	392.372	410.470
28.0	275.375	300.515	346.395	396.970	415.752
28.5	276.353	302.276	349.525	401.568	421.035
29.0	277.331	303.939	352.460	406.361	426.415
29.5	278.309	305.602	355.492	410.861	431.795
30.0	279.288	307.167	358.525	415.361	437.273
30.5	280.266	308.733	361.362	419.959	442.654
31.0	281.146	310.298	364.297	424.458	448.132
31.5	282.124	311.667	367.231	429.056	453.708
32.0	282.907	313.037	370.068	433.556	459.284
32.5	283.690	314.504	372.807	437.958	464.762
33.0	284.472	315.874	375.644	442.262	470.044
33.5	285.157	317.243	378.188	446.273	475.327
34.0	285.744	318.515	380.731	450.284	480.414
34.5	286.331	319.787	383.275	454.099	485.696
35.0	286.918	320.863	385.622	458.012	491.077
35.5	287.505	321.841	387.774	461.925	496.261
36.0	287.994	322.917	389.927	465.740	501.250
36.5	288.287	323.798	392.079	469.360	505.848
37.0	288.581	324.678	394.231	473.077	510.250
37.5	288.679	325.558	396.187	476.599	514.359
38.0	288.874	326.341	398.144	480.120	518.663
38.5	289.070	326.928	399.807	483.446	522.869
39.0	289.168	327.319	401.176	486.577	526.782
39.5	289.266	327.613	402.350	489.511	530.402
40.0	289.461	327.906	403.524	492.153	533.532
40.5	289.363	328.200	404.600	494.696	536.858
41.0	289.168	328.395	405.481	497.239	539.989
41.5	288.777	328.493	406.263	499.392	543.217
42.0	288.287	328.395	407.046	501.446	546.249
42.5	287.896	328.200	407.633	503.305	548.891
43.0	287.407	327.906	408.317	505.163	551.434
43.5	286.820	327.417	408.611	506.728	553.880
44.0	286.135	326.928	409.100	508.098	555.934
44.5	285.255	326.341	409.491	509.174	557.890
45.0	284.374	325.754	409.687	510.054	559.651
45.5	283.592	324.874	409.491	510.739	561.119
46.0	282.516	323.895	409.394	511.326	562.097
46.5	281.440	322.917	409.100	511.522	562.977
47.0	280.266	321.841	408.807	511.522	563.760
47.5	278.994	320.667	408.024	511.228	564.347
48.0	277.722	319.395	407.046	510.739	564.347
48.5	276.157	317.928	405.970	509.957	564.151
49.0	274.592	316.265	404.600	508.978	563.564
49.5	272.929	314.504	403.133	508.000	562.586
50.0	271.266	312.548	401.470	506.533	561.412
50.5	269.310	310.689	399.709	504.772	559.945
51.0	267.255	308.635	397.752	502.815	558.380
51.5	265.103	306.385	395.698	500.566	556.521
52.0	262.853	303.939	393.253	498.022	554.564
52.5	260.408	301.494	390.611	495.283	552.217
53.0	258.060	298.657	387.774	492.348	549.575
53.5	255.419	295.820	384.742	489.316	546.738
54.0	252.777	292.983	381.709	485.990	543.706
54.5	249.940	289.853	378.383	482.370	539.989

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55.0	247.103	286.624	374.862	478.653	535.880
55.5	244.071	283.396	371.144	474.349	531.478
56.0	240.941	279.972	367.134	469.947	526.587
56.5	237.712	276.549	363.025	465.251	521.598
57.0	234.289	272.929	358.623	460.360	516.511
57.5	231.060	269.114	354.221	454.882	510.935
58.0	227.832	265.103	349.525	449.501	505.065
58.5	224.506	260.994	344.634	443.632	498.707
59.0	221.180	256.886	339.645	437.371	492.153
59.5	218.050	252.777	334.362	431.013	485.011
60.0	214.919	248.669	328.982	424.458	477.870
60.5	211.691	244.462	323.406	417.415	470.534
61.0	208.561	240.256	317.635	410.372	463.295
61.5	205.039	235.952	311.667	403.035	455.566
62.0	201.224	231.843	305.700	395.503	447.838
62.5	197.311	227.539	299.635	387.970	439.817
63.0	193.300	223.137	293.374	380.144	431.600
63.5	189.289	218.539	287.016	372.318	423.187
64.0	185.181	213.745	280.266	364.297	414.578
64.5	181.072	209.050	273.516	356.079	405.578
65.0	176.866	204.159	266.766	347.667	396.481
65.5	172.464	199.268	259.918	339.254	387.383
66.0	168.062	194.279	253.071	330.743	378.090
66.5	163.562	189.289	246.125	322.037	368.601
67.0	158.964	184.105	238.984	313.233	358.916
67.5	154.171	178.822	231.941	304.135	349.036
68.0	149.279	173.442	224.702	294.939	339.058
68.5	144.193	167.866	217.561	285.744	328.982
69.0	139.204	162.192	210.419	276.451	318.613
69.5	133.921	156.421	203.180	266.962	307.657
70.0	128.639	150.551	196.039	257.473	296.896
70.5	123.454	144.486	188.800	247.788	285.940
71.0	118.171	138.421	181.366	238.104	274.788
71.5	113.085	132.258	174.029	228.321	263.636
72.0	108.291	126.193	166.692	218.441	252.386
72.5	103.498	120.324	159.453	208.463	241.038
73.0	98.900	114.454	152.116	198.289	229.789
73.5	94.205	108.878	144.682	188.213	218.050
74.0	89.705	103.400	137.247	178.138	206.017
74.5	85.107	98.117	129.910	167.964	194.181
75.0	80.607	92.933	122.573	157.790	181.953
75.5	76.303	87.748	115.335	147.714	169.822
76.0	71.998	82.661	108.291	137.638	157.399
76.5	67.792	77.672	101.150	127.563	144.780
77.0	63.683	72.683	94.205	117.487	131.671
77.5	59.966	67.792	87.552	107.411	118.269
78.0	56.444	63.096	80.998	97.335	104.280
78.5	53.118	58.694	74.640	87.357	89.607
79.0	49.988	54.586	68.575	77.183	73.857
79.5	46.956	50.771	62.803	67.107	57.716
80.0	44.119	47.249	57.129	56.836	44.999
80.5	41.380	44.119	51.749	47.542	34.728
81.0	38.738	41.184	46.760	40.303	24.847
81.5	36.293	38.445	42.162	34.043	16.043
82.0	33.749	35.804	38.054	28.173	12.424
82.5	31.304	33.260	34.532	24.652	11.445

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CANDELA TABULATION - (Cont.)

83.0	28.956	30.815	31.402	22.891	10.858
83.5	26.510	28.271	28.565	21.326	10.272
84.0	24.163	25.728	26.119	19.858	9.782
84.5	21.815	23.380	23.771	18.391	9.293
85.0	19.467	21.032	21.521	16.728	8.902
85.5	17.119	18.782	19.369	15.065	8.413
86.0	14.771	16.532	17.217	13.598	8.022
86.5	12.521	14.380	15.163	12.130	7.630
87.0	10.467	12.228	13.108	10.956	7.239
87.5	8.609	10.174	11.152	9.880	6.848
88.0	6.848	8.217	9.489	9.000	6.456
88.5	5.185	6.652	8.217	8.217	5.967
89.0	4.011	5.380	7.043	7.435	5.380
89.5	3.326	4.891	6.652	7.826	5.674
90.0	3.130	6.652	8.609	10.272	8.315
90.5	1.956	5.772	6.359	5.478	4.989
91.0	4.793	13.304	15.163	13.206	12.717
91.5	7.728	20.152	24.847	24.358	23.771
92.0	11.348	25.630	33.162	33.847	33.847
92.5	15.358	31.597	40.597	42.651	42.847
93.0	19.858	39.227	46.564	50.673	51.651
93.5	24.945	53.021	53.216	57.521	58.988
94.0	30.521	81.683	61.140	64.466	66.031
94.5	36.880	128.541	70.433	72.292	73.564
95.0	43.630	173.931	80.607	81.292	82.270
95.5	51.162	213.256	91.563	91.465	92.052
96.0	59.184	234.582	104.280	103.009	103.302
96.5	67.792	261.581	128.345	115.139	115.432
97.0	76.988	307.754	179.116	127.758	127.856
97.5	86.574	355.786	281.146	140.377	140.964
98.0	96.748	392.176	438.349	155.638	154.073
98.5	107.411	424.752	579.509	185.279	168.257
99.0	118.367	459.969	663.932	245.930	191.344
99.5	129.910	490.881	731.528	352.362	242.799
100.0	141.845	519.446	780.538	520.326	331.721
100.5	154.073	550.162	814.776	743.658	473.077
101.0	166.790	582.249	851.754	944.784	681.833
101.5	179.703	615.313	891.959	1068.238	931.382
102.0	193.105	643.193	945.078	1151.389	1127.911
102.5	206.702	670.486	1015.413	1216.931	1254.104
103.0	220.495	696.311	1088.781	1268.778	1333.341
103.5	234.582	721.746	1154.323	1309.864	1397.905
104.0	248.864	748.060	1207.148	1352.906	1451.708
104.5	263.342	774.766	1254.104	1394.971	1493.773
105.0	277.820	801.081	1299.103	1436.057	1537.794
105.5	292.592	827.787	1346.059	1488.882	1578.880
106.0	307.461	853.221	1391.058	1554.424	1617.031
106.5	322.428	877.286	1433.122	1628.770	1662.030
107.0	337.395	900.861	1470.295	1702.138	1722.681
107.5	352.362	924.633	1501.599	1764.745	1792.136
108.0	367.427	947.034	1529.968	1819.527	1865.504
108.5	382.688	967.480	1561.271	1868.439	1933.981
109.0	397.752	987.044	1593.553	1915.394	1994.632
109.5	412.720	1006.609	1624.857	1958.437	2048.435
110.0	427.491	1026.174	1657.139	2001.479	2098.325
110.5	441.871	1045.739	1689.421	2042.566	2140.390

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111.0	456.545	1064.325	1716.812	2082.673	2179.519
111.5	471.218	1081.934	1738.333	2117.890	2217.671
112.0	486.283	1099.542	1754.963	2149.194	2254.844
112.5	501.544	1115.194	1771.593	2175.606	2292.017
113.0	516.315	1131.824	1789.201	2199.084	2326.255
113.5	530.695	1148.454	1807.788	2222.562	2355.602
114.0	545.075	1165.084	1826.374	2247.018	2380.058
114.5	559.456	1181.714	1844.961	2271.474	2400.601
115.0	573.542	1198.344	1862.569	2292.017	2420.166
115.5	587.727	1213.996	1880.178	2313.538	2439.731
116.0	602.009	1230.626	1896.808	2336.038	2461.252
116.5	616.389	1245.300	1912.460	2356.581	2481.795
117.0	630.574	1259.973	1928.111	2371.254	2498.425
117.5	644.562	1273.669	1940.829	2381.037	2517.012
118.0	658.062	1286.386	1952.567	2389.841	2537.555
118.5	671.562	1300.081	1964.306	2399.623	2554.185
119.0	684.768	1311.820	1975.067	2409.406	2563.968
119.5	697.877	1324.537	1982.893	2419.188	2568.859
120.0	710.691	1335.298	1991.697	2427.992	2573.750
120.5	723.115	1347.037	1999.523	2435.818	2579.619
121.0	735.539	1358.776	2006.371	2443.644	2586.467
121.5	747.962	1369.536	2012.240	2451.470	2593.315
122.0	760.093	1380.297	2017.131	2458.318	2599.184
122.5	772.516	1392.036	2021.044	2463.209	2606.032
123.0	784.451	1402.796	2024.957	2468.100	2609.945
123.5	795.798	1413.557	2027.892	2472.013	2613.858
124.0	807.929	1422.361	2030.827	2473.969	2616.793
124.5	819.374	1430.187	2033.761	2475.926	2618.749
125.0	831.113	1437.035	2036.696	2476.904	2618.749
125.5	842.852	1445.839	2038.653	2477.882	2619.727
126.0	853.808	1452.687	2040.609	2476.904	2617.771
126.5	864.960	1459.534	2042.566	2475.926	2617.771
127.0	875.916	1465.404	2044.522	2473.969	2615.814
127.5	886.188	1471.273	2045.500	2472.013	2613.858
128.0	897.438	1477.143	2046.478	2469.078	2609.945
128.5	907.318	1482.034	2046.478	2465.165	2604.075
129.0	917.491	1485.947	2045.500	2460.274	2599.184
129.5	927.274	1490.838	2044.522	2455.383	2594.293
130.0	937.448	1495.729	2042.566	2448.535	2588.424
130.5	946.252	1499.642	2041.587	2442.666	2582.554
131.0	955.349	1503.555	2039.631	2436.796	2575.706
131.5	964.643	1507.468	2039.631	2429.949	2567.881
132.0	973.642	1510.403	2037.674	2423.101	2561.033
132.5	983.131	1513.338	2036.696	2415.275	2552.229
133.0	990.957	1516.272	2034.740	2407.449	2543.424
133.5	998.783	1518.229	2032.783	2399.623	2532.664
134.0	1006.609	1521.163	2030.827	2391.797	2522.881
134.5	1015.413	1523.120	2028.870	2382.993	2513.099
135.0	1023.239	1525.076	2026.914	2374.189	2504.295
135.5	1031.065	1527.033	2024.957	2365.385	2494.512
136.0	1038.891	1529.968	2022.022	2355.602	2484.730
136.5	1045.739	1530.946	2019.088	2345.820	2472.991
137.0	1053.565	1531.924	2017.131	2336.038	2460.274
137.5	1060.412	1532.902	2013.218	2326.255	2449.513
138.0	1067.260	1533.881	2009.305	2316.473	2436.796
138.5	1075.086	1534.859	2005.392	2306.690	2424.079

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-4-L27-835-144W-DMA-70U-30D-DIM-UNV_.IES****CANDELA TABULATION - (Cont.)**

139.0	1081.934	1534.859	2001.479	2298.864	2412.340
139.5	1088.781	1534.859	1997.566	2290.060	2399.623
140.0	1095.629	1533.881	1993.654	2280.278	2388.863
140.5	1102.477	1532.902	1988.762	2272.452	2376.145
141.0	1108.346	1531.924	1983.871	2264.626	2365.385
141.5	1114.216	1531.924	1978.002	2256.800	2353.646
142.0	1121.063	1529.968	1973.110	2248.974	2343.863
142.5	1125.954	1528.011	1968.219	2240.170	2333.103
143.0	1131.824	1525.076	1962.350	2231.366	2323.320
143.5	1137.693	1522.142	1956.480	2222.562	2312.560
144.0	1143.563	1520.185	1950.611	2214.736	2303.756
144.5	1149.432	1517.251	1945.720	2205.932	2294.951
145.0	1155.302	1514.316	1938.872	2197.127	2285.169
145.5	1160.193	1512.359	1932.024	2188.323	2274.408
146.0	1166.062	1508.446	1925.177	2179.519	2263.648
146.5	1170.954	1505.512	1917.351	2169.737	2251.909
147.0	1176.823	1501.599	1909.525	2158.976	2241.148
147.5	1181.714	1497.686	1901.699	2149.194	2231.366
148.0	1186.605	1493.773	1893.873	2138.433	2219.627
148.5	1190.518	1489.860	1886.047	2127.672	2208.866
149.0	1195.410	1486.925	1878.221	2115.934	2198.106
149.5	1199.322	1483.012	1869.417	2105.173	2187.345
150.0	1205.192	1480.077	1861.591	2094.412	2174.628
150.5	1209.105	1475.186	1852.787	2082.673	2161.911
151.0	1214.974	1471.273	1843.983	2070.934	2149.194
151.5	1217.909	1466.382	1835.179	2059.196	2135.498
152.0	1222.800	1462.469	1825.396	2046.478	2122.781
152.5	1226.713	1458.556	1816.592	2033.761	2109.086
153.0	1230.626	1454.643	1805.831	2022.022	2095.390
153.5	1235.517	1450.730	1797.027	2009.305	2081.695
154.0	1239.430	1445.839	1787.245	1996.588	2068.978
154.5	1243.343	1441.926	1778.441	1983.871	2055.283
155.0	1247.256	1438.013	1768.658	1970.176	2040.609
155.5	1251.169	1434.100	1758.876	1956.480	2024.957
156.0	1255.082	1430.187	1748.115	1942.785	2010.284
156.5	1258.995	1426.274	1736.376	1928.111	1995.610
157.0	1262.908	1422.361	1723.659	1914.416	1981.915
157.5	1266.821	1418.448	1712.899	1900.721	1967.241
158.0	1270.734	1414.535	1701.160	1886.047	1950.611
158.5	1272.690	1411.601	1689.421	1872.352	1935.937
159.0	1276.603	1408.666	1676.704	1857.678	1919.307
159.5	1279.538	1405.731	1663.987	1842.026	1903.655
160.0	1284.429	1402.796	1651.269	1828.331	1888.004
160.5	1287.364	1399.862	1637.574	1813.657	1872.352
161.0	1290.299	1396.927	1624.857	1798.984	1855.722
161.5	1292.255	1394.971	1612.140	1783.332	1840.070
162.0	1296.168	1392.036	1599.423	1766.702	1822.461
162.5	1298.125	1390.079	1585.727	1750.072	1805.831
163.0	1301.059	1387.145	1573.010	1732.463	1789.201
163.5	1304.972	1385.188	1560.293	1715.833	1771.593
164.0	1307.907	1382.253	1547.576	1698.225	1752.028
164.5	1309.864	1380.297	1534.859	1679.638	1734.420
165.0	1312.798	1378.340	1522.142	1661.052	1715.833
165.5	1315.733	1376.384	1510.403	1643.444	1695.290
166.0	1317.690	1374.427	1497.686	1624.857	1674.747
166.5	1319.646	1373.449	1485.947	1607.249	1655.182

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-4-L27-835-144W-DMA-70U-30D-DIM-UNV_.IES****CANDELA TABULATION - (Cont.)**

167.0	1322.581	1371.493	1475.186	1589.640	1634.639
167.5	1324.537	1370.515	1465.404	1571.054	1614.096
168.0	1326.494	1367.580	1455.621	1553.445	1595.510
168.5	1329.428	1366.602	1445.839	1535.837	1573.988
169.0	1331.385	1364.645	1437.035	1519.207	1554.424
169.5	1333.341	1362.689	1429.209	1502.577	1534.859
170.0	1335.298	1361.710	1421.383	1486.925	1516.272
170.5	1336.276	1360.732	1413.557	1471.273	1498.664
171.0	1338.233	1359.754	1405.731	1458.556	1482.034
171.5	1340.189	1358.776	1398.883	1445.839	1467.360
172.0	1342.146	1356.819	1393.014	1434.100	1452.687
172.5	1343.124	1355.841	1386.166	1423.339	1439.970
173.0	1344.102	1354.863	1380.297	1412.579	1428.231
173.5	1346.059	1352.906	1375.406	1402.796	1417.470
174.0	1347.037	1351.928	1370.515	1394.971	1407.688
174.5	1348.015	1351.928	1365.623	1386.166	1397.905
175.0	1348.993	1350.950	1361.710	1379.319	1388.123
175.5	1350.950	1349.971	1357.797	1372.471	1380.297
176.0	1350.950	1349.971	1353.884	1365.623	1372.471
176.5	1350.950	1348.993	1349.971	1359.754	1366.602
177.0	1350.950	1348.015	1347.037	1354.863	1360.732
177.5	1350.950	1348.015	1344.102	1349.971	1355.841
178.0	1350.950	1347.037	1342.146	1346.059	1350.950
178.5	1351.928	1347.037	1341.167	1344.102	1348.015
179.0	1351.928	1347.037	1340.189	1341.167	1345.080
179.5	1352.906	1346.059	1340.189	1340.189	1343.124
180.0	1343.124	1343.124	1343.124	1343.124	1343.124

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-4-L27-835-144W-DMA-70U-30D-DIM-UNV_.IES****ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	101.57	N.A.	1.00
0-30	254.65	N.A.	2.50
0-40	498.45	N.A.	4.80
0-60	1159.14	N.A.	11.30
0-80	1564.08	N.A.	15.20
0-90	1586.6	N.A.	15.40
10-90	1563.39	N.A.	15.20
20-40	396.88	N.A.	3.90
20-50	717.69	N.A.	7.00
40-70	932.26	N.A.	9.10
60-80	404.94	N.A.	3.90
70-80	133.37	N.A.	1.30
80-90	22.52	N.A.	0.20
90-110	1309.82	N.A.	12.70
90-120	2994.82	N.A.	29.10
90-130	4708.19	N.A.	45.70
90-150	7351.98	N.A.	71.40
90-180	8708.41	N.A.	84.60
110-180	7398.59	N.A.	71.90
0-180	10295.00	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	23.21
10-20	78.37
20-30	153.08
30-40	243.80
40-50	320.81
50-60	339.88
60-70	271.57
70-80	133.37
80-90	22.52
90-100	159.42
100-110	1150.39
110-120	1685.00
120-130	1713.37
130-140	1486.83
140-150	1156.96
150-160	790.56
160-170	433.73
170-180	132.13

IES INDOOR REPORT

PHOTOMETRIC FILENAME : SDI5-4-L27-835-144W-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	99	99	99	99	87	87	87	87	64	64	64	43	43	43	24	24	24	15
1	90	86	82	79	79	75	72	69	56	54	52	38	37	36	21	21	20	13
2	82	74	69	64	71	65	60	56	48	45	42	33	31	29	18	17	16	10
3	74	65	58	52	65	57	51	46	42	38	35	29	26	24	16	15	14	8
4	67	57	49	44	59	50	44	39	37	33	29	25	22	20	14	12	11	7
5	62	50	43	37	54	44	38	33	33	28	25	22	19	17	12	11	10	6
6	56	45	37	32	49	39	33	28	29	25	21	20	17	15	11	9	8	5
7	52	40	33	27	45	35	29	24	26	22	18	18	15	13	10	8	7	4
8	48	36	29	24	42	32	25	21	24	19	16	16	13	11	9	7	6	3
9	44	33	25	21	39	29	23	18	21	17	14	15	12	10	8	7	5	3
10	41	30	23	18	36	26	20	16	20	15	12	13	11	9	7	6	5	3

IES INDOOR REPORT

PHOTOMETRIC FILENAME : SDI5-4-L27-835-144W-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

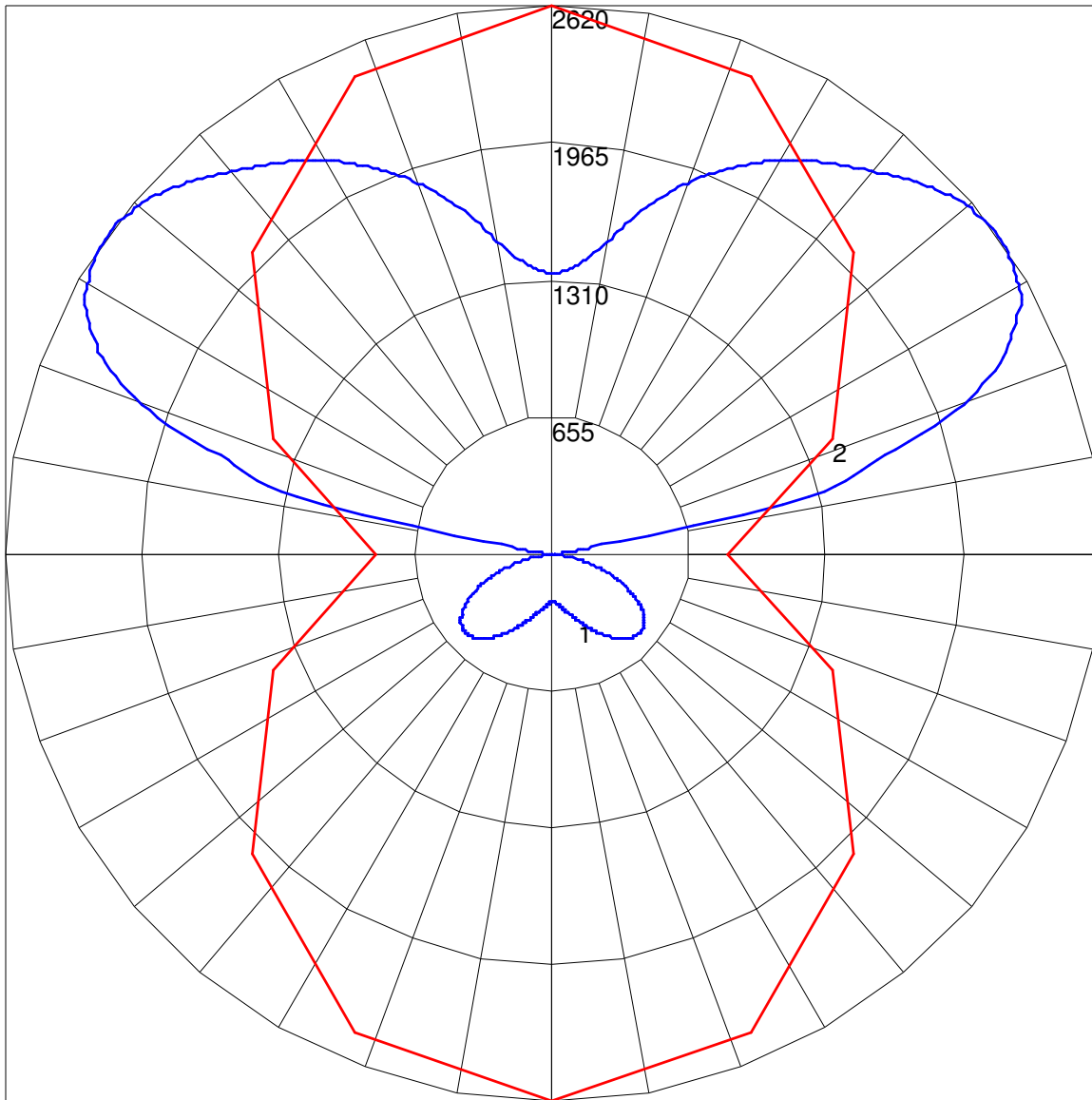
X=2H	Y=2H	8.1	8.1	8.1	8.2	9.9	11.2	11.8	12.4	13.0	14.7
	3H	8.1	8.3	8.9	9.5	11.2	13.1	13.6	14.3	14.8	16.5
	4H	8.1	8.5	9.2	9.7	11.4	13.6	14.1	14.8	15.3	17.0
	6H	8.1	8.6	9.3	9.8	11.5	13.7	14.2	14.9	15.4	17.1
	8H	8.1	8.6	9.3	9.8	11.5	13.7	14.1	14.9	15.3	17.1
	12H	8.1	8.5	9.3	9.7	11.5	13.6	14.1	14.8	15.3	17.0

UGR Viewed Endwise

4H	2H	8.1	8.1	8.7	9.2	10.9	11.3	11.8	12.5	13.0	14.7
	3H	8.9	9.3	10.1	10.5	12.3	13.3	13.8	14.5	15.0	16.7
	4H	9.2	9.6	10.5	10.8	12.6	13.9	14.3	15.2	15.5	17.3
	6H	9.4	9.7	10.6	10.9	12.7	14.1	14.5	15.3	15.7	17.4
	8H	9.4	9.7	10.6	10.9	12.7	14.1	14.4	15.3	15.6	17.4
	12H	9.3	9.6	10.6	10.9	12.6	14.0	14.3	15.2	15.5	17.3
8H	4H	9.6	9.9	10.8	11.1	12.8	13.9	14.2	15.1	15.4	17.2
	6H	9.8	10.0	11.0	11.3	13.0	14.1	14.4	15.3	15.6	17.4
	8H	9.8	10.0	11.1	11.3	13.0	14.1	14.3	15.3	15.5	17.3
	12H	9.8	10.0	11.1	11.2	13.0	14.0	14.2	15.3	15.4	17.2
12H	4H	9.5	9.8	10.8	11.1	12.8	13.8	14.1	15.0	15.3	17.1
	6H	9.8	10.0	11.0	11.2	13.0	14.0	14.3	15.3	15.5	17.3
	8H	9.8	10.0	11.1	11.2	13.0	14.0	14.2	15.3	15.4	17.2

Maximum UGR = 17.4

POLAR GRAPH



Maximum Candela = 2619.727 Located At Horizontal Angle = 90, Vertical Angle = 125.5
1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (125.5) (Through Max. Cd.)