



IES INDOOR REPORT

PHOTOMETRIC FILENAME : SDI5-4-L27-8TW-DMA-100U-DIM-UNV_4000K.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN FROM 12731921.01

[TESTLAB] UL Verification Services Inc.

[ISSUEDATE] 4/02/2019

[MANUFAC] WILLIAMS INDOOR

[OTHER] H.E. WILLIAMS, INC.

[LUMCAT] SDI5-4-L27-8TW-DMA-100U-DIM-UNV-4000k

[LUMINAIRE] White steel housing, clear lens enclosure

[LAMP] LED

[LAMPCAT] HLM 80 CRI TUNABLE WHITE CCT

[BALLAST] Everline D21CC80UNVPW-C

[OTHER] 24.6 C, 120V, 96.1W, 0.99 PF, 60 Hz

[OTHER] This test was performed using the calibrated photodetector met

[MORE] hod of absolute photometry.

[_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	9987
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	104
Total Luminaire Watts	96.1
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

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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-L27-8TW-DMA-100U-DIM-UNV_4000K.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

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-4-L27-8TW-DMA-100U-DIM-UNV_4000K.IES****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

PHOTOMETRIC FILENAME : SDI5-4-L27-8TW-DMA-100U-DIM-UNV_4000K.IES

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	2.789	9.961	12.750	13.248	12.949
91.0	4.881	15.440	19.026	19.922	19.225
91.5	7.869	20.121	26.397	27.194	26.497
92.0	11.654	24.305	33.170	35.362	34.465
92.5	16.237	31.776	37.952	42.833	42.833
93.0	21.317	48.809	43.032	48.212	49.009
93.5	27.293	81.681	48.710	53.790	54.587
94.0	34.067	116.943	55.483	60.065	60.464
94.5	41.737	147.823	64.648	66.939	67.337
95.0	50.104	177.606	79.988	74.409	74.609
95.5	59.269	207.191	114.553	82.777	82.677
96.0	69.030	237.771	186.671	93.336	91.443
96.5	79.689	267.256	289.071	112.361	101.006
97.0	90.945	297.638	376.330	149.815	119.434
97.5	103.097	328.816	452.234	216.654	157.983
98.0	115.748	359.895	541.286	323.337	215.957
98.5	129.195	388.881	610.317	459.506	313.277
99.0	143.340	418.765	657.731	580.633	452.533
99.5	157.883	449.445	699.269	692.695	592.088
100.0	173.224	482.914	741.704	806.152	711.721
100.5	189.062	515.288	786.030	920.107	834.939
101.0	205.597	545.370	833.346	1018.025	955.270
101.5	222.531	577.843	880.462	1080.779	1071.814
102.0	240.262	612.209	921.999	1126.601	1180.390
102.5	258.590	648.766	963.039	1171.425	1244.141
103.0	276.919	685.324	1008.063	1219.239	1290.959
103.5	295.845	719.092	1050.896	1259.083	1335.784
104.0	315.468	752.960	1088.748	1305.900	1384.593
104.5	335.191	783.042	1120.624	1363.675	1423.441
105.0	355.312	812.427	1152.499	1415.472	1465.278
105.5	376.032	846.295	1187.363	1454.321	1518.072
106.0	396.850	881.358	1224.219	1492.173	1572.858
106.5	417.968	907.357	1262.071	1534.010	1615.691
107.0	439.285	933.256	1296.935	1578.834	1651.551
107.5	460.900	962.740	1331.799	1618.679	1689.403
108.0	482.914	995.811	1365.667	1652.547	1733.232
108.5	505.028	1025.993	1399.535	1682.430	1777.060
109.0	527.540	1050.896	1433.402	1711.317	1815.909
109.5	550.351	1076.795	1468.266	1741.200	1846.788
110.0	572.564	1099.706	1502.134	1774.072	1872.687
110.5	595.375	1126.601	1535.006	1807.940	1899.582

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111.0	618.186	1153.495	1566.881	1841.808	1928.469
111.5	641.495	1176.406	1597.761	1874.679	1957.356
112.0	665.003	1200.313	1629.636	1906.555	1987.240
112.5	688.611	1222.227	1662.508	1936.438	2016.127
113.0	712.119	1240.157	1696.375	1967.317	2045.014
113.5	735.727	1255.099	1727.255	1996.205	2071.909
114.0	759.235	1273.029	1754.150	2025.092	2099.800
114.5	782.444	1292.951	1778.056	2051.987	2126.695
115.0	805.554	1311.877	1801.963	2077.886	2152.594
115.5	828.963	1328.811	1828.858	2103.784	2178.493
116.0	852.073	1345.745	1857.745	2129.683	2203.396
116.5	875.581	1362.679	1886.632	2154.586	2229.294
117.0	899.487	1380.609	1917.512	2178.493	2253.201
117.5	923.195	1398.539	1942.415	2203.396	2278.104
118.0	947.002	1417.465	1959.349	2228.298	2301.014
118.5	970.610	1435.395	1975.286	2254.197	2323.925
119.0	993.421	1452.328	1992.220	2280.096	2346.835
119.5	1017.028	1469.262	2010.150	2305.995	2368.750
120.0	1038.943	1486.196	2029.076	2327.909	2390.664
120.5	1061.853	1503.130	2049.995	2345.839	2415.567
121.0	1084.764	1520.064	2068.921	2359.785	2439.474
121.5	1106.678	1536.002	2085.855	2372.734	2463.380
122.0	1129.589	1552.936	2100.796	2389.668	2482.306
122.5	1152.499	1569.869	2115.738	2410.586	2496.252
123.0	1175.410	1585.807	2129.683	2434.493	2508.205
123.5	1197.324	1601.745	2141.637	2457.404	2519.162
124.0	1219.239	1617.683	2152.594	2472.345	2534.104
124.5	1242.149	1632.624	2164.547	2482.306	2553.030
125.0	1264.064	1646.570	2177.497	2491.271	2575.941
125.5	1286.974	1660.516	2194.431	2499.240	2597.855
126.0	1308.889	1673.465	2208.376	2509.201	2611.801
126.5	1330.803	1686.414	2219.333	2519.162	2620.766
127.0	1352.717	1699.364	2228.298	2530.120	2627.738
127.5	1373.636	1711.317	2236.267	2542.073	2633.715
128.0	1393.558	1723.270	2242.244	2553.030	2640.688
128.5	1414.476	1734.228	2249.217	2563.987	2649.653
129.0	1434.399	1745.185	2258.182	2573.948	2658.618
129.5	1454.321	1756.142	2266.150	2581.917	2667.583
130.0	1474.243	1767.099	2273.123	2588.890	2675.552
130.5	1494.165	1777.060	2276.112	2594.867	2683.521
131.0	1513.091	1787.021	2277.108	2597.855	2690.493
131.5	1533.013	1796.983	2280.096	2600.843	2697.466
132.0	1551.940	1805.948	2284.080	2603.832	2702.447
132.5	1570.866	1815.909	2289.061	2609.808	2706.431
133.0	1589.792	1824.874	2295.038	2616.781	2709.419
133.5	1608.718	1833.839	2300.018	2622.758	2710.416
134.0	1626.648	1842.804	2304.999	2624.750	2712.408
134.5	1645.574	1850.773	2309.979	2622.758	2713.404
135.0	1663.504	1859.738	2314.960	2621.762	2717.388
135.5	1681.434	1868.703	2318.944	2620.766	2723.365
136.0	1699.364	1876.671	2323.925	2622.758	2727.349
136.5	1717.294	1885.636	2327.909	2625.746	2724.361
137.0	1736.220	1893.605	2331.894	2627.738	2719.381
137.5	1754.150	1901.574	2334.882	2625.746	2716.392
138.0	1771.084	1909.543	2338.866	2621.762	2715.396
138.5	1789.014	1917.512	2341.855	2616.781	2715.396

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-4-L27-8TW-DMA-100U-DIM-UNV_4000K.IES****CANDELA TABULATION - (Cont.)**

139.0	1805.948	1926.477	2344.843	2612.797	2717.388
139.5	1822.881	1935.442	2347.831	2610.805	2715.396
140.0	1839.815	1946.399	2349.824	2609.808	2709.419
140.5	1855.753	1957.356	2351.816	2609.808	2703.443
141.0	1871.691	1969.310	2353.808	2608.812	2696.470
141.5	1886.632	1980.267	2355.800	2607.816	2691.489
142.0	1902.570	1992.220	2356.796	2607.816	2687.505
142.5	1917.512	2004.173	2358.789	2606.820	2684.517
143.0	1933.450	2014.135	2359.785	2604.828	2682.524
143.5	1947.395	2025.092	2359.785	2603.832	2680.532
144.0	1962.337	2035.053	2360.781	2601.840	2677.544
144.5	1977.279	2044.018	2359.785	2598.851	2675.552
145.0	1991.224	2053.979	2359.785	2596.859	2672.563
145.5	2005.170	2062.944	2359.785	2593.871	2669.575
146.0	2019.115	2071.909	2358.789	2590.882	2665.591
146.5	2033.061	2080.874	2356.796	2586.898	2661.606
147.0	2047.006	2089.839	2355.800	2583.910	2657.622
147.5	2059.956	2098.804	2353.808	2579.925	2653.637
148.0	2073.901	2108.765	2350.820	2574.945	2648.657
148.5	2086.851	2117.730	2348.828	2570.960	2643.676
149.0	2099.800	2126.695	2345.839	2565.980	2637.699
149.5	2111.753	2135.660	2343.847	2560.999	2632.719
150.0	2124.703	2144.625	2339.863	2556.018	2626.742
150.5	2136.656	2152.594	2336.874	2551.038	2619.770
151.0	2148.609	2161.559	2332.890	2546.057	2613.793
151.5	2160.563	2170.524	2329.901	2540.081	2607.816
152.0	2172.516	2179.489	2325.917	2533.108	2600.843
152.5	2183.473	2188.454	2321.933	2527.131	2593.871
153.0	2194.431	2196.423	2317.948	2520.159	2586.898
153.5	2206.384	2205.388	2314.960	2512.190	2579.925
154.0	2216.345	2213.357	2311.971	2504.221	2571.956
154.5	2227.302	2222.322	2309.979	2496.252	2562.991
155.0	2237.263	2230.290	2307.987	2488.283	2554.026
155.5	2247.224	2238.259	2307.987	2479.318	2545.061
156.0	2257.185	2247.224	2311.971	2469.357	2535.100
156.5	2267.147	2255.193	2316.952	2460.392	2524.143
157.0	2276.112	2263.162	2321.933	2450.431	2513.186
157.5	2286.073	2271.131	2326.913	2440.470	2502.229
158.0	2295.038	2279.100	2331.894	2429.512	2491.271
158.5	2303.007	2287.069	2334.882	2420.547	2479.318
159.0	2311.971	2294.042	2336.874	2410.586	2467.365
159.5	2320.936	2302.010	2339.863	2402.618	2455.411
160.0	2328.905	2308.983	2341.855	2395.645	2443.458
160.5	2336.874	2316.952	2343.847	2388.672	2432.501
161.0	2343.847	2323.925	2346.835	2387.676	2422.540
161.5	2350.820	2330.898	2348.828	2388.672	2413.575
162.0	2358.789	2336.874	2351.816	2391.660	2405.606
162.5	2365.761	2342.851	2353.808	2394.649	2405.606
163.0	2372.734	2348.828	2355.800	2395.645	2406.602
163.5	2378.711	2354.804	2358.789	2394.649	2409.590
164.0	2385.684	2360.781	2360.781	2393.653	2412.579
164.5	2391.660	2365.761	2363.769	2392.656	2411.583
165.0	2397.637	2370.742	2366.758	2391.660	2409.590
165.5	2402.618	2375.723	2369.746	2391.660	2407.598
166.0	2408.594	2380.703	2372.734	2390.664	2406.602
166.5	2413.575	2385.684	2375.723	2390.664	2404.610

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-4-L27-8TW-DMA-100U-DIM-UNV_4000K.IES****CANDELA TABULATION - (Cont.)**

167.0	2418.555	2390.664	2377.715	2390.664	2403.614
167.5	2423.536	2394.649	2380.703	2391.660	2402.618
168.0	2428.516	2398.633	2383.691	2391.660	2402.618
168.5	2432.501	2402.618	2385.684	2393.653	2402.618
169.0	2436.485	2406.602	2388.672	2394.649	2402.618
169.5	2440.470	2409.590	2391.660	2395.645	2402.618
170.0	2444.454	2413.575	2393.653	2396.641	2403.614
170.5	2447.442	2416.563	2396.641	2397.637	2403.614
171.0	2451.427	2419.551	2398.633	2398.633	2404.610
171.5	2454.415	2422.540	2400.625	2400.625	2405.606
172.0	2456.407	2424.532	2403.614	2401.621	2406.602
172.5	2459.396	2427.520	2405.606	2402.618	2406.602
173.0	2461.388	2429.512	2406.602	2404.610	2407.598
173.5	2464.376	2431.505	2408.594	2405.606	2408.594
174.0	2465.372	2433.497	2410.586	2406.602	2409.590
174.5	2467.365	2435.489	2411.583	2407.598	2410.586
175.0	2469.357	2436.485	2413.575	2408.594	2411.583
175.5	2470.353	2438.477	2414.571	2409.590	2412.579
176.0	2471.349	2439.474	2415.567	2410.586	2413.575
176.5	2472.345	2440.470	2415.567	2411.583	2414.571
177.0	2473.341	2441.466	2416.563	2412.579	2415.567
177.5	2474.337	2442.462	2417.559	2413.575	2416.563
178.0	2475.334	2442.462	2417.559	2413.575	2417.559
178.5	2475.334	2443.458	2417.559	2413.575	2417.559
179.0	2475.334	2443.458	2418.555	2414.571	2418.555
179.5	2475.334	2443.458	2418.555	2414.571	2418.555
180.0	2431.505	2431.505	2431.505	2431.505	2431.505

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-4-L27-8TW-DMA-100U-DIM-UNV_4000K.IES****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	1309.21	N.A.	13.10
90-120	2954.99	N.A.	29.60
90-130	4791.64	N.A.	48.00
90-150	7991.32	N.A.	80.00
90-180	9987.46	N.A.	100.00
110-180	8678.25	N.A.	86.90
0-180	9987.46	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	193.28
100-110	1115.93
110-120	1645.78
120-130	1836.65
130-140	1735.76
140-150	1463.93
150-160	1090.75
160-170	674.51
170-180	230.89

IES INDOOR REPORT

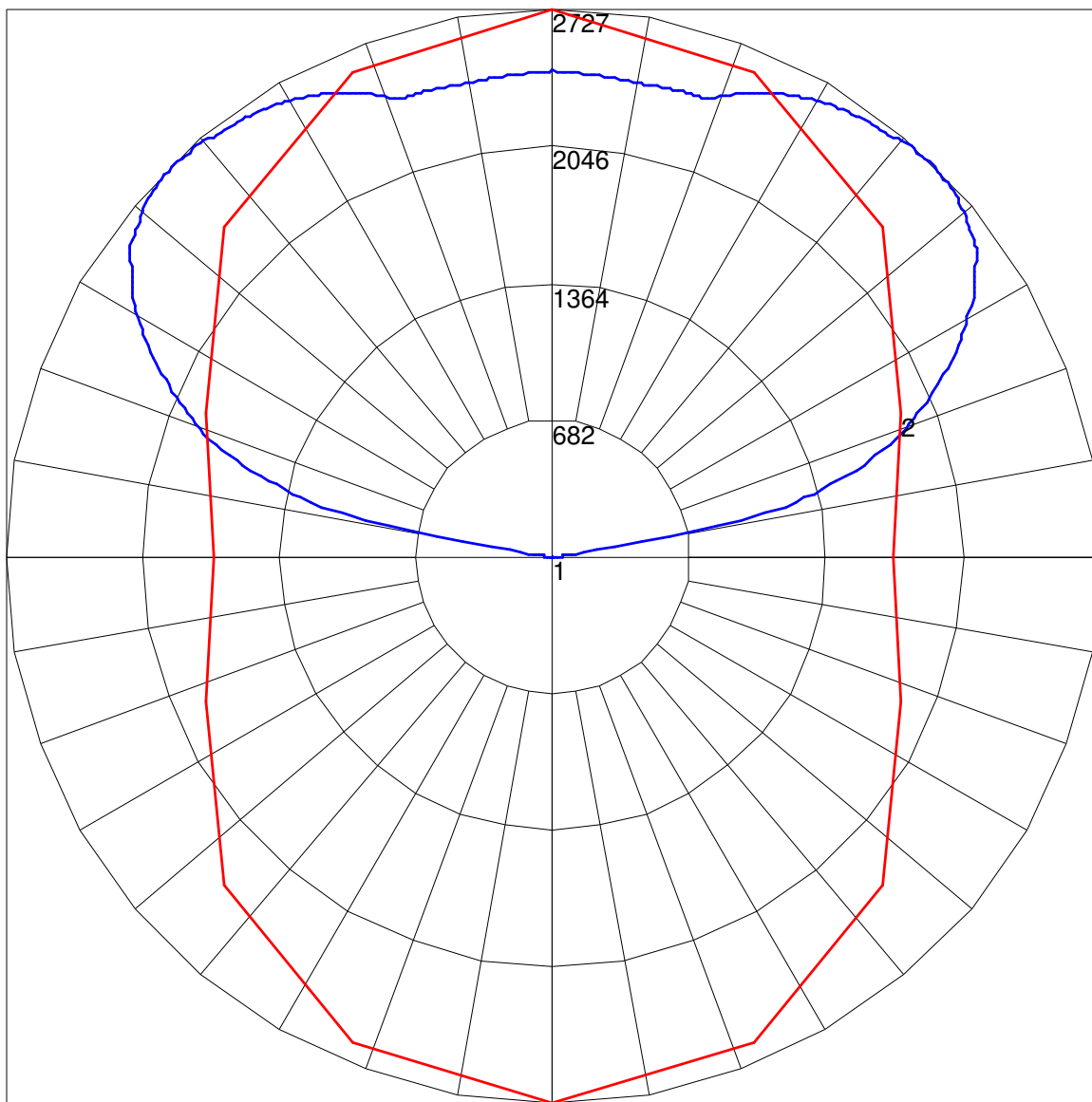
PHOTOMETRIC FILENAME : SDI5-4-L27-8TW-DMA-100U-DIM-UNV_4000K.IES

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	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 = 2727.349 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.)