

IES INDOOR REPORT

PHOTOMETRIC FILENAME : SDI5-8-L16-835-144W-DMA-70U-30D-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL #12731921.11

[TESTLAB] UL Verification Services Inc.

[ISSUE DATE] 8 FEB, 2024

[MANUFAC] WILLIAMS INDOOR

[OTHER] H.E. WILLIAMS, INC. - CARTHAGE, MO 64836

[LUMINAIRE] 8' SUSPENDED LED LUMINAIRE

[MORE] WITH FROSTED ACRYLIC LENS & 144 CELL LOUVER

[LUMCAT] SDI5-8-L16-835-144W-DMA-70U-30D-DIM-UNV

[LAMPCAT] HLM 80 CRI, 3500K CCT

[_SEARCH_SOURCE TYPE] 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	12637
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	137
Total Luminaire Watts	92
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)	7.77 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	1693	1951	2480
55	1800	2015	2625
65	1726	1705	2247
75	1248	1004	1269
85	789	256	84

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-8-L16-835-144W-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	285.778	285.778	285.778	285.778	285.778
0.5	284.097	286.979	285.658	286.259	284.578
1.0	284.218	287.099	285.778	286.619	284.818
1.5	284.458	287.219	286.019	287.099	285.298
2.0	284.578	287.460	286.499	287.700	286.139
2.5	284.698	287.700	287.099	288.540	287.219
3.0	285.058	288.180	287.700	289.621	288.420
3.5	285.298	288.780	288.540	290.942	290.101
4.0	285.658	289.381	289.501	292.383	292.022
4.5	286.139	289.981	290.461	294.064	294.184
5.0	286.739	290.581	291.662	295.745	296.345
5.5	287.460	291.182	292.863	297.666	298.747
6.0	288.060	291.902	294.304	299.827	301.628
6.5	288.420	292.743	295.745	302.109	304.630
7.0	289.021	293.703	297.186	304.510	307.632
7.5	289.621	294.664	298.987	307.032	310.634
8.0	290.221	295.745	300.668	309.673	313.876
8.5	290.942	296.825	302.589	312.315	316.998
9.0	291.782	298.026	304.510	315.077	320.240
9.5	292.623	299.107	306.551	318.199	323.602
10.0	293.583	300.308	308.713	321.321	326.964
10.5	294.424	301.628	310.994	324.563	330.446
11.0	295.384	303.069	313.276	327.805	333.929
11.5	296.225	304.390	315.677	331.167	337.411
12.0	297.066	305.831	318.079	334.529	340.893
12.5	298.026	307.272	320.600	338.011	344.495
13.0	298.987	308.713	323.122	341.613	348.097
13.5	300.067	310.274	325.884	345.216	351.940
14.0	301.148	311.835	328.645	349.058	355.902
14.5	302.349	313.516	331.527	353.020	360.225
15.0	303.670	315.197	334.409	356.983	364.788
15.5	304.750	316.998	337.411	360.945	369.111
16.0	305.831	318.919	340.293	365.148	373.433
16.5	307.032	320.720	343.414	369.351	377.996
17.0	308.353	322.521	346.536	373.673	382.799
17.5	309.553	324.443	349.778	377.996	387.722
18.0	310.874	326.364	353.020	382.559	392.645
18.5	312.195	328.285	356.383	387.122	397.688
19.0	313.516	330.326	359.745	391.685	402.732
19.5	314.837	332.248	363.107	396.247	408.015
20.0	316.278	334.289	366.709	401.050	413.418
20.5	317.718	336.450	370.191	405.853	418.702
21.0	318.919	338.491	373.914	410.777	423.985
21.5	320.240	340.533	377.516	415.820	429.628
22.0	321.681	342.694	381.118	421.103	435.272
22.5	323.002	344.975	384.720	426.266	440.915
23.0	324.323	347.137	388.443	431.670	446.679
23.5	325.763	349.298	392.285	437.073	452.563
24.0	327.204	351.339	396.007	442.596	458.326
24.5	328.645	353.501	399.730	448.120	464.330
25.0	330.086	355.662	403.452	453.883	470.574
25.5	331.527	357.944	407.054	459.287	477.058
26.0	332.848	360.225	410.656	464.810	483.782
26.5	334.169	362.386	414.259	470.334	490.386

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-8-L16-835-144W-DMA-70U-30D-DIM-UNV_.IES****CANDELA TABULATION - (Cont.)**

27.0	335.490	364.548	417.861	475.857	497.231
27.5	336.810	366.709	421.463	481.621	503.835
28.0	338.011	368.870	425.186	487.264	510.319
28.5	339.212	371.032	429.028	492.908	516.803
29.0	340.413	373.073	432.630	498.792	523.407
29.5	341.613	375.114	436.353	504.315	530.011
30.0	342.814	377.035	440.075	509.838	536.735
30.5	344.015	378.957	443.557	515.482	543.339
31.0	345.096	380.878	447.159	521.005	550.064
31.5	346.296	382.559	450.762	526.649	556.908
32.0	347.257	384.240	454.244	532.172	563.752
32.5	348.217	386.041	457.606	537.576	570.476
33.0	349.178	387.722	461.088	542.859	576.960
33.5	350.019	389.403	464.210	547.782	583.444
34.0	350.739	390.964	467.332	552.705	589.688
34.5	351.460	392.525	470.454	557.388	596.172
35.0	352.180	393.846	473.336	562.191	602.776
35.5	352.900	395.047	475.977	566.994	609.140
36.0	353.501	396.368	478.619	571.677	615.264
36.5	353.861	397.448	481.261	576.120	620.908
37.0	354.221	398.529	483.902	580.683	626.311
37.5	354.341	399.610	486.304	585.005	631.354
38.0	354.581	400.570	488.705	589.328	636.638
38.5	354.822	401.291	490.747	593.411	641.801
39.0	354.942	401.771	492.428	597.253	646.604
39.5	355.062	402.131	493.868	600.855	651.047
40.0	355.302	402.491	495.309	604.097	654.889
40.5	355.182	402.852	496.630	607.219	658.972
41.0	354.942	403.092	497.711	610.341	662.814
41.5	354.461	403.212	498.671	612.983	666.776
42.0	353.861	403.092	499.632	615.504	670.499
42.5	353.381	402.852	500.353	617.786	673.741
43.0	352.780	402.491	501.193	620.067	676.863
43.5	352.060	401.891	501.553	621.988	679.865
44.0	351.219	401.291	502.154	623.670	682.386
44.5	350.139	400.570	502.634	624.990	684.788
45.0	349.058	399.850	502.874	626.071	686.949
45.5	348.097	398.769	502.634	626.912	688.750
46.0	346.777	397.568	502.514	627.632	689.951
46.5	345.456	396.368	502.154	627.872	691.032
47.0	344.015	395.047	501.793	627.872	691.992
47.5	342.454	393.606	500.833	627.512	692.713
48.0	340.893	392.045	499.632	626.912	692.713
48.5	338.972	390.244	498.311	625.951	692.473
49.0	337.051	388.202	496.630	624.750	691.752
49.5	335.009	386.041	494.829	623.549	690.551
50.0	332.968	383.640	492.788	621.748	689.110
50.5	330.566	381.358	490.626	619.587	687.309
51.0	328.045	378.837	488.225	617.185	685.388
51.5	325.403	376.075	485.703	614.424	683.107
52.0	322.642	373.073	482.701	611.302	680.705
52.5	319.640	370.071	479.459	607.940	677.823
53.0	316.758	366.589	475.977	604.337	674.581
53.5	313.516	363.107	472.255	600.615	671.099
54.0	310.274	359.625	468.533	596.533	667.377
54.5	306.792	355.782	464.450	592.090	662.814

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-8-L16-835-144W-DMA-70U-30D-DIM-UNV_.IES****CANDELA TABULATION - (Cont.)**

55.0	303.309	351.820	460.127	587.527	657.771
55.5	299.587	347.857	455.565	582.244	652.367
56.0	295.745	343.655	450.641	576.840	646.364
56.5	291.782	339.452	445.598	571.077	640.240
57.0	287.580	335.009	440.195	565.073	633.996
57.5	283.617	330.326	434.792	558.349	627.152
58.0	279.655	325.403	429.028	551.745	619.947
58.5	275.572	320.360	423.024	544.540	612.142
59.0	271.490	315.317	416.900	536.855	604.097
59.5	267.647	310.274	410.416	529.050	595.332
60.0	263.805	305.231	403.812	521.005	586.566
60.5	259.842	300.067	396.968	512.360	577.561
61.0	256.000	294.904	389.884	503.715	568.675
61.5	251.677	289.621	382.559	494.709	559.189
62.0	246.994	284.578	375.234	485.463	549.703
62.5	242.191	279.294	367.790	476.217	539.857
63.0	237.268	273.891	360.105	466.611	529.771
63.5	232.345	268.248	352.300	457.005	519.444
64.0	227.302	262.364	344.015	447.159	508.878
64.5	222.259	256.600	335.730	437.073	497.831
65.0	217.096	250.597	327.445	426.747	486.664
65.5	211.692	244.593	319.039	416.420	475.497
66.0	206.289	238.469	310.634	405.974	464.090
66.5	200.765	232.345	302.109	395.287	452.443
67.0	195.122	225.981	293.343	384.480	440.555
67.5	189.238	219.497	284.698	373.313	428.428
68.0	183.234	212.893	275.812	362.026	416.180
68.5	176.991	206.049	267.047	350.739	403.812
69.0	170.867	199.084	258.281	339.332	391.084
69.5	164.383	192.000	249.396	327.685	377.636
70.0	157.899	184.795	240.630	316.037	364.428
70.5	151.535	177.351	231.745	304.150	350.979
71.0	145.051	169.906	222.619	292.263	337.291
71.5	138.807	162.341	213.613	280.255	323.602
72.0	132.923	154.897	204.608	268.127	309.793
72.5	127.039	147.692	195.722	255.880	295.865
73.0	121.396	140.488	186.717	243.392	282.056
73.5	115.632	133.643	177.591	231.024	267.647
74.0	110.109	126.919	168.465	218.657	252.878
74.5	104.465	120.435	159.460	206.169	238.349
75.0	98.942	114.071	150.454	193.681	223.339
75.5	93.658	107.707	141.568	181.313	208.450
76.0	88.375	101.463	132.923	168.946	193.201
76.5	83.212	95.340	124.158	156.578	177.711
77.0	78.169	89.216	115.632	144.210	161.621
77.5	73.606	83.212	107.467	131.842	145.171
78.0	69.283	77.448	99.422	119.475	128.000
78.5	65.201	72.045	91.617	107.227	109.989
79.0	61.358	67.002	84.173	94.739	90.657
79.5	57.636	62.319	77.088	82.371	70.844
80.0	54.154	57.996	70.124	69.764	55.234
80.5	50.792	54.154	63.520	58.356	42.627
81.0	47.550	50.552	57.396	49.471	30.499
81.5	44.548	47.189	51.752	41.786	19.692
82.0	41.426	43.947	46.709	34.582	15.250
82.5	38.424	40.825	42.386	30.259	14.049

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-8-L16-835-144W-DMA-70U-30D-DIM-UNV_.IES****CANDELA TABULATION - (Cont.)**

83.0	35.542	37.824	38.544	28.098	13.328
83.5	32.540	34.702	35.062	26.176	12.608
84.0	29.659	31.580	32.060	24.375	12.007
84.5	26.777	28.698	29.178	22.574	11.407
85.0	23.895	25.816	26.416	20.533	10.927
85.5	21.013	23.054	23.775	18.492	10.326
86.0	18.131	20.293	21.133	16.690	9.846
86.5	15.370	17.651	18.612	14.889	9.366
87.0	12.848	15.009	16.090	13.448	8.886
87.5	10.567	12.488	13.689	12.128	8.405
88.0	8.405	10.086	11.647	11.047	7.925
88.5	6.364	8.165	10.086	10.086	7.325
89.0	4.923	6.604	8.645	9.126	6.604
89.5	4.083	6.004	8.165	9.606	6.964
90.0	3.842	8.165	10.567	12.608	10.206
90.5	2.401	7.084	7.805	6.724	6.124
91.0	5.884	16.330	18.612	16.210	15.610
91.5	9.486	24.735	30.499	29.899	29.178
92.0	13.929	31.460	40.705	41.546	41.546
92.5	18.852	38.784	49.831	52.353	52.593
93.0	24.375	48.150	57.156	62.199	63.400
93.5	30.619	65.081	65.321	70.604	72.405
94.0	37.463	100.263	75.047	79.129	81.051
94.5	45.268	157.779	86.454	88.735	90.296
95.0	53.553	213.493	98.942	99.782	100.983
95.5	62.799	261.763	112.390	112.270	112.991
96.0	72.645	287.940	128.000	126.439	126.799
96.5	83.212	321.081	157.538	141.328	141.688
97.0	94.499	377.756	219.857	156.818	156.938
97.5	106.266	436.713	345.096	172.308	173.028
98.0	118.754	481.381	538.056	191.039	189.118
98.5	131.842	521.366	711.324	227.422	206.529
99.0	145.291	564.593	814.949	301.869	234.867
99.5	159.460	602.536	897.921	432.510	298.026
100.0	174.109	637.598	958.078	638.679	407.174
100.5	189.118	675.302	1000.105	912.810	580.683
101.0	204.728	714.686	1045.493	1159.684	836.923
101.5	220.578	755.272	1094.844	1311.219	1143.234
102.0	237.028	789.493	1160.045	1413.283	1384.465
102.5	253.718	822.994	1246.378	1493.733	1539.361
103.0	270.649	854.694	1336.435	1557.373	1636.622
103.5	287.940	885.913	1416.885	1607.804	1715.872
104.0	305.471	918.214	1481.725	1660.637	1781.913
104.5	323.242	950.994	1539.361	1712.269	1833.545
105.0	341.013	983.294	1594.596	1762.701	1887.579
105.5	359.144	1016.075	1652.232	1827.541	1938.010
106.0	377.396	1047.294	1707.466	1907.992	1984.840
106.5	395.767	1076.833	1759.099	1999.249	2040.074
107.0	414.139	1105.771	1804.727	2089.305	2114.521
107.5	432.510	1134.949	1843.151	2166.153	2199.774
108.0	451.002	1162.446	1877.973	2233.395	2289.830
108.5	469.733	1187.542	1916.397	2293.432	2373.883
109.0	488.225	1211.557	1956.022	2351.068	2448.329
109.5	506.596	1235.572	1994.446	2403.901	2514.370
110.0	524.728	1259.587	2034.070	2456.734	2575.609
110.5	542.379	1283.602	2073.695	2507.166	2627.241

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-8-L16-835-144W-DMA-70U-30D-DIM-UNV_.IES****CANDELA TABULATION - (Cont.)**

111.0	560.390	1306.416	2107.316	2556.397	2675.271
111.5	578.401	1328.029	2133.733	2599.624	2722.100
112.0	596.893	1349.643	2154.145	2638.048	2767.729
112.5	615.625	1368.855	2174.558	2670.468	2813.357
113.0	633.756	1389.268	2196.172	2699.286	2855.383
113.5	651.407	1409.680	2218.986	2728.104	2891.406
114.0	669.058	1430.093	2241.800	2758.123	2921.425
114.5	686.709	1450.506	2264.614	2788.141	2946.640
115.0	704.000	1470.919	2286.228	2813.357	2970.655
115.5	721.411	1490.131	2307.841	2839.774	2994.670
116.0	738.942	1510.543	2328.254	2867.391	3021.087
116.5	756.593	1528.555	2347.466	2892.607	3046.303
117.0	774.003	1546.566	2366.678	2910.618	3066.715
117.5	791.174	1563.376	2382.288	2922.625	3089.530
118.0	807.745	1578.986	2396.697	2933.432	3114.745
118.5	824.315	1595.797	2411.106	2945.440	3135.158
119.0	840.525	1610.206	2424.314	2957.447	3147.166
119.5	856.615	1625.815	2433.920	2969.455	3153.169
120.0	872.345	1639.024	2444.727	2980.261	3159.173
120.5	887.594	1653.433	2454.333	2989.867	3166.378
121.0	902.844	1667.842	2462.738	2999.473	3174.783
121.5	918.093	1681.050	2469.943	3009.079	3183.188
122.0	932.983	1694.258	2475.946	3017.485	3190.393
122.5	948.232	1708.667	2480.749	3023.488	3198.798
123.0	962.881	1721.875	2485.552	3029.492	3203.601
123.5	976.810	1735.084	2489.155	3034.295	3208.404
124.0	991.699	1745.890	2492.757	3036.697	3212.006
124.5	1005.748	1755.496	2496.359	3039.098	3214.408
125.0	1020.157	1763.902	2499.961	3040.299	3214.408
125.5	1034.566	1774.708	2502.363	3041.500	3215.608
126.0	1048.015	1783.114	2504.764	3040.299	3213.207
126.5	1061.703	1791.519	2507.166	3039.098	3213.207
127.0	1075.152	1798.723	2509.567	3036.697	3210.805
127.5	1087.759	1805.928	2510.768	3034.295	3208.404
128.0	1101.568	1813.132	2511.969	3030.693	3203.601
128.5	1113.696	1819.136	2511.969	3025.890	3196.396
129.0	1126.183	1823.939	2510.768	3019.886	3190.393
129.5	1138.191	1829.943	2509.567	3013.882	3184.389
130.0	1150.679	1835.947	2507.166	3005.477	3177.184
130.5	1161.485	1840.750	2505.965	2998.273	3169.980
131.0	1172.652	1845.553	2503.564	2991.068	3161.575
131.5	1184.060	1850.356	2503.564	2982.663	3151.969
132.0	1195.106	1853.958	2501.162	2974.258	3143.563
132.5	1206.754	1857.560	2499.961	2964.652	3132.757
133.0	1216.360	1861.162	2497.560	2955.046	3121.950
133.5	1225.966	1863.564	2495.158	2945.440	3108.742
134.0	1235.572	1867.166	2492.757	2935.834	3096.734
134.5	1246.378	1869.568	2490.355	2925.027	3084.727
135.0	1255.984	1871.969	2487.954	2914.220	3073.920
135.5	1265.590	1874.371	2485.552	2903.413	3061.912
136.0	1275.196	1877.973	2481.950	2891.406	3049.905
136.5	1283.602	1879.174	2478.348	2879.398	3035.496
137.0	1293.208	1880.374	2475.946	2867.391	3019.886
137.5	1301.613	1881.575	2471.143	2855.383	3006.678
138.0	1310.018	1882.776	2466.340	2843.376	2991.068
138.5	1319.624	1883.977	2461.537	2831.368	2975.458

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-8-L16-835-144W-DMA-70U-30D-DIM-UNV_.IES****CANDELA TABULATION - (Cont.)**

139.0	1328.029	1883.977	2456.734	2821.762	2961.049
139.5	1336.435	1883.977	2451.931	2810.956	2945.440
140.0	1344.840	1882.776	2447.128	2798.948	2932.231
140.5	1353.245	1881.575	2441.125	2789.342	2916.622
141.0	1360.450	1880.374	2435.121	2779.736	2903.413
141.5	1367.654	1880.374	2427.916	2770.130	2889.004
142.0	1376.059	1877.973	2421.913	2760.524	2876.997
142.5	1382.063	1875.571	2415.909	2749.717	2863.789
143.0	1389.268	1871.969	2408.704	2738.911	2851.781
143.5	1396.472	1868.367	2401.500	2728.104	2838.573
144.0	1403.677	1865.965	2394.295	2718.498	2827.766
144.5	1410.881	1862.363	2388.292	2707.691	2816.959
145.0	1418.086	1858.761	2379.886	2696.884	2804.952
145.5	1424.089	1856.359	2371.481	2686.078	2791.744
146.0	1431.294	1851.556	2363.076	2675.271	2778.535
146.5	1437.298	1847.954	2353.470	2663.263	2764.126
147.0	1444.502	1843.151	2343.864	2650.055	2750.918
147.5	1450.506	1838.348	2334.258	2638.048	2738.911
148.0	1456.510	1833.545	2324.652	2624.839	2724.502
148.5	1461.313	1828.742	2315.046	2611.631	2711.293
149.0	1467.316	1825.140	2305.440	2597.222	2698.085
149.5	1472.119	1820.337	2294.633	2584.014	2684.877
150.0	1479.324	1816.735	2285.027	2570.806	2669.267
150.5	1484.127	1810.731	2274.220	2556.397	2653.657
151.0	1491.331	1805.928	2263.414	2541.988	2638.048
151.5	1494.934	1799.924	2252.607	2527.579	2621.237
152.0	1500.937	1795.121	2240.599	2511.969	2605.627
152.5	1505.740	1790.318	2229.793	2496.359	2588.817
153.0	1510.543	1785.515	2216.584	2481.950	2572.006
153.5	1516.547	1780.712	2205.778	2466.340	2555.196
154.0	1521.350	1774.708	2193.770	2450.731	2539.586
154.5	1526.153	1769.905	2182.963	2435.121	2522.776
155.0	1530.956	1765.102	2170.956	2418.310	2504.764
155.5	1535.759	1760.299	2158.948	2401.500	2485.552
156.0	1540.562	1755.496	2145.740	2384.689	2467.541
156.5	1545.365	1750.693	2131.331	2366.678	2449.530
157.0	1550.168	1745.890	2115.721	2349.868	2432.719
157.5	1554.971	1741.087	2102.513	2333.057	2414.708
158.0	1559.774	1736.284	2088.104	2315.046	2394.295
158.5	1562.176	1732.682	2073.695	2298.235	2376.284
159.0	1566.979	1729.080	2058.085	2280.224	2355.871
159.5	1570.581	1725.478	2042.476	2261.012	2336.659
160.0	1576.585	1721.875	2026.866	2244.202	2317.447
160.5	1580.187	1718.273	2010.055	2226.190	2298.235
161.0	1583.789	1714.671	1994.446	2208.179	2277.823
161.5	1586.191	1712.269	1978.836	2188.967	2258.611
162.0	1590.994	1708.667	1963.226	2168.554	2236.997
162.5	1593.395	1706.266	1946.416	2148.142	2216.584
163.0	1596.997	1702.663	1930.806	2126.528	2196.172
163.5	1601.800	1700.262	1915.196	2106.115	2174.558
164.0	1605.403	1696.660	1899.586	2084.502	2150.543
164.5	1607.804	1694.258	1883.977	2061.688	2128.930
165.0	1611.406	1691.857	1868.367	2038.873	2106.115
165.5	1615.009	1689.455	1853.958	2017.260	2080.900
166.0	1617.410	1687.054	1838.348	1994.446	2055.684
166.5	1619.812	1685.853	1823.939	1972.832	2031.669

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-8-L16-835-144W-DMA-70U-30D-DIM-UNV_.IES****CANDELA TABULATION - (Cont.)**

167.0	1623.414	1683.451	1810.731	1951.219	2006.453
167.5	1625.815	1682.251	1798.723	1928.404	1981.237
168.0	1628.217	1678.648	1786.716	1906.791	1958.423
168.5	1631.819	1677.448	1774.708	1885.177	1932.007
169.0	1634.221	1675.046	1763.902	1864.765	1907.992
169.5	1636.622	1672.645	1754.296	1844.352	1883.977
170.0	1639.024	1671.444	1744.690	1825.140	1861.162
170.5	1640.224	1670.243	1735.084	1805.928	1839.549
171.0	1642.626	1669.042	1725.478	1790.318	1819.136
171.5	1645.027	1667.842	1717.072	1774.708	1801.125
172.0	1647.429	1665.440	1709.868	1760.299	1783.114
172.5	1648.630	1664.239	1701.463	1747.091	1767.504
173.0	1649.830	1663.039	1694.258	1733.883	1753.095
173.5	1652.232	1660.637	1688.254	1721.875	1739.887
174.0	1653.433	1659.436	1682.251	1712.269	1727.879
174.5	1654.633	1659.436	1676.247	1701.463	1715.872
175.0	1655.834	1658.236	1671.444	1693.057	1703.864
175.5	1658.236	1657.035	1666.641	1684.652	1694.258
176.0	1658.236	1657.035	1661.838	1676.247	1684.652
176.5	1658.236	1655.834	1657.035	1669.042	1677.448
177.0	1658.236	1654.633	1653.433	1663.039	1670.243
177.5	1658.236	1654.633	1649.830	1657.035	1664.239
178.0	1658.236	1653.433	1647.429	1652.232	1658.236
178.5	1659.436	1653.433	1646.228	1649.830	1654.633
179.0	1659.436	1653.433	1645.027	1646.228	1651.031
179.5	1660.637	1652.232	1645.027	1645.027	1648.630
180.0	1648.630	1648.630	1648.630	1648.630	1648.630

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-8-L16-835-144W-DMA-70U-30D-DIM-UNV_.IES****ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	124.68	N.A.	1.00
0-30	312.58	N.A.	2.50
0-40	611.83	N.A.	4.80
0-60	1422.79	N.A.	11.30
0-80	1919.84	N.A.	15.20
0-90	1947.48	N.A.	15.40
10-90	1919.00	N.A.	15.20
20-40	487.15	N.A.	3.90
20-50	880.93	N.A.	7.00
40-70	1144.31	N.A.	9.10
60-80	497.05	N.A.	3.90
70-80	163.71	N.A.	1.30
80-90	27.64	N.A.	0.20
90-110	1607.75	N.A.	12.70
90-120	3676.02	N.A.	29.10
90-130	5779.12	N.A.	45.70
90-150	9024.26	N.A.	71.40
90-180	10689.21	N.A.	84.60
110-180	9081.47	N.A.	71.90
0-180	12636.7	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	28.48
10-20	96.19
20-30	187.90
30-40	299.25
40-50	393.78
50-60	417.19
60-70	333.34
70-80	163.71
80-90	27.64
90-100	195.69
100-110	1412.06
110-120	2068.27
120-130	2103.09
130-140	1825.03
140-150	1420.12
150-160	970.38
160-170	532.38
170-180	162.19

IES INDOOR REPORT

PHOTOMETRIC FILENAME : SDI5-8-L16-835-144W-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	198	198	198	198	174	174	174	174	128	128	128	87	87	87	49	49	49	31
1	180	171	164	157	157	150	144	139	111	107	104	75	73	71	42	41	40	25
2	163	149	137	127	142	131	121	113	97	90	85	65	62	58	36	35	33	20
3	148	130	116	105	129	114	102	93	85	77	70	57	52	48	32	29	27	16
4	135	114	99	87	117	100	88	78	74	66	59	50	45	41	28	25	23	13
5	123	101	85	74	107	89	76	66	66	57	50	44	39	34	24	22	19	11
6	113	90	74	63	98	79	66	56	59	49	43	40	34	29	22	19	16	9
7	104	80	65	54	90	71	58	48	53	43	37	36	30	25	20	16	14	8
8	96	72	57	47	83	64	51	42	47	38	32	32	26	22	18	15	12	7
9	89	65	51	41	77	58	45	37	43	34	28	29	23	19	16	13	11	6
10	82	59	46	36	72	52	41	33	39	31	25	27	21	17	15	12	10	5

IES INDOOR REPORT

PHOTOMETRIC FILENAME : SDI5-8-L16-835-144W-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	6.4	6.4	6.4	6.5	8.2	9.5	10.1	10.7	11.3	13.0
	3H	6.4	6.6	7.2	7.8	9.5	11.4	11.9	12.6	13.1	14.8
	4H	6.4	6.8	7.5	8.0	9.7	11.9	12.4	13.1	13.6	15.3
	6H	6.4	6.9	7.6	8.1	9.8	12.0	12.5	13.2	13.7	15.4
	8H	6.4	6.9	7.6	8.1	9.8	12.0	12.4	13.2	13.6	15.4
	12H	6.4	6.8	7.6	8.0	9.8	11.9	12.4	13.1	13.6	15.3

UGR Viewed Endwise

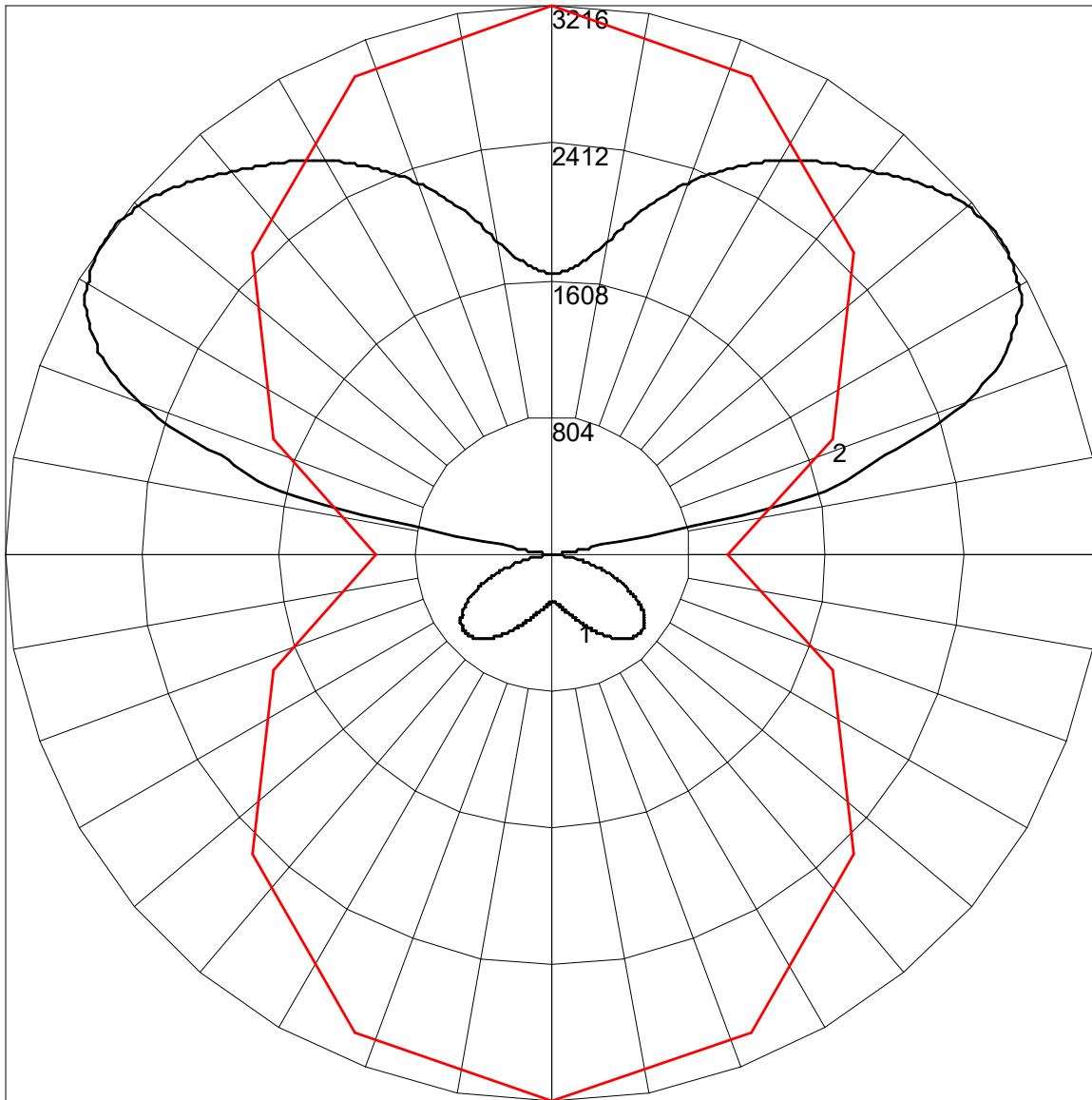
4H	2H	6.4	6.4	7.0	7.5	9.2	9.6	10.1	10.8	11.3	13.0
	3H	7.2	7.6	8.4	8.8	10.6	11.6	12.1	12.8	13.3	15.0
	4H	7.5	7.9	8.8	9.1	10.9	12.2	12.6	13.5	13.8	15.6
	6H	7.7	8.0	8.9	9.2	11.0	12.4	12.8	13.6	14.0	15.7
	8H	7.7	8.0	8.9	9.2	11.0	12.4	12.7	13.6	13.9	15.7
	12H	7.6	7.9	8.9	9.2	10.9	12.3	12.6	13.5	13.8	15.6

8H	4H	7.9	8.2	9.1	9.4	11.1	12.2	12.5	13.4	13.7	15.5
	6H	8.1	8.3	9.3	9.6	11.3	12.4	12.7	13.6	13.9	15.7
	8H	8.1	8.3	9.4	9.6	11.3	12.4	12.6	13.6	13.8	15.6
	12H	8.1	8.3	9.4	9.5	11.3	12.3	12.5	13.6	13.7	15.5

12H	4H	7.8	8.1	9.1	9.4	11.1	12.1	12.4	13.3	13.6	15.4
	6H	8.1	8.3	9.3	9.5	11.3	12.3	12.6	13.6	13.8	15.6
	8H	8.1	8.3	9.4	9.5	11.3	12.3	12.5	13.6	13.7	15.5

Maximum UGR = 15.7

POLAR GRAPH



Maximum Candela = 3215.608 Located At Horizontal Angle = 90, Vertical Angle = 125.5
1 - Vertical Plane Through Horizontal Angles (90 - 270)
2 - Horizontal Cone Through Vertical Angle (125.5) (Through Max. Cd.)