



IES INDOOR REPORT

PHOTOMETRIC FILENAME : SDI5-8-L27-835-DMA-10U-90D-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] GEN FROM 12731921.06
[TESTLAB] UL Verification Services Inc.
[ISSUE DATE] 04-21-2023
[MANUFAC] WILLIAMS INDOOR
[OTHER] H.E. WILLIAMS, INC. - CARTHAGE, MO.64836
[LUMINAIRE] 8' SUSPENDED LED LUMINAIRE
[MORE] WITH FROSTED ACRYLIC LENS
[LUMCAT] SDI5-8-L27-835-DMA-10U-90D-DIM-UNV
[LAMPCAT] 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	19009
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	125
Total Luminaire Watts	152
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.22
Spacing Criterion (90-270)	1.22
Spacing Criterion (Diagonal)	1.34
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	7.90 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	19322	15185	13964
55	18110	13081	11679
65	16380	10478	9059
75	13463	6953	5745
85	7363	2207	1697

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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	6479.115	6479.115	6479.115	6479.115	6479.115
0.5	6468.893	6507.739	6458.670	6470.937	6483.204
1.0	6466.848	6505.694	6458.670	6468.893	6483.204
1.5	6464.804	6505.694	6456.625	6468.893	6481.160
2.0	6462.759	6503.650	6454.581	6464.804	6479.115
2.5	6460.715	6499.561	6450.492	6462.759	6475.026
3.0	6454.581	6495.472	6446.403	6460.715	6470.937
3.5	6452.536	6489.338	6440.269	6456.625	6464.804
4.0	6448.447	6483.204	6434.136	6452.536	6458.670
4.5	6442.314	6477.071	6428.002	6444.358	6452.536
5.0	6436.180	6470.937	6421.868	6436.180	6444.358
5.5	6428.002	6462.759	6413.690	6428.002	6436.180
6.0	6419.824	6454.581	6405.512	6419.824	6430.047
6.5	6411.646	6446.403	6397.334	6409.601	6419.824
7.0	6401.423	6436.180	6387.111	6399.379	6411.646
7.5	6391.201	6425.958	6378.933	6389.156	6401.423
8.0	6378.933	6415.735	6366.666	6376.889	6389.156
8.5	6366.666	6403.468	6356.444	6364.622	6374.844
9.0	6352.354	6391.201	6344.176	6352.354	6360.533
9.5	6340.087	6378.933	6331.909	6340.087	6346.221
10.0	6327.820	6364.622	6317.597	6323.731	6331.909
10.5	6315.553	6350.310	6303.286	6309.419	6315.553
11.0	6301.241	6335.998	6286.929	6293.063	6297.152
11.5	6282.840	6321.686	6270.573	6276.707	6280.796
12.0	6264.440	6305.330	6254.217	6258.306	6264.440
12.5	6248.083	6286.929	6237.861	6239.905	6248.083
13.0	6231.727	6270.573	6219.460	6223.549	6229.683
13.5	6213.326	6250.128	6201.059	6203.104	6207.193
14.0	6194.926	6231.727	6180.614	6184.703	6188.792
14.5	6176.525	6211.282	6160.169	6164.258	6170.391
15.0	6156.080	6190.837	6139.723	6143.812	6145.857
15.5	6135.634	6172.436	6117.234	6121.323	6123.367
16.0	6113.144	6151.991	6096.788	6098.833	6100.877
16.5	6090.655	6129.501	6072.254	6074.298	6078.387
17.0	6068.165	6104.966	6047.719	6051.809	6055.898
17.5	6043.630	6080.432	6023.185	6027.274	6031.363
18.0	6021.141	6057.942	6000.695	6002.740	6006.829
18.5	5996.606	6031.363	5974.116	5976.161	5978.205
19.0	5970.027	6006.829	5949.582	5949.582	5951.627
19.5	5943.448	5980.250	5925.048	5925.048	5925.048
20.0	5916.870	5953.671	5898.469	5894.380	5898.469
20.5	5890.291	5927.092	5869.845	5865.756	5869.845
21.0	5865.756	5900.513	5841.222	5837.133	5841.222
21.5	5839.177	5871.890	5814.643	5808.509	5812.599
22.0	5810.554	5843.266	5786.020	5777.842	5781.931
22.5	5779.886	5814.643	5757.396	5749.218	5749.218
23.0	5751.263	5783.975	5726.728	5718.550	5718.550
23.5	5722.639	5753.307	5696.060	5687.882	5683.793
24.0	5691.971	5722.639	5663.348	5657.214	5651.081
24.5	5663.348	5691.971	5632.680	5624.502	5616.324
25.0	5632.680	5659.259	5599.967	5591.789	5583.611
25.5	5599.967	5628.591	5569.299	5559.077	5548.854
26.0	5567.255	5595.878	5536.587	5524.320	5516.142
26.5	5536.587	5563.166	5503.875	5489.563	5481.385

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CANDELA TABULATION - (Cont.)

27.0	5501.830	5528.409	5467.073	5454.806	5446.628
27.5	5467.073	5493.652	5432.316	5420.049	5411.871
28.0	5432.316	5458.895	5397.559	5383.247	5377.114
28.5	5397.559	5422.093	5360.757	5346.446	5340.312
29.0	5360.757	5387.336	5323.956	5309.644	5303.511
29.5	5326.000	5350.535	5289.199	5272.843	5266.709
30.0	5289.199	5315.778	5252.397	5233.997	5227.863
30.5	5250.353	5278.976	5213.551	5197.195	5189.017
31.0	5213.551	5242.175	5176.750	5158.349	5150.171
31.5	5176.750	5203.329	5137.904	5121.547	5111.325
32.0	5137.904	5164.483	5099.058	5080.657	5072.479
32.5	5101.102	5125.636	5060.212	5041.811	5031.588
33.0	5062.256	5086.790	5019.321	5000.920	4992.742
33.5	5023.410	5047.944	4978.430	4960.030	4951.851
34.0	4982.519	5007.054	4939.584	4919.139	4910.961
34.5	4945.718	4966.163	4898.694	4878.248	4865.981
35.0	4904.827	4925.273	4857.803	4837.358	4823.046
35.5	4865.981	4884.382	4816.912	4794.423	4778.066
36.0	4827.135	4843.491	4776.022	4751.488	4735.131
36.5	4786.245	4802.601	4735.131	4710.597	4692.196
37.0	4745.354	4761.710	4692.196	4665.617	4647.216
37.5	4702.419	4718.775	4651.306	4622.682	4602.237
38.0	4659.484	4675.840	4606.326	4577.702	4557.257
38.5	4618.593	4632.905	4563.391	4530.678	4512.278
39.0	4575.658	4589.970	4518.411	4487.743	4467.298
39.5	4532.723	4547.035	4475.476	4440.719	4422.318
40.0	4489.788	4504.099	4430.496	4395.739	4377.339
40.5	4446.853	4461.164	4385.517	4350.760	4332.359
41.0	4401.873	4416.185	4342.582	4305.780	4287.379
41.5	4356.893	4369.160	4297.602	4260.800	4244.444
42.0	4313.958	4326.225	4250.578	4215.821	4199.464
42.5	4271.023	4279.201	4205.598	4170.841	4156.529
43.0	4226.043	4234.221	4160.618	4127.906	4109.505
43.5	4181.064	4189.242	4115.639	4080.882	4064.525
44.0	4136.084	4142.218	4068.615	4035.902	4019.546
44.5	4093.149	4097.238	4023.635	3990.922	3974.566
45.0	4048.169	4050.214	3978.655	3945.943	3931.631
45.5	4003.190	4005.234	3933.676	3900.963	3884.607
46.0	3958.210	3956.165	3886.651	3855.983	3839.627
46.5	3911.186	3909.141	3841.672	3808.959	3792.603
47.0	3866.206	3864.162	3794.648	3763.980	3745.579
47.5	3819.182	3817.137	3749.668	3716.955	3696.510
48.0	3772.158	3770.113	3702.644	3669.931	3649.486
48.5	3725.134	3725.134	3655.619	3622.907	3602.462
49.0	3678.109	3676.065	3608.595	3575.883	3555.438
49.5	3631.085	3629.041	3561.571	3528.859	3508.413
50.0	3584.061	3582.016	3514.547	3481.834	3459.345
50.5	3534.992	3534.992	3469.567	3432.766	3410.276
51.0	3487.968	3487.968	3420.499	3383.697	3363.252
51.5	3438.899	3440.944	3373.474	3336.673	3314.183
52.0	3391.875	3391.875	3326.450	3287.604	3265.114
52.5	3342.806	3344.851	3277.381	3240.580	3216.046
53.0	3295.782	3295.782	3230.357	3191.511	3169.021
53.5	3246.714	3246.714	3181.289	3142.442	3119.953
54.0	3197.645	3199.689	3132.220	3095.418	3072.928
54.5	3150.621	3150.621	3085.196	3046.350	3023.860

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CANDELA TABULATION - (Cont.)

55.0	3101.552	3101.552	3036.127	2997.281	2974.791
55.5	3052.483	3052.483	2987.058	2948.212	2925.722
56.0	3003.414	3001.370	2937.989	2899.143	2878.698
56.5	2954.346	2952.301	2888.921	2852.119	2829.629
57.0	2905.277	2901.188	2837.808	2803.051	2782.605
57.5	2854.164	2852.119	2788.739	2753.982	2731.492
58.0	2805.095	2801.006	2739.670	2704.913	2682.423
58.5	2756.026	2749.893	2688.557	2655.844	2633.355
59.0	2704.913	2698.779	2639.488	2606.776	2586.330
59.5	2653.800	2647.666	2590.419	2557.707	2537.262
60.0	2602.687	2596.553	2541.351	2508.638	2488.193
60.5	2551.573	2547.484	2490.237	2459.569	2437.080
61.0	2500.460	2496.371	2441.169	2408.456	2388.011
61.5	2449.347	2445.258	2392.100	2359.388	2338.942
62.0	2400.278	2394.145	2343.031	2310.319	2289.874
62.5	2349.165	2343.031	2291.918	2261.250	2240.805
63.0	2298.052	2291.918	2242.849	2212.181	2191.736
63.5	2244.894	2242.849	2193.781	2163.113	2142.667
64.0	2193.781	2191.736	2144.712	2114.044	2093.599
64.5	2142.667	2140.623	2093.599	2062.931	2043.917
65.0	2093.599	2087.465	2044.530	2014.680	1994.234
65.5	2042.076	2037.579	1994.643	1966.020	1946.188
66.0	1991.781	1986.874	1944.757	1916.338	1896.710
66.5	1940.054	1935.761	1894.666	1868.087	1848.255
67.0	1889.759	1885.261	1844.984	1818.405	1799.595
67.5	1839.668	1833.739	1794.893	1768.927	1750.527
68.0	1787.328	1782.830	1745.006	1719.859	1702.480
68.5	1737.033	1731.308	1694.506	1671.608	1657.500
69.0	1686.124	1680.195	1646.664	1625.401	1608.636
69.5	1636.646	1631.126	1598.413	1576.128	1558.954
70.0	1588.395	1581.648	1548.323	1526.855	1509.885
70.5	1536.669	1531.148	1498.027	1477.377	1461.839
71.0	1488.009	1482.489	1450.390	1431.375	1415.224
71.5	1437.918	1432.398	1402.139	1382.716	1366.155
72.0	1387.418	1381.080	1352.865	1333.442	1317.291
72.5	1336.918	1330.171	1303.183	1284.374	1268.222
73.0	1286.009	1279.671	1254.115	1235.918	1219.562
73.5	1235.509	1229.376	1204.841	1187.054	1170.902
74.0	1184.396	1179.489	1155.568	1138.190	1122.856
74.5	1133.896	1129.398	1106.908	1090.143	1075.014
75.0	1083.601	1079.512	1058.453	1042.506	1027.785
75.5	1034.941	1030.443	1010.407	995.073	981.170
76.0	986.486	981.783	962.769	947.844	934.350
76.5	938.030	933.532	915.540	901.024	887.939
77.0	889.575	885.895	868.721	854.614	842.142
77.5	841.120	838.666	822.105	808.816	796.753
78.0	794.095	792.051	776.308	763.836	752.387
78.5	747.685	745.640	731.124	719.470	708.430
79.0	702.296	700.047	686.553	675.922	665.494
79.5	657.725	655.272	642.596	632.782	622.764
80.0	613.359	610.906	599.661	590.665	580.851
80.5	569.606	567.562	557.543	548.956	540.165
81.0	526.671	525.035	516.448	508.883	500.092
81.5	484.758	483.327	476.580	469.629	461.450
82.0	444.072	443.050	437.529	431.396	423.627
82.5	404.612	403.999	399.706	394.390	386.825

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83.0	365.971	366.175	363.109	358.406	351.250
83.5	328.760	329.374	327.738	323.854	317.107
84.0	293.186	294.412	294.003	290.937	284.803
84.5	259.042	260.882	261.700	259.042	253.726
85.0	226.125	228.987	231.032	229.192	224.285
85.5	194.844	198.933	202.000	200.773	196.275
86.0	165.198	169.900	174.194	173.989	170.105
86.5	136.984	142.708	148.024	148.637	144.957
87.0	110.609	116.947	123.490	124.921	121.854
87.5	86.075	92.617	99.978	102.226	99.364
88.0	63.380	70.127	77.283	80.146	76.874
88.5	42.117	48.864	55.202	57.247	53.362
89.0	22.694	29.237	34.757	38.437	37.006
89.5	8.383	14.721	21.468	24.534	23.308
90.0	2.453	4.702	7.565	8.383	7.156
90.5	8.996	13.085	11.654	8.791	4.702
91.0	9.609	12.676	11.449	8.383	4.907
91.5	10.632	13.698	12.267	9.200	5.520
92.0	11.654	15.130	13.289	10.018	6.542
92.5	12.881	16.561	14.721	11.449	7.769
93.0	14.516	17.992	16.561	13.289	9.609
93.5	16.561	19.832	18.605	15.334	11.858
94.0	18.401	21.876	20.854	17.583	14.312
94.5	20.650	24.125	23.103	20.241	16.970
95.0	23.308	26.783	25.761	22.899	19.832
95.5	26.579	29.850	28.828	25.761	22.899
96.0	30.055	33.121	31.690	28.828	25.966
96.5	33.530	36.597	34.961	32.099	29.032
97.0	37.415	40.277	38.233	35.370	32.508
97.5	41.504	43.957	41.708	39.051	36.188
98.0	45.797	48.046	45.389	42.731	39.868
98.5	50.091	52.136	49.273	46.411	43.753
99.0	54.589	56.225	53.158	50.295	47.638
99.5	59.291	60.518	57.247	54.384	51.727
100.0	63.994	65.016	61.336	58.474	55.816
100.5	69.105	69.718	65.834	62.563	60.109
101.0	74.012	74.216	70.127	66.856	64.403
101.5	79.123	79.123	74.625	71.354	68.696
102.0	84.439	84.030	79.328	75.648	73.194
102.5	89.550	88.937	84.030	80.146	77.692
103.0	94.866	94.048	88.733	84.848	82.395
103.5	100.386	99.160	93.639	89.346	86.893
104.0	105.702	104.475	98.342	94.253	91.595
104.5	111.427	109.791	103.249	98.955	96.297
105.0	116.947	115.107	108.360	103.658	101.000
105.5	122.672	120.423	113.267	108.565	105.907
106.0	128.396	125.943	118.378	113.267	110.609
106.5	134.121	131.463	123.490	118.174	115.516
107.0	139.846	136.984	128.601	123.081	120.423
107.5	145.571	142.504	133.508	127.988	125.330
108.0	151.500	148.228	138.619	132.894	130.441
108.5	157.224	153.749	143.730	138.006	135.348
109.0	163.153	159.473	148.842	142.913	140.255
109.5	168.878	165.198	153.953	147.820	145.162
110.0	174.807	171.127	159.064	152.931	150.273
110.5	180.532	176.852	164.176	157.838	155.384

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-8-L27-835-DMA-10U-90D-DIM-UNV_.IES****CANDELA TABULATION - (Cont.)**

111.0	186.257	182.577	169.287	162.949	160.291
111.5	191.981	188.301	174.603	168.060	165.402
112.0	197.910	194.026	179.714	172.967	170.309
112.5	203.635	199.955	184.826	178.079	175.421
113.0	209.360	205.680	190.141	183.190	180.532
113.5	215.289	211.404	195.253	188.097	185.439
114.0	221.014	217.129	200.364	193.208	190.346
114.5	226.738	222.854	205.475	198.115	195.457
115.0	232.668	228.578	210.791	203.022	200.364
115.5	238.188	234.303	215.902	207.929	205.475
116.0	244.117	240.028	221.218	213.040	210.587
116.5	249.842	245.752	226.534	217.742	215.289
117.0	255.566	251.682	231.850	222.854	220.196
117.5	261.291	257.406	236.961	227.965	224.898
118.0	267.016	263.131	242.072	232.872	229.601
118.5	272.740	268.856	247.388	238.188	234.508
119.0	278.465	274.785	252.499	243.095	239.414
119.5	283.985	280.510	257.815	248.001	244.526
120.0	289.710	286.234	263.131	253.113	249.433
120.5	295.230	291.959	268.242	258.224	254.544
121.0	300.955	297.888	273.558	263.335	259.655
121.5	306.475	303.613	278.874	268.447	264.562
122.0	311.995	309.542	284.190	273.558	269.469
122.5	317.311	315.267	289.301	278.874	274.785
123.0	322.831	321.196	294.617	283.781	279.896
123.5	328.147	326.920	299.933	288.688	285.212
124.0	333.258	332.441	305.248	293.594	290.323
124.5	338.370	338.165	310.564	298.297	295.639
125.0	343.685	343.685	315.880	303.204	300.750
125.5	348.797	349.206	321.196	308.111	305.657
126.0	354.113	354.726	326.307	313.222	310.360
126.5	359.428	360.451	331.623	317.924	315.267
127.0	364.335	365.971	336.939	322.627	319.764
127.5	369.447	371.491	342.254	327.534	324.467
128.0	374.353	377.011	347.570	332.236	329.169
128.5	379.260	382.532	352.886	337.143	334.076
129.0	384.167	388.052	358.202	342.050	338.779
129.5	388.870	393.572	363.313	346.752	343.277
130.0	393.776	399.092	368.629	351.659	348.183
130.5	398.479	404.612	373.740	356.566	352.886
131.0	402.977	409.928	378.851	361.473	357.588
131.5	407.679	415.448	384.167	366.380	362.291
132.0	412.382	420.560	389.278	371.082	366.993
132.5	416.880	426.080	394.594	375.989	371.900
133.0	421.173	431.191	399.706	381.100	376.807
133.5	425.262	436.507	405.021	385.803	381.918
134.0	429.760	441.618	410.337	390.914	386.621
134.5	434.054	446.934	415.653	395.821	391.527
135.0	438.347	452.046	420.969	400.728	396.230
135.5	442.436	457.157	426.284	405.839	401.137
136.0	446.525	462.064	431.805	410.951	405.839
136.5	450.410	466.971	437.120	415.653	410.746
137.0	454.295	471.878	442.436	420.764	415.448
137.5	458.179	476.784	448.161	425.876	420.355
138.0	462.064	481.487	453.681	430.987	425.262
138.5	465.744	485.985	458.997	436.098	430.374

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-8-L27-835-DMA-10U-90D-DIM-UNV_.IES****CANDELA TABULATION - (Cont.)**

139.0	469.629	490.483	464.517	441.210	435.280
139.5	473.513	494.776	469.833	446.321	440.187
140.0	477.193	499.274	475.353	451.432	445.299
140.5	481.078	503.568	480.873	456.748	450.205
141.0	484.758	507.657	486.189	462.064	454.908
141.5	488.438	511.950	491.505	467.380	460.019
142.0	491.709	516.039	496.821	472.695	465.131
142.5	495.185	520.128	502.137	478.011	470.242
143.0	498.661	524.013	507.452	483.327	475.353
143.5	501.932	527.693	512.564	488.847	480.669
144.0	505.203	531.578	517.675	493.958	485.985
144.5	508.475	535.258	522.786	499.479	491.505
145.0	511.541	538.734	527.693	504.794	496.821
145.5	514.608	542.209	532.396	510.315	502.137
146.0	517.471	545.481	537.302	515.835	507.657
146.5	520.333	548.752	541.800	520.946	512.973
147.0	523.195	552.228	546.503	526.466	518.288
147.5	526.262	555.703	551.001	531.578	523.809
148.0	529.124	559.179	555.294	536.894	529.124
148.5	531.987	562.450	559.588	542.005	534.440
149.0	534.645	565.517	563.677	547.116	539.551
149.5	537.098	568.584	567.970	552.023	544.663
150.0	539.756	571.037	572.059	556.725	549.774
150.5	542.414	573.900	576.353	561.632	554.885
151.0	545.072	576.353	580.442	566.335	559.588
151.5	547.525	578.806	584.327	570.833	564.290
152.0	549.774	581.464	588.007	575.331	568.993
152.5	552.023	584.327	591.891	579.624	573.286
153.0	554.477	587.189	595.572	583.713	577.580
153.5	556.725	589.642	599.252	588.007	581.669
154.0	558.974	592.096	602.727	592.096	585.962
154.5	561.019	594.549	606.203	596.185	589.847
155.0	563.064	596.594	609.065	599.865	593.731
155.5	564.904	598.229	611.928	603.545	597.412
156.0	567.153	600.070	614.790	607.225	601.296
156.5	568.993	601.910	617.448	610.701	604.772
157.0	571.037	603.545	620.106	614.381	608.452
157.5	572.877	605.385	622.559	617.857	611.928
158.0	574.513	606.612	624.808	621.333	615.199
158.5	576.353	607.839	626.853	624.604	618.266
159.0	577.989	609.065	628.693	627.875	621.537
159.5	579.420	610.088	630.329	630.942	624.808
160.0	581.055	611.314	631.760	633.804	627.875
160.5	582.487	612.337	633.395	636.258	630.942
161.0	583.713	613.155	634.622	638.916	633.804
161.5	585.144	614.177	635.849	641.369	636.462
162.0	586.371	614.995	636.667	643.618	639.120
162.5	587.598	615.608	637.076	645.867	641.573
163.0	588.825	616.221	637.484	647.707	644.027
163.5	590.051	616.835	637.689	649.138	646.276
164.0	591.074	617.039	638.098	650.365	648.525
164.5	592.300	617.448	638.302	651.592	650.365
165.0	593.323	617.652	638.507	652.614	651.387
165.5	594.140	617.857	638.711	653.432	652.409
166.0	595.163	617.857	638.711	653.841	653.432
166.5	595.980	617.857	638.098	653.636	654.658

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

167.0	596.798	617.857	637.689	653.227	655.476
167.5	597.616	617.857	637.280	653.023	655.476
168.0	598.434	617.652	636.667	653.023	655.067
168.5	599.252	617.244	635.849	652.614	655.272
169.0	599.661	616.835	635.440	652.001	655.681
169.5	600.478	616.426	634.622	650.774	655.476
170.0	601.092	615.812	633.600	649.547	655.067
170.5	601.705	615.404	632.782	648.116	654.250
171.0	602.319	614.995	631.555	646.889	652.818
171.5	602.727	614.586	630.329	645.458	651.796
172.0	603.136	613.972	628.897	644.027	650.774
172.5	603.545	613.768	627.262	642.187	649.138
173.0	603.954	613.359	625.422	640.347	647.094
173.5	604.363	612.950	623.582	637.893	644.436
174.0	604.772	612.541	621.742	635.440	641.165
174.5	605.181	612.132	619.901	632.578	637.484
175.0	605.385	611.928	618.266	629.511	633.191
175.5	605.794	611.519	616.630	626.648	628.488
176.0	605.999	611.314	614.790	623.786	623.786
176.5	606.408	610.906	613.359	621.128	619.288
177.0	606.612	610.906	612.132	618.675	615.608
177.5	606.612	610.701	611.110	616.630	612.746
178.0	606.816	610.497	610.292	614.790	610.497
178.5	606.816	610.292	609.679	613.359	608.657
179.0	606.816	610.292	609.270	612.337	607.634
179.5	606.816	610.292	608.861	611.519	607.225
180.0	609.270	609.270	609.270	609.270	609.270

IES INDOOR REPORT
PHOTOMETRIC FILENAME : SDI5-8-L27-835-DMA-10U-90D-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	2347.08	N.A.	12.30
0-30	4932.78	N.A.	25.90
0-40	7978.41	N.A.	42.00
0-60	13775.97	N.A.	72.50
0-80	16925.16	N.A.	89.00
0-90	17200.69	N.A.	90.50
10-90	16589.18	N.A.	87.30
20-40	5631.33	N.A.	29.60
20-50	8709.73	N.A.	45.80
40-70	7824.1	N.A.	41.20
60-80	3149.19	N.A.	16.60
70-80	1122.65	N.A.	5.90
80-90	275.53	N.A.	1.40
90-110	146.14	N.A.	0.80
90-120	358.54	N.A.	1.90
90-130	645.49	N.A.	3.40
90-150	1295.92	N.A.	6.80
90-180	1808.21	N.A.	9.50
110-180	1662.08	N.A.	8.70
0-180	19008.91	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	611.52
10-20	1735.56
20-30	2585.7
30-40	3045.63
40-50	3078.4
50-60	2719.16
60-70	2026.54
70-80	1122.65
80-90	275.53
90-100	30.43
100-110	115.70
110-120	212.41
120-130	286.94
130-140	326.14
140-150	324.29
150-160	274.16
160-170	178.55
170-180	59.59

IES INDOOR REPORT
 PHOTOMETRIC FILENAME : SDI5-8-L27-835-DMA-10U-90D-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	117	117	117	117	113	113	113	113	106	106	106	99	99	99	93	93	93	90
1	107	102	98	94	103	99	95	92	93	90	87	88	85	83	83	81	79	76
2	97	89	83	77	94	87	81	75	82	77	72	77	73	69	73	69	66	64
3	89	79	71	64	86	76	69	63	72	66	61	68	63	59	64	60	56	54
4	81	70	61	55	78	68	60	54	64	57	52	61	55	50	57	53	49	46
5	75	62	53	47	72	61	52	46	57	50	45	54	48	44	52	46	42	40
6	69	56	47	41	67	55	46	41	52	45	39	49	43	38	47	42	37	35
7	64	51	42	36	62	50	42	36	47	40	35	45	39	34	43	37	33	31
8	60	46	38	32	58	45	37	32	43	36	31	41	35	30	39	34	30	28
9	56	43	35	29	54	42	34	29	40	33	28	38	32	27	36	31	27	25
10	52	39	32	26	50	38	31	26	37	30	26	35	29	25	34	28	24	23

IES INDOOR REPORT

PHOTOMETRIC FILENAME : SDI5-8-L27-835-DMA-10U-90D-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

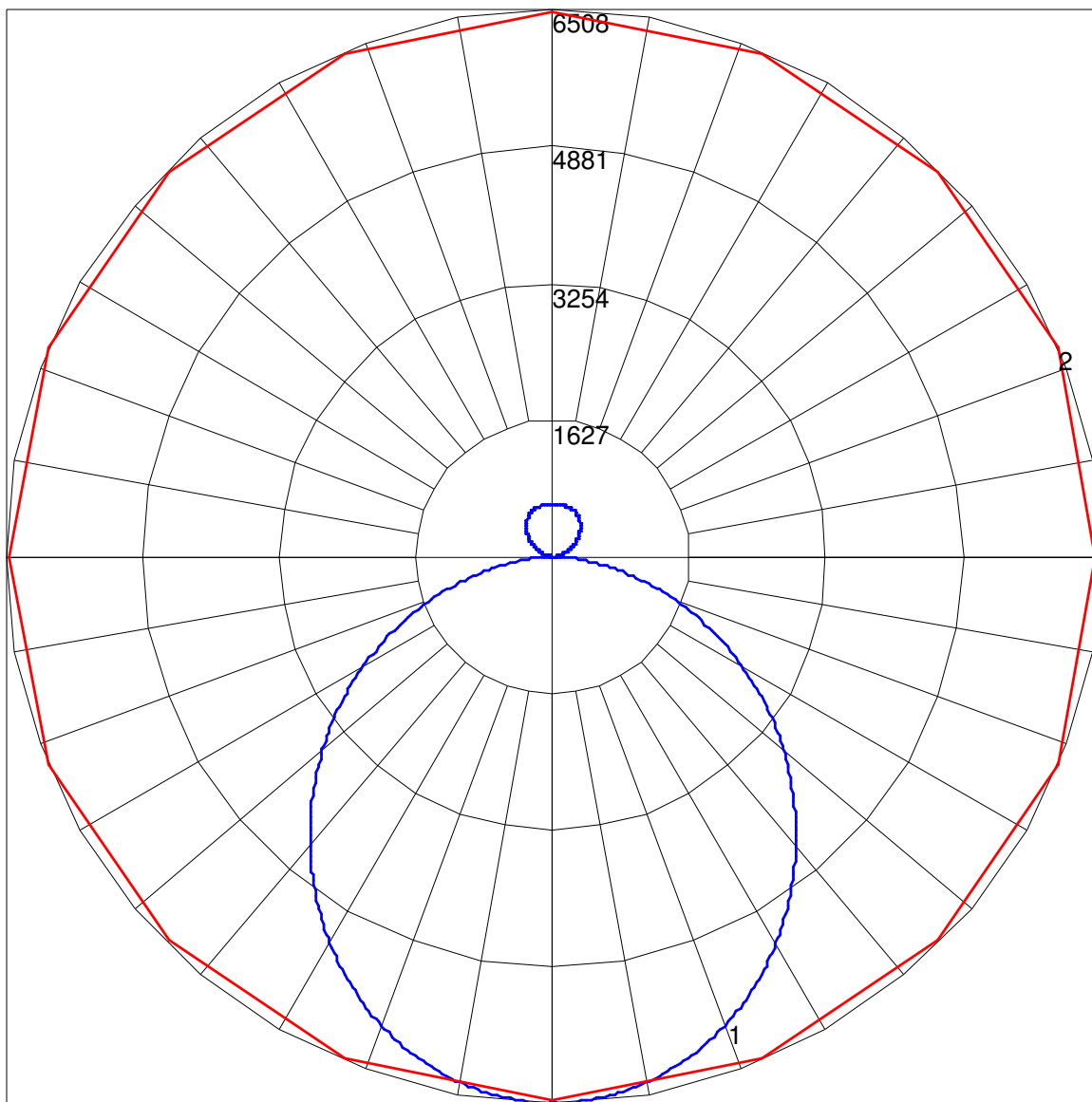
X=2H	Y=2H	20.0	21.4	20.5	21.9	22.5	20.7	22.1	21.2	22.6	23.1
	3H	21.5	22.7	22.0	23.3	23.9	22.4	23.6	22.9	24.1	24.7
	4H	21.9	23.1	22.5	23.7	24.3	23.0	24.1	23.5	24.7	25.3
	6H	22.2	23.3	22.7	23.8	24.5	23.4	24.4	23.9	25.0	25.6
	8H	22.2	23.3	22.8	23.8	24.5	23.4	24.5	24.0	25.1	25.7
	12H	22.2	23.2	22.8	23.8	24.5	23.5	24.5	24.1	25.1	25.7

UGR Viewed Endwise

4H	2H	20.6	21.8	21.1	22.3	22.9	21.1	22.3	21.6	22.8	23.4
	3H	22.2	23.2	22.8	23.8	24.4	23.0	24.0	23.6	24.6	25.2
	4H	22.8	23.7	23.4	24.3	24.9	23.7	24.6	24.3	25.2	25.8
	6H	23.1	23.9	23.7	24.5	25.2	24.2	24.9	24.8	25.6	26.2
	8H	23.2	23.9	23.8	24.5	25.2	24.3	25.0	24.9	25.6	26.3
	12H	23.2	23.9	23.8	24.5	25.2	24.4	25.0	25.0	25.7	26.4
8H	4H	23.0	23.7	23.6	24.3	25.0	23.8	24.5	24.4	25.2	25.8
	6H	23.4	24.0	24.1	24.7	25.4	24.4	25.0	25.0	25.6	26.3
	8H	23.5	24.0	24.2	24.7	25.4	24.5	25.1	25.2	25.7	26.4
	12H	23.6	24.0	24.2	24.7	25.5	24.7	25.1	25.3	25.8	26.6
12H	4H	23.0	23.7	23.7	24.3	25.0	23.8	24.5	24.4	25.1	25.8
	6H	23.4	24.0	24.1	24.6	25.4	24.4	24.9	25.0	25.5	26.3
	8H	23.6	24.0	24.2	24.7	25.5	24.6	25.0	25.2	25.7	26.5

Maximum UGR = 26.6

POLAR GRAPH



Maximum Candela = 6507.739 Located At Horizontal Angle = 22.5, Vertical Angle = .5
1 - Vertical Plane Through Horizontal Angles (22.5 - 202.5) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (.5) (Through Max. Cd.)