

## IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-8-L200-850-DIM-UNV\_.IES

### DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002  
[TEST] GEN FROM 4792061012.01  
[TESTLAB] UL, LLC  
[ISSUE DATE] 2025-12-23  
[TEST DATE] 12/12/2025  
[MANUFAC] WILLIAMS INDOOR  
[OTHER] H.E. WILLIAMS, INC. - CARTHAGE, MO.  
[LUMCAT] 75W-8-L200-850-DIM-UNV  
[LUMINAIRE] 75W WIDE LENS LED STRIP LUMINAIRE  
[LAMP] LED  
[BALLAST] 0-10V DIMMING DRIVER

### CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	20438
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	150
Total Luminaire Watts	136.5
Ballast Factor	1.00
CIE Type	Semi-Direct
Spacing Criterion (0-180)	1.20
Spacing Criterion (90-270)	1.22
Spacing Criterion (Diagonal)	1.30
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	7.44 ft
Luminous Width (90-270)	0.33 ft
Luminous Height	0.08 ft

### LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	22607	20161	19830
55	19667	17299	17409
65	16658	14864	15515
75	13578	13053	14502
85	10663	12987	15322

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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	6614.649	6614.649	6614.649	6614.649	6614.649
0.5	6583.280	6608.375	6612.558	6610.467	6654.383
1.0	6583.280	6610.467	6610.467	6608.375	6652.292
1.5	6577.007	6610.467	6608.375	6606.284	6654.383
2.0	6574.915	6604.193	6608.375	6604.193	6648.109
2.5	6574.915	6604.193	6602.102	6602.102	6643.927
3.0	6568.642	6597.919	6597.919	6597.919	6639.744
3.5	6564.459	6591.645	6591.645	6593.737	6635.562
4.0	6560.276	6587.463	6587.463	6585.372	6631.379
4.5	6549.820	6581.189	6583.280	6581.189	6625.105
5.0	6543.546	6574.915	6574.915	6574.915	6618.832
5.5	6535.181	6566.550	6566.550	6568.642	6610.467
6.0	6530.999	6556.094	6558.185	6558.185	6602.102
6.5	6516.360	6547.729	6549.820	6549.820	6591.645
7.0	6507.995	6537.273	6539.364	6537.273	6583.280
7.5	6499.630	6524.725	6528.908	6528.908	6572.824
8.0	6489.174	6516.360	6516.360	6516.360	6558.185
8.5	6478.717	6501.721	6505.904	6505.904	6545.638
9.0	6461.987	6491.265	6493.356	6491.265	6530.999
9.5	6451.531	6476.626	6476.626	6476.626	6522.634
10.0	6434.801	6459.896	6459.896	6464.079	6505.904
10.5	6420.162	6445.257	6447.349	6447.349	6491.265
11.0	6405.523	6430.619	6432.710	6430.619	6474.535
11.5	6386.702	6413.888	6418.071	6413.888	6459.896
12.0	6369.972	6395.067	6399.250	6399.250	6441.075
12.5	6353.242	6376.246	6382.520	6378.337	6424.345
13.0	6334.421	6359.516	6363.698	6361.607	6405.523
13.5	6315.599	6338.603	6342.786	6342.786	6388.793
14.0	6292.595	6317.691	6321.873	6321.873	6365.790
14.5	6273.774	6296.778	6300.961	6300.961	6349.059
15.0	6254.953	6275.865	6277.957	6277.957	6323.964
15.5	6231.949	6250.770	6257.044	6257.044	6298.869
16.0	6206.854	6227.766	6234.040	6234.040	6277.957
16.5	6185.941	6202.671	6208.945	6211.036	6254.953
17.0	6156.664	6175.485	6183.850	6185.941	6229.858
17.5	6131.569	6150.390	6158.755	6160.846	6204.763
18.0	6108.565	6125.295	6131.569	6137.842	6181.759
18.5	6081.378	6100.200	6106.474	6110.656	6154.572
19.0	6054.192	6068.831	6079.287	6083.470	6125.295
19.5	6022.823	6043.736	6052.101	6060.466	6098.108
20.0	5989.363	6012.367	6022.823	6029.097	6068.831
20.5	5955.903	5985.181	5993.546	6001.911	6041.645
21.0	5928.717	5951.720	5957.994	5974.724	6012.367
21.5	5897.348	5920.352	5930.808	5939.173	5980.998
22.0	5863.888	5891.074	5901.530	5909.895	5953.812
22.5	5834.610	5853.431	5868.070	5880.618	5922.443
23.0	5799.059	5819.971	5834.610	5847.158	5888.983
23.5	5761.416	5784.420	5803.241	5815.789	5857.614
24.0	5723.773	5748.868	5767.690	5782.329	5824.154
24.5	5692.404	5713.317	5734.230	5746.777	5786.511
25.0	5656.853	5677.766	5700.769	5713.317	5753.051
25.5	5617.119	5642.214	5661.036	5679.857	5713.317
26.0	5579.476	5602.480	5627.575	5644.305	5681.948
26.5	5539.743	5562.746	5592.024	5606.663	5646.397

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**CANDELA TABULATION - (Cont.)**

27.0	5500.009	5520.921	5556.473	5575.294	5610.845
27.5	5454.001	5481.187	5516.739	5533.469	5575.294
28.0	5420.541	5441.453	5477.005	5495.826	5535.560
28.5	5376.624	5401.720	5437.271	5456.092	5495.826
29.0	5334.799	5359.894	5395.446	5418.450	5458.184
29.5	5290.883	5315.978	5353.621	5376.624	5416.358
30.0	5246.966	5274.153	5311.795	5341.073	5380.807
30.5	5200.959	5228.145	5272.062	5301.339	5338.982
31.0	5157.042	5184.229	5228.145	5259.514	5295.065
31.5	5111.035	5142.404	5186.320	5219.780	5257.423
32.0	5067.118	5094.305	5144.495	5175.864	5213.506
32.5	5019.019	5048.297	5100.578	5134.039	5171.681
33.0	4973.012	5004.381	5052.479	5092.213	5129.856
33.5	4929.095	4958.373	5010.654	5046.206	5085.940
34.0	4876.814	4910.274	4964.647	5004.381	5046.206
34.5	4828.715	4864.266	4920.730	4958.373	5000.198
35.0	4784.798	4814.076	4876.814	4916.548	4956.282
35.5	4728.334	4768.068	4828.715	4870.540	4910.274
36.0	4684.418	4717.878	4782.707	4824.532	4866.357
36.5	4630.045	4667.688	4734.608	4780.616	4824.532
37.0	4579.855	4619.589	4686.509	4732.517	4780.616
37.5	4527.574	4567.308	4640.502	4690.692	4732.517
38.0	4475.292	4517.117	4590.311	4642.593	4682.327
38.5	4420.920	4464.836	4542.212	4598.676	4636.319
39.0	4372.821	4412.554	4492.022	4550.578	4598.676
39.5	4318.448	4364.456	4443.923	4502.479	4548.486
40.0	4259.893	4310.083	4393.733	4458.562	4500.387
40.5	4205.520	4257.801	4345.634	4412.554	4454.380
41.0	4155.330	4205.520	4295.444	4364.456	4406.281
41.5	4100.957	4153.238	4245.254	4316.357	4360.273
42.0	4046.584	4100.957	4195.064	4270.349	4314.265
42.5	3994.303	4046.584	4142.782	4222.250	4266.166
43.0	3935.748	3994.303	4094.683	4176.242	4220.159
43.5	3885.557	3939.930	4042.402	4128.143	4174.151
44.0	3829.093	3885.557	3990.120	4082.136	4126.052
44.5	3776.812	3833.276	3937.839	4031.946	4077.953
45.0	3722.439	3778.903	3887.649	3988.029	4034.037
45.5	3668.067	3726.622	3837.459	3942.021	3988.029
46.0	3613.694	3672.249	3783.086	3891.831	3939.930
46.5	3559.321	3617.876	3737.078	3850.006	3893.922
47.0	3502.857	3565.595	3684.797	3799.816	3847.915
47.5	3448.485	3511.222	3632.515	3751.717	3799.816
48.0	3396.203	3456.850	3580.234	3707.801	3751.717
48.5	3337.648	3404.568	3532.135	3657.610	3705.709
49.0	3285.366	3348.104	3477.762	3609.511	3657.610
49.5	3230.994	3295.823	3427.572	3563.504	3611.603
50.0	3174.530	3241.450	3377.382	3513.314	3563.504
50.5	3122.248	3189.169	3325.100	3471.488	3519.587
51.0	3067.876	3134.796	3279.093	3423.389	3473.580
51.5	3015.594	3080.423	3226.811	3377.382	3427.572
52.0	2959.130	3028.142	3176.621	3329.283	3381.564
52.5	2904.757	2973.769	3128.522	3281.184	3337.648
53.0	2848.293	2921.487	3078.332	3239.359	3289.549
53.5	2793.921	2869.206	3030.233	3191.260	3245.632
54.0	2741.639	2816.925	2982.134	3145.252	3201.716
54.5	2691.449	2762.552	2934.035	3103.427	3157.800

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55.0	2639.168	2712.362	2885.936	3055.328	3118.066
55.5	2595.251	2660.080	2837.837	3011.412	3069.967
56.0	2545.061	2614.073	2791.829	2967.495	3026.050
56.5	2492.780	2565.974	2743.731	2923.579	2984.225
57.0	2442.589	2517.875	2697.723	2879.662	2940.309
57.5	2390.308	2467.684	2657.989	2837.837	2892.210
58.0	2338.026	2417.494	2611.981	2791.829	2856.658
58.5	2287.836	2367.304	2565.974	2752.096	2814.833
59.0	2237.646	2317.114	2522.057	2716.544	2770.917
59.5	2187.456	2269.015	2482.323	2672.628	2737.457
60.0	2137.266	2218.825	2438.407	2630.803	2695.632
60.5	2088.121	2170.726	2394.490	2591.069	2653.806
61.0	2038.767	2122.627	2350.574	2551.335	2614.073
61.5	1989.832	2074.946	2306.658	2511.601	2576.430
62.0	1941.733	2027.684	2264.832	2473.958	2536.696
62.5	1894.262	1980.840	2220.916	2436.316	2499.053
63.0	1846.163	1934.205	2179.091	2396.582	2465.593
63.5	1798.482	1888.197	2139.357	2358.939	2427.951
64.0	1752.056	1842.817	2097.532	2319.205	2390.308
64.5	1705.839	1798.482	2057.798	2281.563	2352.665
65.0	1660.041	1753.938	2017.855	2243.920	2317.114
65.5	1614.869	1710.440	1978.330	2206.277	2279.471
66.0	1569.071	1666.942	1939.224	2168.635	2243.920
66.5	1524.318	1624.489	1900.326	2133.083	2208.368
67.0	1480.611	1582.455	1861.638	2095.441	2172.817
67.5	1436.694	1541.048	1823.786	2060.307	2137.266
68.0	1393.405	1500.687	1786.143	2024.756	2103.806
68.5	1350.744	1460.535	1749.337	1990.250	2068.882
69.0	1308.291	1420.801	1712.949	1955.535	2035.840
69.5	1266.466	1381.903	1676.980	1921.866	2003.007
70.0	1224.850	1343.633	1641.638	1888.824	1970.383
70.5	1184.279	1305.782	1606.295	1855.782	1938.178
71.0	1144.127	1268.348	1571.580	1823.159	1906.391
71.5	1104.393	1231.751	1537.702	1791.372	1875.022
72.0	1065.496	1194.945	1503.824	1759.794	1844.490
72.5	1026.389	1159.393	1470.782	1728.843	1814.166
73.0	988.329	1124.051	1437.949	1698.311	1783.634
73.5	951.313	1089.127	1406.162	1667.987	1753.938
74.0	914.716	1055.249	1373.957	1638.710	1724.033
74.5	878.747	1021.161	1343.215	1609.641	1695.801
75.0	842.986	987.910	1312.683	1581.200	1668.406
75.5	807.853	955.496	1282.569	1552.968	1640.592
76.0	773.765	923.709	1253.291	1524.945	1613.406
76.5	739.887	892.340	1224.222	1497.550	1586.219
77.0	706.427	861.180	1195.572	1470.364	1559.869
77.5	673.594	830.857	1167.340	1444.014	1533.729
78.0	641.180	801.161	1139.945	1418.082	1508.006
78.5	609.393	771.883	1112.758	1391.941	1482.493
79.0	578.233	743.442	1086.409	1366.637	1457.398
79.5	547.282	715.210	1060.477	1341.960	1432.303
80.0	516.750	687.397	1034.545	1317.493	1408.462
80.5	487.054	660.419	1009.450	1292.816	1384.204
81.0	458.195	633.860	985.401	1268.975	1360.572
81.5	428.917	607.929	961.351	1245.344	1336.941
82.0	400.685	582.624	937.929	1222.549	1314.147
82.5	373.080	557.739	914.925	1199.755	1291.770

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**CANDELA TABULATION - (Cont.)**

83.0	345.894	533.480	892.340	1177.797	1270.021
83.5	318.917	509.849	870.800	1155.420	1247.435
84.0	292.567	486.845	849.887	1134.298	1225.895
84.5	266.426	464.678	829.393	1113.386	1204.774
85.0	241.331	443.138	809.317	1092.682	1183.652
85.5	216.236	422.643	789.659	1072.606	1163.158
86.0	191.559	402.985	770.419	1052.948	1142.873
86.5	167.092	384.582	752.226	1033.291	1122.587
87.0	143.042	366.807	733.822	1014.678	1102.720
87.5	118.993	350.286	716.465	995.857	1083.690
88.0	95.152	334.183	699.317	977.663	1064.450
88.5	71.103	319.126	682.796	959.678	1045.838
89.0	49.145	304.905	667.111	942.321	1027.435
89.5	31.160	291.730	651.845	925.591	1009.450
90.0	18.612	280.019	637.834	909.697	992.929
90.5	13.175	269.772	624.868	893.804	975.363
91.0	14.011	260.362	611.693	877.701	958.633
91.5	16.730	251.369	598.518	862.435	941.903
92.0	19.867	243.841	585.971	846.960	925.591
92.5	23.213	237.358	575.305	832.112	909.488
93.0	26.559	231.711	564.221	818.100	894.013
93.5	30.114	227.320	553.765	804.298	879.374
94.0	33.878	223.555	543.936	791.332	865.153
94.5	37.434	220.837	534.735	778.157	850.515
95.0	40.989	218.746	526.161	765.191	836.503
95.5	44.335	217.282	518.214	752.853	822.701
96.0	47.053	216.654	511.313	740.933	809.108
96.5	49.772	216.654	504.411	729.849	796.560
97.0	52.281	216.863	498.138	719.184	784.013
97.5	55.000	217.700	492.282	708.936	772.511
98.0	57.300	218.536	487.054	698.898	760.800
98.5	60.019	219.582	482.662	689.279	749.925
99.0	62.738	220.837	478.062	680.286	739.260
99.5	65.666	222.301	474.088	671.712	728.803
100.0	68.175	223.765	470.951	663.765	719.393
100.5	71.103	225.438	467.814	656.028	709.773
101.0	73.612	227.111	465.514	648.708	701.199
101.5	76.122	228.784	463.214	641.807	692.416
102.0	78.422	230.457	461.541	635.324	684.678
102.5	80.723	232.130	459.868	629.260	676.940
103.0	83.023	234.012	458.613	623.195	670.039
103.5	85.532	235.894	457.567	617.967	662.929
104.0	88.251	237.567	456.522	613.157	656.446
104.5	90.970	239.449	455.894	608.556	650.381
105.0	93.479	241.331	455.267	604.374	644.526
105.5	95.780	243.004	454.639	599.982	639.507
106.0	98.498	245.095	454.430	596.218	634.488
106.5	101.008	246.978	454.430	592.663	629.469
107.0	103.517	249.069	454.430	589.317	625.286
107.5	105.818	250.742	454.430	586.807	620.895
108.0	108.745	252.833	454.430	583.879	616.503
108.5	111.464	254.924	454.639	581.788	613.575
109.0	114.183	256.597	455.058	579.069	610.647
109.5	117.110	258.479	455.267	577.187	607.510
110.0	120.038	260.362	455.685	575.096	605.001
110.5	122.966	262.244	456.103	573.214	602.701

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**CANDELA TABULATION - (Cont.)**

111.0	125.894	264.126	456.313	571.541	600.191
111.5	128.821	265.799	456.522	570.286	598.100
112.0	131.958	267.681	456.940	569.031	595.590
112.5	135.095	269.563	457.358	567.567	593.290
113.0	138.441	271.445	457.986	566.522	592.244
113.5	141.578	273.118	457.986	565.476	590.780
114.0	144.924	274.791	458.404	564.640	589.317
114.5	148.061	276.673	458.822	563.594	588.062
115.0	151.407	278.137	459.240	562.967	587.016
115.5	154.753	280.019	459.240	562.339	585.971
116.0	157.890	281.692	459.868	561.503	584.716
116.5	160.818	283.365	460.286	560.666	584.297
117.0	164.164	285.248	460.704	560.666	583.252
117.5	167.301	286.711	461.122	559.830	582.624
118.0	170.019	288.175	461.541	559.412	581.788
118.5	173.156	289.639	461.750	558.784	581.579
119.0	175.875	291.103	462.168	558.157	580.324
119.5	178.803	292.149	462.586	557.529	580.115
120.0	181.521	293.194	462.377	557.111	579.069
120.5	184.240	294.449	462.586	556.275	578.860
121.0	186.958	295.286	463.005	555.647	578.024
121.5	189.886	296.331	462.795	554.811	577.605
122.0	192.605	297.586	462.795	554.393	576.978
122.5	195.324	298.841	463.005	553.556	575.514
123.0	198.042	300.096	462.795	552.720	575.305
123.5	200.552	301.141	462.377	552.092	574.050
124.0	202.643	301.978	462.377	551.465	573.841
124.5	204.734	302.814	462.377	550.419	573.005
125.0	206.825	303.860	461.959	549.373	572.168
125.5	208.917	304.487	461.541	548.746	571.123
126.0	210.799	305.324	461.332	547.491	570.286
126.5	212.472	306.369	460.913	546.655	569.659
127.0	214.354	306.788	460.495	545.609	568.822
127.5	215.818	307.415	459.868	544.564	567.358
128.0	217.700	307.415	459.659	543.309	566.522
128.5	219.164	307.833	458.822	542.263	565.685
129.0	220.628	308.251	457.986	541.218	564.640
129.5	221.882	308.879	456.522	539.545	563.385
130.0	222.928	309.297	455.058	538.499	562.130
130.5	223.974	309.715	453.385	537.244	560.666
131.0	224.601	310.343	451.712	535.362	559.202
131.5	225.438	310.970	450.039	533.689	557.739
132.0	226.274	311.597	448.157	532.643	556.484
132.5	226.692	311.807	446.065	530.552	554.602
133.0	227.320	312.016	445.229	528.670	552.301
133.5	227.529	311.807	443.974	527.206	551.256
134.0	227.738	311.388	443.138	525.533	549.792
134.5	228.365	310.552	442.092	523.651	547.073
135.0	228.993	309.924	440.837	521.142	544.982
135.5	228.784	308.251	439.792	519.468	543.309
136.0	229.202	308.042	438.328	517.377	541.218
136.5	229.620	307.415	437.282	515.077	539.126
137.0	229.829	306.369	435.609	513.195	536.826
137.5	230.038	305.324	434.145	510.685	534.735
138.0	230.457	304.696	432.054	508.594	532.225
138.5	230.457	303.860	429.335	506.294	530.343

**IES INDOOR REPORT**  
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**CANDELA TABULATION - (Cont.)**

139.0	230.248	303.232	426.198	503.575	527.415
139.5	230.248	302.396	422.434	500.647	525.324
140.0	230.248	301.350	418.252	497.929	522.396
140.5	230.248	300.723	414.487	494.583	519.259
141.0	230.248	300.305	410.305	491.027	516.750
141.5	230.248	299.468	406.122	487.891	514.240
142.0	230.038	299.050	402.149	483.917	511.522
142.5	229.829	298.423	397.966	480.362	508.385
143.0	229.620	297.795	393.993	477.016	505.248
143.5	229.620	296.959	389.392	473.461	502.320
144.0	229.620	295.913	385.419	470.742	498.974
144.5	230.248	295.077	381.445	467.605	496.046
145.0	231.084	294.240	377.054	464.887	492.700
145.5	232.548	293.194	373.080	462.168	489.354
146.0	234.430	292.358	369.316	459.240	486.217
146.5	236.312	291.521	366.179	456.103	482.662
147.0	238.194	290.476	362.624	452.966	479.107
147.5	239.867	290.057	359.906	449.830	475.552
148.0	241.749	289.221	356.978	446.274	471.788
148.5	243.422	289.012	354.677	442.928	468.024
149.0	245.514	289.012	352.168	439.582	464.678
149.5	246.978	289.639	349.867	436.027	460.495
150.0	248.651	290.057	347.567	432.681	456.103
150.5	250.114	290.267	345.058	428.917	451.503
151.0	251.160	290.894	341.712	425.153	446.065
151.5	252.206	291.103	338.156	421.179	441.046
152.0	253.460	291.521	334.810	416.997	436.027
152.5	254.715	291.940	331.674	412.605	430.590
153.0	255.552	292.149	328.328	407.586	426.198
153.5	256.597	292.776	324.772	402.358	421.179
154.0	257.434	292.567	321.635	396.503	416.997
154.5	258.479	292.776	318.917	390.856	412.814
155.0	258.898	293.194	316.198	384.373	409.677
155.5	259.734	293.404	313.480	378.309	406.331
156.0	260.362	293.404	311.597	371.826	403.404
156.5	261.407	293.404	309.715	365.343	399.639
157.0	261.826	293.822	307.833	359.487	396.084
157.5	262.453	293.822	306.578	353.841	392.111
158.0	263.289	293.613	305.951	347.985	388.347
158.5	263.499	293.613	305.115	343.175	383.955
159.0	264.544	292.985	304.487	338.575	380.191
159.5	265.381	292.567	303.442	334.183	376.008
160.0	266.426	292.149	302.396	330.628	371.826
160.5	267.681	291.940	301.559	327.282	367.852
161.0	268.518	291.312	301.350	323.727	363.879
161.5	269.772	291.103	300.932	320.172	360.951
162.0	270.818	290.685	301.559	317.244	358.442
162.5	271.864	290.685	301.978	314.107	355.514
163.0	273.118	290.476	302.187	310.761	353.004
163.5	274.164	290.476	302.605	307.206	349.867
164.0	274.582	290.476	303.023	302.814	346.940
164.5	275.210	290.057	302.605	299.468	343.175
165.0	275.837	290.057	301.978	296.122	339.411
165.5	276.464	289.848	301.350	293.822	335.438
166.0	277.092	289.639	300.932	291.312	329.373
166.5	277.719	289.639	300.305	289.221	326.445

**IES INDOOR REPORT**  
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**CANDELA TABULATION - (Cont.)**

167.0	278.556	289.639	299.677	287.339	324.145
167.5	278.974	289.639	298.423	285.666	321.845
168.0	279.601	289.639	297.377	283.993	319.962
168.5	280.856	288.803	295.913	282.529	317.662
169.0	281.483	289.012	294.867	281.065	315.362
169.5	282.529	288.384	293.194	279.392	312.852
170.0	282.947	288.175	291.730	277.301	310.552
170.5	283.575	287.757	289.848	275.000	308.042
171.0	283.993	287.339	287.757	272.491	304.905
171.5	284.620	287.339	285.875	270.191	302.396
172.0	285.666	286.921	284.829	267.890	298.632
172.5	286.293	286.921	283.575	265.381	294.449
173.0	287.130	286.502	282.529	263.080	287.339
173.5	288.175	286.711	282.111	260.780	276.673
174.0	289.012	286.711	281.902	258.898	263.499
174.5	289.639	286.711	281.483	257.016	247.814
175.0	290.894	287.339	281.274	255.552	230.038
175.5	291.312	287.548	281.065	254.924	211.426
176.0	292.149	287.966	281.065	254.297	199.297
176.5	292.358	288.175	280.856	254.297	190.723
177.0	293.194	288.594	280.438	253.670	181.939
177.5	293.404	288.594	279.810	253.460	180.057
178.0	294.240	289.012	279.601	253.251	180.476
178.5	294.658	289.221	279.810	252.833	180.894
179.0	295.077	289.221	279.601	252.206	181.103
179.5	295.495	289.221	279.392	251.997	181.312
180.0	264.962	264.962	264.962	264.962	264.962



**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-8-L200-850-DIM-UNV\_.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	2394.23	N.A.	11.70
0-30	5016.72	N.A.	24.50
0-40	8058.66	N.A.	39.40
0-60	13638.23	N.A.	66.70
0-80	16990.8	N.A.	83.10
0-90	17833.97	N.A.	87.30
10-90	17209.78	N.A.	84.20
20-40	5664.43	N.A.	27.70
20-50	8660.00	N.A.	42.40
40-70	7567.1	N.A.	37.00
60-80	3352.57	N.A.	16.40
70-80	1365.04	N.A.	6.70
80-90	843.16	N.A.	4.10
90-110	984.82	N.A.	4.80
90-120	1399.42	N.A.	6.80
90-130	1781.00	N.A.	8.70
90-150	2338.12	N.A.	11.40
90-180	2604.45	N.A.	12.70
110-180	1619.63	N.A.	7.90
0-180	20438.42	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	624.18
10-20	1770.04
20-30	2622.49
30-40	3041.94
40-50	2995.57
50-60	2584.01
60-70	1987.53
70-80	1365.04
80-90	843.16
90-100	540.22
100-110	444.60
110-120	414.60
120-130	381.57
130-140	320.65
140-150	236.47
150-160	154.61
160-170	85.19
170-180	26.54

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-8-L200-850-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	116	116	116	116	112	112	112	112	104	104	104	97	97	97	90	90	90	87
1	105	100	95	91	101	96	92	89	90	86	83	84	81	79	78	76	74	71
2	95	87	80	74	92	84	78	72	78	73	69	73	69	65	68	65	62	59
3	87	76	68	62	83	74	66	60	69	63	58	65	60	55	61	56	53	50
4	80	68	59	52	76	66	58	51	62	55	49	58	52	47	54	49	45	43
5	73	61	52	45	70	59	51	44	55	48	43	52	46	41	49	44	40	37
6	68	55	46	40	65	53	45	39	50	43	38	47	41	36	44	39	35	33
7	63	50	41	35	60	48	40	34	46	38	33	43	37	32	41	35	31	29
8	59	45	37	31	56	44	36	31	42	35	30	40	33	29	37	32	28	26
9	55	42	34	28	53	41	33	28	38	32	27	36	30	26	35	29	25	23
10	51	38	31	25	49	37	30	25	36	29	24	34	28	24	32	27	23	21

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-8-L200-850-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	19.9	21.3	20.4	21.8	22.4	21.6	23.0	22.2	23.5	24.1
	3H	21.3	22.5	21.8	23.1	23.7	23.8	25.1	24.4	25.6	26.3
	4H	21.7	22.9	22.3	23.4	24.1	24.9	26.1	25.5	26.6	27.3
	6H	22.0	23.1	22.6	23.7	24.4	26.0	27.1	26.6	27.7	28.4
	8H	22.1	23.1	22.7	23.7	24.4	26.7	27.7	27.3	28.3	29.0
	12H	22.1	23.1	22.7	23.7	24.4	27.4	28.3	28.0	29.0	29.7

UGR Viewed Endwise

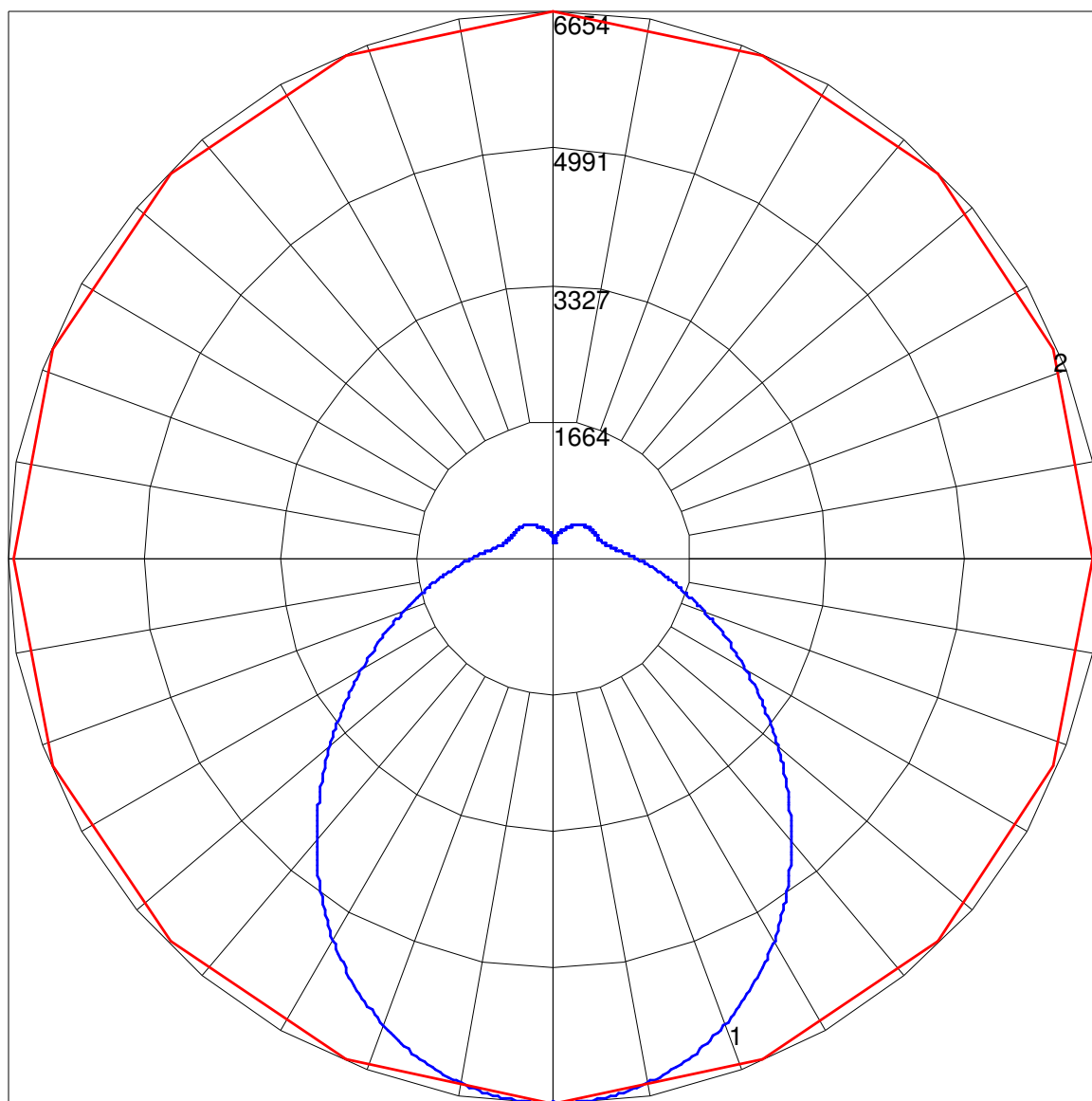
4H	2H	20.6	21.8	21.2	22.4	23.1	22.0	23.2	22.6	23.8	24.4
	3H	22.2	23.2	22.8	23.9	24.5	24.5	25.4	25.1	26.1	26.8
	4H	22.8	23.7	23.4	24.3	25.1	25.7	26.6	26.3	27.2	28.0
	6H	23.2	24.0	23.9	24.7	25.4	27.1	27.8	27.7	28.5	29.2
	8H	23.3	24.1	24.0	24.7	25.5	27.8	28.5	28.4	29.2	29.9
	12H	23.4	24.1	24.1	24.8	25.5	28.6	29.3	29.3	30.0	30.7

8H	4H	23.4	24.1	24.0	24.8	25.5	25.9	26.6	26.6	27.3	28.1
	6H	24.0	24.6	24.6	25.3	26.0	27.4	28.1	28.1	28.8	29.5
	8H	24.2	24.7	24.9	25.4	26.2	28.3	28.9	29.0	29.6	30.3
	12H	24.3	24.8	25.0	25.5	26.3	29.3	29.8	30.0	30.5	31.3

12H	4H	23.6	24.2	24.2	24.9	25.7	25.9	26.6	26.6	27.3	28.0
	6H	24.2	24.8	24.9	25.5	26.3	27.5	28.0	28.2	28.7	29.5
	8H	24.5	25.0	25.2	25.7	26.5	28.4	28.9	29.1	29.6	30.4

Maximum UGR = 31.3

POLAR GRAPH



Maximum Candela = 6654.383 Located At Horizontal Angle = 90, Vertical Angle = .5  
# 1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (.5) (Through Max. Cd.)