

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-3-L64-835-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-3-L64-835-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	6259
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	130
Total Luminaire Watts	48.2
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)	2.80 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	18084	16243	16153
55	15613	13886	14181
65	13062	11869	12638
75	10372	10333	11813
85	7313	10093	12481

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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	2025.705	2025.705	2025.705	2025.705	2025.705
0.5	2016.099	2023.784	2025.065	2024.425	2037.874
1.0	2016.099	2024.425	2024.425	2023.784	2037.233
1.5	2014.178	2024.425	2023.784	2023.144	2037.874
2.0	2013.537	2022.503	2023.784	2022.503	2035.952
2.5	2013.537	2022.503	2021.863	2021.863	2034.672
3.0	2011.616	2020.582	2020.582	2020.582	2033.391
3.5	2010.335	2018.661	2018.661	2019.301	2032.110
4.0	2009.054	2017.380	2017.380	2016.739	2030.829
4.5	2005.852	2015.458	2016.099	2015.458	2028.908
5.0	2003.931	2013.537	2013.537	2013.537	2026.986
5.5	2001.369	2010.975	2010.975	2011.616	2024.425
6.0	2000.088	2007.773	2008.414	2008.414	2021.863
6.5	1995.605	2005.211	2005.852	2005.852	2018.661
7.0	1993.043	2002.009	2002.650	2002.009	2016.099
7.5	1990.481	1998.167	1999.447	1999.447	2012.897
8.0	1987.279	1995.605	1995.605	1995.605	2008.414
8.5	1984.077	1991.122	1992.403	1992.403	2004.571
9.0	1978.953	1987.920	1988.560	1987.920	2000.088
9.5	1975.751	1983.437	1983.437	1983.437	1997.526
10.0	1970.628	1978.313	1978.313	1979.594	1992.403
10.5	1966.145	1973.830	1974.470	1974.470	1987.920
11.0	1961.662	1969.347	1969.987	1969.347	1982.796
11.5	1955.898	1964.223	1965.504	1964.223	1978.313
12.0	1950.774	1958.459	1959.740	1959.740	1972.549
12.5	1945.651	1952.696	1954.617	1953.336	1967.426
13.0	1939.887	1947.572	1948.853	1948.212	1961.662
13.5	1934.123	1941.168	1942.449	1942.449	1956.538
14.0	1927.078	1934.763	1936.044	1936.044	1949.493
14.5	1921.314	1928.359	1929.640	1929.640	1944.370
15.0	1915.550	1921.954	1922.595	1922.595	1936.685
15.5	1908.505	1914.269	1916.191	1916.191	1928.999
16.0	1900.820	1907.224	1909.146	1909.146	1922.595
16.5	1894.416	1899.539	1901.460	1902.101	1915.550
17.0	1885.450	1891.213	1893.775	1894.416	1907.865
17.5	1877.764	1883.528	1886.090	1886.730	1900.180
18.0	1870.719	1875.843	1877.764	1879.686	1893.135
18.5	1862.394	1868.158	1870.079	1871.360	1884.809
19.0	1854.068	1858.551	1861.753	1863.034	1875.843
19.5	1844.461	1850.866	1853.428	1855.989	1867.517
20.0	1834.214	1841.259	1844.461	1846.383	1858.551
20.5	1823.967	1832.934	1835.495	1838.057	1850.225
21.0	1815.642	1822.687	1824.608	1829.731	1841.259
21.5	1806.035	1813.080	1816.282	1818.844	1831.653
22.0	1795.788	1804.114	1807.316	1809.878	1823.327
22.5	1786.822	1792.586	1797.069	1800.912	1813.720
23.0	1775.935	1782.339	1786.822	1790.665	1803.473
23.5	1764.407	1771.452	1777.216	1781.058	1793.867
24.0	1752.879	1760.564	1766.328	1770.811	1783.620
24.5	1743.272	1749.677	1756.081	1759.924	1772.092
25.0	1732.385	1738.789	1745.834	1749.677	1761.845
25.5	1720.217	1727.902	1733.666	1739.430	1749.677
26.0	1708.689	1715.733	1723.419	1728.542	1740.070
26.5	1696.520	1703.565	1712.531	1717.014	1729.183

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27.0	1684.352	1690.756	1701.644	1707.408	1718.295
27.5	1670.262	1678.588	1689.475	1694.599	1707.408
28.0	1660.015	1666.420	1677.307	1683.071	1695.239
28.5	1646.566	1654.251	1665.139	1670.903	1683.071
29.0	1633.757	1641.443	1652.330	1659.375	1671.543
29.5	1620.308	1627.993	1639.521	1646.566	1658.734
30.0	1606.859	1615.185	1626.713	1635.679	1647.847
30.5	1592.769	1601.095	1614.544	1623.510	1635.038
31.0	1579.320	1587.646	1601.095	1610.702	1621.589
31.5	1565.231	1574.837	1588.286	1598.533	1610.061
32.0	1551.781	1560.107	1575.478	1585.084	1596.612
32.5	1537.051	1546.017	1562.028	1572.275	1583.803
33.0	1522.962	1532.568	1547.298	1559.467	1570.994
33.5	1509.512	1518.479	1534.489	1545.377	1557.545
34.0	1493.501	1503.748	1520.400	1532.568	1545.377
34.5	1478.771	1489.659	1506.951	1518.479	1531.287
35.0	1465.322	1474.288	1493.501	1505.670	1517.838
35.5	1448.030	1460.199	1478.771	1491.580	1503.748
36.0	1434.581	1444.828	1464.682	1477.491	1490.299
36.5	1417.930	1429.458	1449.952	1464.041	1477.491
37.0	1402.559	1414.728	1435.222	1449.311	1464.041
37.5	1386.548	1398.717	1421.132	1436.502	1449.311
38.0	1370.537	1383.346	1405.761	1421.772	1433.941
38.5	1353.886	1367.335	1391.031	1408.323	1419.851
39.0	1339.156	1351.324	1375.661	1393.593	1408.323
39.5	1322.505	1336.594	1360.931	1378.863	1392.953
40.0	1304.572	1319.943	1345.560	1365.414	1378.223
40.5	1287.921	1303.932	1330.830	1351.324	1364.133
41.0	1272.550	1287.921	1315.460	1336.594	1349.403
41.5	1255.899	1271.910	1300.089	1321.864	1335.313
42.0	1239.248	1255.899	1284.719	1307.774	1321.224
42.5	1223.237	1239.248	1268.708	1293.044	1306.494
43.0	1205.304	1223.237	1253.978	1278.955	1292.404
43.5	1189.934	1206.585	1237.967	1264.225	1278.314
44.0	1172.642	1189.934	1221.956	1250.135	1263.584
44.5	1156.631	1173.923	1205.945	1234.765	1248.854
45.0	1139.980	1157.272	1190.574	1221.315	1235.405
45.5	1123.328	1141.261	1175.204	1207.226	1221.315
46.0	1106.677	1124.609	1158.552	1191.855	1206.585
46.5	1090.026	1107.958	1144.463	1179.046	1192.496
47.0	1072.734	1091.947	1128.452	1163.676	1178.406
47.5	1056.082	1075.295	1112.441	1148.946	1163.676
48.0	1040.071	1058.644	1096.430	1135.497	1148.946
48.5	1022.139	1042.633	1081.700	1120.126	1134.856
49.0	1006.128	1025.341	1065.048	1105.396	1120.126
49.5	989.477	1009.330	1049.678	1091.306	1106.036
50.0	972.185	992.679	1034.307	1075.936	1091.306
50.5	956.174	976.668	1018.296	1063.127	1077.857
51.0	939.523	960.017	1004.207	1048.397	1063.768
51.5	923.512	943.365	988.196	1034.307	1049.678
52.0	906.220	927.354	972.825	1019.577	1035.588
52.5	889.568	910.703	958.095	1004.847	1022.139
53.0	872.277	894.692	942.725	992.038	1007.409
53.5	855.625	878.681	927.995	977.308	993.960
54.0	839.614	862.670	913.265	963.219	980.511
54.5	824.244	846.019	898.535	950.410	967.061

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55.0	808.233	830.648	883.804	935.680	954.893
55.5	794.784	814.637	869.074	922.231	940.163
56.0	779.413	800.548	854.985	908.782	926.714
56.5	763.402	785.817	840.255	895.332	913.905
57.0	748.032	771.087	826.165	881.883	900.456
57.5	732.021	755.717	813.997	869.074	885.726
58.0	716.010	740.346	799.907	854.985	874.838
58.5	700.639	724.976	785.817	842.816	862.030
59.0	685.269	709.605	772.368	831.929	848.580
59.5	669.898	694.875	760.200	818.480	838.333
60.0	654.528	679.505	746.751	805.671	825.525
60.5	639.477	664.775	733.302	793.503	812.716
61.0	624.363	650.045	719.852	781.334	800.548
61.5	609.377	635.443	706.403	769.166	789.020
62.0	594.647	620.969	693.594	757.638	776.851
62.5	580.109	606.623	680.145	746.110	765.323
63.0	565.379	592.341	667.336	733.942	755.076
63.5	550.777	578.251	655.168	722.414	743.549
64.0	536.559	564.354	642.359	710.246	732.021
64.5	522.405	550.777	630.191	698.718	720.493
65.0	508.380	537.135	617.959	687.190	709.605
65.5	494.546	523.814	605.854	675.662	698.077
66.0	480.521	510.493	593.878	664.134	687.190
66.5	466.815	497.492	581.966	653.247	676.303
67.0	453.430	484.619	570.118	641.719	665.415
67.5	439.981	471.939	558.526	630.960	654.528
68.0	426.724	459.578	546.998	620.072	644.281
68.5	413.659	447.282	535.726	609.505	633.585
69.0	400.658	435.114	524.583	598.874	623.466
69.5	387.849	423.201	513.567	588.563	613.412
70.0	375.105	411.481	502.744	578.444	603.421
70.5	362.680	399.889	491.920	568.325	593.558
71.0	350.384	388.426	481.289	558.334	583.823
71.5	338.215	377.218	470.914	548.599	574.217
72.0	326.303	365.946	460.539	538.929	564.866
72.5	314.327	355.059	450.420	529.450	555.580
73.0	302.671	344.235	440.365	520.100	546.230
73.5	291.335	333.540	430.631	510.813	537.135
74.0	280.128	323.165	420.768	501.847	527.977
74.5	269.112	312.726	411.353	492.945	519.331
75.0	258.161	302.543	402.003	484.235	510.941
75.5	247.401	292.616	392.781	475.589	502.424
76.0	236.962	282.881	383.815	467.007	494.098
76.5	226.587	273.275	374.912	458.618	485.772
77.0	216.340	263.732	366.138	450.292	477.703
77.5	206.285	254.446	357.493	442.222	469.697
78.0	196.358	245.352	349.103	434.281	461.820
78.5	186.624	236.386	340.777	426.276	454.007
79.0	177.081	227.676	332.708	418.526	446.321
79.5	167.603	219.030	324.766	410.969	438.636
80.0	158.252	210.512	316.825	403.476	431.335
80.5	149.158	202.250	309.139	395.919	423.906
81.0	140.320	194.117	301.774	388.618	416.669
81.5	131.354	186.175	294.409	381.381	409.432
82.0	122.708	178.426	287.236	374.400	402.451
82.5	114.254	170.805	280.192	367.419	395.599

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83.0	105.928	163.376	273.275	360.695	388.938
83.5	97.667	156.139	266.678	353.842	382.021
84.0	89.597	149.094	260.274	347.374	375.425
84.5	81.592	142.305	253.998	340.969	368.956
85.0	73.907	135.709	247.850	334.629	362.488
85.5	66.221	129.433	241.829	328.481	356.212
86.0	58.664	123.412	235.937	322.461	349.999
86.5	51.171	117.777	230.366	316.440	343.787
87.0	43.806	112.333	224.730	310.741	337.703
87.5	36.441	107.273	219.414	304.977	331.875
88.0	29.140	102.342	214.162	299.405	325.983
88.5	21.775	97.731	209.103	293.897	320.283
89.0	15.050	93.376	204.300	288.581	314.647
89.5	9.543	89.341	199.625	283.458	309.139
90.0	5.700	85.755	195.334	278.591	304.080
90.5	4.035	82.617	191.363	273.723	298.700
91.0	4.291	79.735	187.328	268.792	293.577
91.5	5.124	76.981	183.293	264.117	288.453
92.0	6.084	74.675	179.451	259.377	283.458
92.5	7.109	72.690	176.184	254.830	278.526
93.0	8.134	70.961	172.790	250.539	273.787
93.5	9.222	69.616	169.588	246.312	269.304
94.0	10.375	68.463	166.578	242.342	264.949
94.5	11.464	67.630	163.760	238.307	260.466
95.0	12.553	66.990	161.134	234.336	256.175
95.5	13.577	66.542	158.701	230.558	251.948
96.0	14.410	66.349	156.587	226.907	247.785
96.5	15.242	66.349	154.474	223.513	243.943
97.0	16.011	66.413	152.552	220.247	240.100
97.5	16.844	66.670	150.759	217.108	236.578
98.0	17.548	66.926	149.158	214.034	232.991
98.5	18.381	67.246	147.813	211.088	229.661
99.0	19.213	67.630	146.404	208.334	226.395
99.5	20.110	68.079	145.187	205.709	223.193
100.0	20.878	68.527	144.227	203.275	220.311
100.5	21.775	69.039	143.266	200.905	217.365
101.0	22.543	69.552	142.562	198.664	214.739
101.5	23.312	70.064	141.857	196.550	212.049
102.0	24.016	70.576	141.345	194.565	209.679
102.5	24.721	71.089	140.832	192.708	207.310
103.0	25.425	71.665	140.448	190.851	205.196
103.5	26.194	72.241	140.128	189.249	203.019
104.0	27.026	72.754	139.808	187.776	201.033
104.5	27.859	73.330	139.615	186.367	199.176
105.0	28.628	73.907	139.423	185.087	197.383
105.5	29.332	74.419	139.231	183.742	195.846
106.0	30.165	75.059	139.167	182.589	194.309
106.5	30.933	75.636	139.167	181.500	192.772
107.0	31.702	76.276	139.167	180.475	191.491
107.5	32.406	76.789	139.167	179.707	190.146
108.0	33.303	77.429	139.167	178.810	188.801
108.5	34.135	78.069	139.231	178.170	187.905
109.0	34.968	78.582	139.359	177.337	187.008
109.5	35.865	79.158	139.423	176.761	186.047
110.0	36.761	79.735	139.551	176.120	185.279
110.5	37.658	80.311	139.680	175.544	184.574

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111.0	38.554	80.887	139.744	175.032	183.806
111.5	39.451	81.400	139.808	174.647	183.165
112.0	40.412	81.976	139.936	174.263	182.397
112.5	41.372	82.552	140.064	173.815	181.692
113.0	42.397	83.129	140.256	173.495	181.372
113.5	43.358	83.641	140.256	173.174	180.924
114.0	44.382	84.154	140.384	172.918	180.475
114.5	45.343	84.730	140.512	172.598	180.091
115.0	46.368	85.178	140.640	172.406	179.771
115.5	47.392	85.755	140.640	172.214	179.451
116.0	48.353	86.267	140.832	171.958	179.066
116.5	49.250	86.779	140.960	171.701	178.938
117.0	50.274	87.356	141.088	171.701	178.618
117.5	51.235	87.804	141.217	171.445	178.426
118.0	52.068	88.252	141.345	171.317	178.170
118.5	53.028	88.701	141.409	171.125	178.106
119.0	53.861	89.149	141.537	170.933	177.722
119.5	54.757	89.469	141.665	170.741	177.658
120.0	55.590	89.789	141.601	170.613	177.337
120.5	56.423	90.174	141.665	170.357	177.273
121.0	57.255	90.430	141.793	170.164	177.017
121.5	58.152	90.750	141.729	169.908	176.889
122.0	58.984	91.134	141.729	169.780	176.697
122.5	59.817	91.519	141.793	169.524	176.249
123.0	60.649	91.903	141.729	169.268	176.184
123.5	61.418	92.223	141.601	169.076	175.800
124.0	62.058	92.479	141.601	168.884	175.736
124.5	62.699	92.735	141.601	168.563	175.480
125.0	63.339	93.056	141.473	168.243	175.224
125.5	63.980	93.248	141.345	168.051	174.904
126.0	64.556	93.504	141.281	167.667	174.647
126.5	65.069	93.824	141.153	167.410	174.455
127.0	65.645	93.952	141.024	167.090	174.199
127.5	66.093	94.144	140.832	166.770	173.751
128.0	66.670	94.144	140.768	166.386	173.495
128.5	67.118	94.272	140.512	166.066	173.238
129.0	67.566	94.401	140.256	165.745	172.918
129.5	67.950	94.593	139.808	165.233	172.534
130.0	68.271	94.721	139.359	164.913	172.150
130.5	68.591	94.849	138.847	164.529	171.701
131.0	68.783	95.041	138.335	163.952	171.253
131.5	69.039	95.233	137.822	163.440	170.805
132.0	69.295	95.425	137.246	163.120	170.421
132.5	69.423	95.489	136.605	162.479	169.844
133.0	69.616	95.553	136.349	161.903	169.140
133.5	69.680	95.489	135.965	161.454	168.819
134.0	69.744	95.361	135.709	160.942	168.371
134.5	69.936	95.105	135.389	160.366	167.539
135.0	70.128	94.913	135.004	159.597	166.898
135.5	70.064	94.401	134.684	159.085	166.386
136.0	70.192	94.337	134.236	158.444	165.745
136.5	70.320	94.144	133.916	157.740	165.105
137.0	70.384	93.824	133.403	157.163	164.400
137.5	70.448	93.504	132.955	156.395	163.760
138.0	70.576	93.312	132.314	155.755	162.991
138.5	70.576	93.056	131.482	155.050	162.415

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

139.0	70.512	92.864	130.521	154.217	161.518
139.5	70.512	92.607	129.368	153.321	160.878
140.0	70.512	92.287	128.088	152.488	159.981
140.5	70.512	92.095	126.935	151.464	159.021
141.0	70.512	91.967	125.654	150.375	158.252
141.5	70.512	91.711	124.373	149.414	157.484
142.0	70.448	91.583	123.156	148.197	156.651
142.5	70.384	91.391	121.875	147.109	155.690
143.0	70.320	91.198	120.659	146.084	154.730
143.5	70.320	90.942	119.250	144.995	153.833
144.0	70.320	90.622	118.033	144.163	152.809
144.5	70.512	90.366	116.816	143.202	151.912
145.0	70.768	90.110	115.471	142.369	150.887
145.5	71.217	89.789	114.254	141.537	149.862
146.0	71.793	89.533	113.101	140.640	148.902
146.5	72.369	89.277	112.141	139.680	147.813
147.0	72.946	88.957	111.052	138.719	146.724
147.5	73.458	88.829	110.219	137.758	145.636
148.0	74.035	88.573	109.323	136.669	144.483
148.5	74.547	88.509	108.618	135.645	143.330
149.0	75.187	88.509	107.850	134.620	142.305
149.5	75.636	88.701	107.145	133.531	141.024
150.0	76.148	88.829	106.441	132.507	139.680
150.5	76.596	88.893	105.672	131.354	138.271
151.0	76.917	89.085	104.648	130.201	136.605
151.5	77.237	89.149	103.559	128.984	135.068
152.0	77.621	89.277	102.534	127.703	133.531
152.5	78.005	89.405	101.573	126.358	131.866
153.0	78.262	89.469	100.549	124.821	130.521
153.5	78.582	89.661	99.460	123.220	128.984
154.0	78.838	89.597	98.499	121.427	127.703
154.5	79.158	89.661	97.667	119.698	126.422
155.0	79.286	89.789	96.834	117.713	125.462
155.5	79.542	89.853	96.002	115.855	124.437
156.0	79.735	89.853	95.425	113.870	123.540
156.5	80.055	89.853	94.849	111.885	122.388
157.0	80.183	89.982	94.272	110.091	121.299
157.5	80.375	89.982	93.888	108.362	120.082
158.0	80.631	89.917	93.696	106.569	118.929
158.5	80.695	89.917	93.440	105.096	117.584
159.0	81.015	89.725	93.248	103.687	116.432
159.5	81.272	89.597	92.928	102.342	115.151
160.0	81.592	89.469	92.607	101.253	113.870
160.5	81.976	89.405	92.351	100.229	112.653
161.0	82.232	89.213	92.287	99.140	111.436
161.5	82.617	89.149	92.159	98.051	110.540
162.0	82.937	89.021	92.351	97.154	109.771
162.5	83.257	89.021	92.479	96.194	108.874
163.0	83.641	88.957	92.543	95.169	108.106
163.5	83.961	88.957	92.671	94.080	107.145
164.0	84.090	88.957	92.799	92.735	106.249
164.5	84.282	88.829	92.671	91.711	105.096
165.0	84.474	88.829	92.479	90.686	103.943
165.5	84.666	88.765	92.287	89.982	102.726
166.0	84.858	88.701	92.159	89.213	100.869
166.5	85.050	88.701	91.967	88.573	99.972

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

167.0	85.306	88.701	91.775	87.996	99.268
167.5	85.434	88.701	91.391	87.484	98.563
168.0	85.627	88.701	91.070	86.971	97.987
168.5	86.011	88.444	90.622	86.523	97.283
169.0	86.203	88.509	90.302	86.075	96.578
169.5	86.523	88.316	89.789	85.563	95.810
170.0	86.651	88.252	89.341	84.922	95.105
170.5	86.843	88.124	88.765	84.218	94.337
171.0	86.971	87.996	88.124	83.449	93.376
171.5	87.164	87.996	87.548	82.745	92.607
172.0	87.484	87.868	87.228	82.040	91.455
172.5	87.676	87.868	86.843	81.272	90.174
173.0	87.932	87.740	86.523	80.567	87.996
173.5	88.252	87.804	86.395	79.863	84.730
174.0	88.509	87.804	86.331	79.286	80.695
174.5	88.701	87.804	86.203	78.710	75.892
175.0	89.085	87.996	86.139	78.262	70.448
175.5	89.213	88.060	86.075	78.069	64.748
176.0	89.469	88.188	86.075	77.877	61.034
176.5	89.533	88.252	86.011	77.877	58.408
177.0	89.789	88.380	85.883	77.685	55.718
177.5	89.853	88.380	85.691	77.621	55.142
178.0	90.110	88.509	85.627	77.557	55.270
178.5	90.238	88.573	85.691	77.429	55.398
179.0	90.366	88.573	85.627	77.237	55.462
179.5	90.494	88.573	85.563	77.173	55.526
180.0	81.143	81.143	81.143	81.143	81.143

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-3-L64-835-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	733.22	N.A.	11.70
0-30	1536.35	N.A.	24.50
0-40	2467.93	N.A.	39.40
0-60	4176.64	N.A.	66.70
0-80	5203.35	N.A.	83.10
0-90	5461.57	N.A.	87.30
10-90	5270.42	N.A.	84.20
20-40	1734.71	N.A.	27.70
20-50	2652.08	N.A.	42.40
40-70	2317.39	N.A.	37.00
60-80	1026.71	N.A.	16.40
70-80	418.04	N.A.	6.70
80-90	258.22	N.A.	4.10
90-110	301.60	N.A.	4.80
90-120	428.57	N.A.	6.80
90-130	545.42	N.A.	8.70
90-150	716.04	N.A.	11.40
90-180	797.60	N.A.	12.70
110-180	496.01	N.A.	7.90
0-180	6259.17	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	191.15
10-20	542.07
20-30	803.12
30-40	931.58
40-50	917.38
50-60	791.34
60-70	608.67
70-80	418.04
80-90	258.22
90-100	165.44
100-110	136.16
110-120	126.97
120-130	116.86
130-140	98.20
140-150	72.42
150-160	47.35
160-170	26.09
170-180	8.13

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-3-L64-835-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-3-L64-835-DIM-UNV_.IES

UGR TABLE - CORRECTED

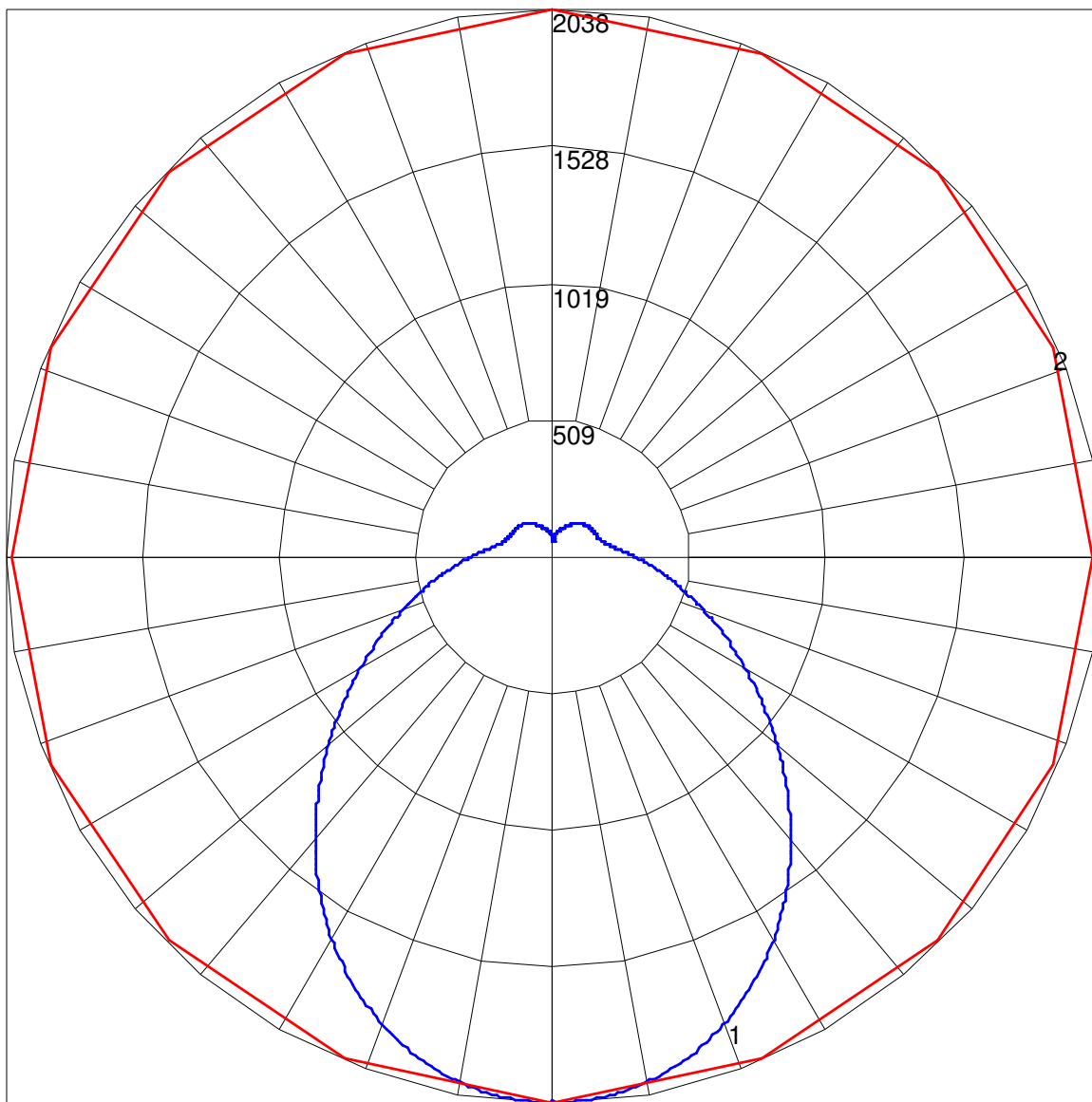
Reflectances

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					UGR Viewed Endwise				
X=2H	Y=2H	19.2	20.5	19.7	21.1	21.7	20.8	22.2	21.4	22.7	23.4
	3H	20.5	21.8	21.1	22.3	23.0	23.0	24.2	23.6	24.8	25.5
	4H	21.0	22.1	21.6	22.7	23.4	24.1	25.2	24.6	25.8	26.5
	6H	21.3	22.4	21.9	23.0	23.6	25.2	26.3	25.8	26.9	27.5
	8H	21.3	22.4	22.0	23.0	23.7	25.7	26.8	26.4	27.4	28.1
	12H	21.4	22.4	22.0	23.0	23.7	26.4	27.4	27.0	28.0	28.7
4H	2H	19.9	21.1	20.5	21.7	22.3	21.2	22.4	21.8	23.0	23.6
	3H	21.5	22.5	22.1	23.1	23.8	23.6	24.6	24.2	25.3	26.0
	4H	22.1	23.0	22.7	23.6	24.3	24.9	25.8	25.5	26.4	27.1
	6H	22.5	23.3	23.1	23.9	24.7	26.2	27.0	26.8	27.6	28.4
	8H	22.6	23.3	23.3	24.0	24.7	26.9	27.6	27.5	28.3	29.0
	12H	22.7	23.3	23.3	24.0	24.8	27.6	28.3	28.3	29.0	29.8
8H	4H	22.6	23.4	23.3	24.0	24.8	25.1	25.8	25.7	26.5	27.2
	6H	23.2	23.8	23.9	24.5	25.3	26.6	27.2	27.2	27.9	28.6
	8H	23.4	24.0	24.1	24.7	25.5	27.4	28.0	28.1	28.7	29.4
	12H	23.6	24.1	24.3	24.8	25.6	28.4	28.9	29.1	29.6	30.4
12H	4H	22.8	23.5	23.5	24.1	24.9	25.1	25.8	25.7	26.4	27.2
	6H	23.5	24.0	24.2	24.7	25.5	26.6	27.2	27.3	27.8	28.7
	8H	23.8	24.3	24.5	25.0	25.8	27.5	28.0	28.2	28.7	29.5

Maximum UGR = 30.4

POLAR GRAPH



Maximum Candela = 2037.874 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.)