

## IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-3-L64-830-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-L64-830-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	6197
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	129
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	17903	16081	15992
55	15457	13747	14039
65	12932	11750	12512
75	10268	10230	11695
85	7240	9992	12356

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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	2005.448	2005.448	2005.448	2005.448	2005.448
0.5	1995.938	2003.546	2004.814	2004.180	2017.495
1.0	1995.938	2004.180	2004.180	2003.546	2016.861
1.5	1994.036	2004.180	2003.546	2002.912	2017.495
2.0	1993.402	2002.278	2003.546	2002.278	2015.593
2.5	1993.402	2002.278	2001.644	2001.644	2014.325
3.0	1991.500	2000.376	2000.376	2000.376	2013.057
3.5	1990.232	1998.474	1998.474	1999.108	2011.789
4.0	1988.963	1997.206	1997.206	1996.572	2010.521
4.5	1985.793	1995.304	1995.938	1995.304	2008.619
5.0	1983.891	1993.402	1993.402	1993.402	2006.716
5.5	1981.355	1990.866	1990.866	1991.500	2004.180
6.0	1980.087	1987.695	1988.329	1988.329	2001.644
6.5	1975.649	1985.159	1985.793	1985.793	1998.474
7.0	1973.113	1981.989	1982.623	1981.989	1995.938
7.5	1970.576	1978.185	1979.453	1979.453	1992.768
8.0	1967.406	1975.649	1975.649	1975.649	1988.329
8.5	1964.236	1971.211	1972.479	1972.479	1984.525
9.0	1959.164	1968.040	1968.674	1968.040	1980.087
9.5	1955.994	1963.602	1963.602	1963.602	1977.551
10.0	1950.921	1958.530	1958.530	1959.798	1972.479
10.5	1946.483	1954.092	1954.726	1954.726	1968.040
11.0	1942.045	1949.653	1950.287	1949.653	1962.968
11.5	1936.339	1944.581	1945.849	1944.581	1958.530
12.0	1931.266	1938.875	1940.143	1940.143	1952.824
12.5	1926.194	1933.169	1935.071	1933.803	1947.751
13.0	1920.488	1928.096	1929.364	1928.730	1942.045
13.5	1914.782	1921.756	1923.024	1923.024	1936.973
14.0	1907.807	1915.416	1916.684	1916.684	1929.998
14.5	1902.101	1909.075	1910.343	1910.343	1924.926
15.0	1896.395	1902.735	1903.369	1903.369	1917.318
15.5	1889.420	1895.126	1897.029	1897.029	1909.709
16.0	1881.812	1888.152	1890.054	1890.054	1903.369
16.5	1875.471	1880.544	1882.446	1883.080	1896.395
17.0	1866.595	1872.301	1874.837	1875.471	1888.786
17.5	1858.987	1864.693	1867.229	1867.863	1881.178
18.0	1852.012	1857.084	1858.987	1860.889	1874.203
18.5	1843.770	1849.476	1851.378	1852.646	1865.961
19.0	1835.527	1839.966	1843.136	1844.404	1857.084
19.5	1826.017	1832.357	1834.893	1837.429	1848.842
20.0	1815.872	1822.847	1826.017	1827.919	1839.966
20.5	1805.728	1814.604	1817.140	1819.676	1831.723
21.0	1797.485	1804.460	1806.362	1811.434	1822.847
21.5	1787.975	1794.949	1798.119	1800.655	1813.336
22.0	1777.830	1786.073	1789.243	1791.779	1805.094
22.5	1768.954	1774.660	1779.098	1782.903	1795.583
23.0	1758.175	1764.516	1768.954	1772.758	1785.439
23.5	1746.763	1753.737	1759.443	1763.247	1775.928
24.0	1735.350	1742.958	1748.665	1753.103	1765.784
24.5	1725.840	1732.180	1738.520	1742.324	1754.371
25.0	1715.061	1721.401	1728.376	1732.180	1744.226
25.5	1703.014	1710.623	1716.329	1722.035	1732.180
26.0	1691.602	1698.576	1706.184	1711.257	1722.669
26.5	1679.555	1686.529	1695.406	1699.844	1711.891

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**CANDELA TABULATION - (Cont.)**

27.0	1667.508	1673.849	1684.627	1690.334	1701.112
27.5	1653.560	1661.802	1672.581	1677.653	1690.334
28.0	1643.415	1649.755	1660.534	1666.240	1678.287
28.5	1630.100	1637.709	1648.487	1654.194	1666.240
29.0	1617.420	1625.028	1635.807	1642.781	1654.828
29.5	1604.105	1611.713	1623.126	1630.100	1642.147
30.0	1590.790	1599.033	1610.445	1619.322	1631.369
30.5	1576.842	1585.084	1598.399	1607.275	1618.688
31.0	1563.527	1571.769	1585.084	1594.595	1605.373
31.5	1549.578	1559.089	1572.403	1582.548	1593.961
32.0	1536.263	1544.506	1559.723	1569.233	1580.646
32.5	1521.681	1530.557	1546.408	1556.553	1567.965
33.0	1507.732	1517.242	1531.825	1543.872	1555.284
33.5	1494.417	1503.294	1519.145	1529.923	1541.970
34.0	1478.566	1488.711	1505.196	1517.242	1529.923
34.5	1463.984	1474.762	1491.881	1503.294	1515.974
35.0	1450.669	1459.545	1478.566	1490.613	1502.660
35.5	1433.550	1445.597	1463.984	1476.664	1488.711
36.0	1420.235	1430.380	1450.035	1462.716	1475.396
36.5	1403.750	1415.163	1435.452	1449.401	1462.716
37.0	1388.534	1400.580	1420.869	1434.818	1449.401
37.5	1372.683	1384.729	1406.921	1422.137	1434.818
38.0	1356.832	1369.513	1391.704	1407.555	1419.601
38.5	1340.347	1353.662	1377.121	1394.240	1405.653
39.0	1325.764	1337.811	1361.904	1379.657	1394.240
39.5	1309.279	1323.228	1347.321	1365.074	1379.023
40.0	1291.526	1306.743	1332.105	1351.760	1364.440
40.5	1275.042	1290.892	1317.522	1337.811	1350.492
41.0	1259.825	1275.042	1302.305	1323.228	1335.909
41.5	1243.340	1259.191	1287.088	1308.645	1321.960
42.0	1226.855	1243.340	1271.871	1294.697	1308.011
42.5	1211.004	1226.855	1256.021	1280.114	1293.429
43.0	1193.251	1211.004	1241.438	1266.165	1279.480
43.5	1178.034	1194.519	1225.587	1251.582	1265.531
44.0	1160.916	1178.034	1209.736	1237.634	1250.948
44.5	1145.065	1162.184	1193.885	1222.417	1236.366
45.0	1128.580	1145.699	1178.669	1209.102	1223.051
45.5	1112.095	1129.848	1163.452	1195.153	1209.102
46.0	1095.610	1113.363	1146.967	1179.937	1194.519
46.5	1079.125	1096.878	1133.018	1167.256	1180.571
47.0	1062.006	1081.027	1117.167	1152.039	1166.622
47.5	1045.521	1064.542	1101.316	1137.456	1152.039
48.0	1029.671	1048.058	1085.466	1124.142	1137.456
48.5	1011.918	1032.207	1070.883	1108.925	1123.508
49.0	996.067	1015.088	1054.398	1094.342	1108.925
49.5	979.582	999.237	1039.181	1080.393	1094.976
50.0	962.463	982.752	1023.964	1065.176	1080.393
50.5	946.612	966.901	1008.113	1052.496	1067.079
51.0	930.127	950.416	994.165	1037.913	1053.130
51.5	914.276	933.932	978.314	1023.964	1039.181
52.0	897.158	918.081	963.097	1009.382	1025.232
52.5	880.673	901.596	948.514	994.799	1011.918
53.0	863.554	885.745	933.297	982.118	997.335
53.5	847.069	869.894	918.715	967.535	984.020
54.0	831.218	854.043	904.132	953.587	970.705
54.5	816.001	837.558	889.549	940.906	957.391

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55.0	800.150	822.342	874.966	926.323	945.344
55.5	786.836	806.491	860.384	913.008	930.761
56.0	771.619	792.542	846.435	899.694	917.447
56.5	755.768	777.959	831.852	886.379	904.766
57.0	740.551	763.376	817.903	873.064	891.451
57.5	724.700	748.160	805.857	860.384	876.868
58.0	708.850	732.943	791.908	846.435	866.090
58.5	693.633	717.726	777.959	834.388	853.409
59.0	678.416	702.509	764.645	823.610	840.095
59.5	663.199	687.926	752.598	810.295	829.950
60.0	647.982	672.710	739.283	797.614	817.269
60.5	633.083	658.127	725.968	785.568	804.589
61.0	618.119	643.544	712.654	773.521	792.542
61.5	603.283	629.088	699.339	761.474	781.129
62.0	588.700	614.759	686.658	750.062	769.083
62.5	574.308	600.557	673.344	738.649	757.670
63.0	559.725	586.418	660.663	726.603	747.526
63.5	545.269	572.469	648.616	715.190	736.113
64.0	531.193	558.710	635.936	703.143	724.700
64.5	517.181	545.269	623.889	691.731	713.288
65.0	503.296	531.764	611.779	680.318	702.509
65.5	489.601	518.576	599.796	668.905	691.097
66.0	475.715	505.388	587.939	657.493	680.318
66.5	462.147	492.517	576.146	646.714	669.540
67.0	448.896	479.773	564.417	635.302	658.761
67.5	435.581	467.219	552.941	624.650	647.982
68.0	422.457	454.983	541.528	613.871	637.838
68.5	409.522	442.809	530.369	603.410	627.249
69.0	396.651	430.762	519.337	592.885	617.232
69.5	383.971	418.969	508.432	582.677	607.277
70.0	371.353	407.367	497.716	572.659	597.386
70.5	359.053	395.891	487.001	562.641	587.622
71.0	346.880	384.541	476.476	552.751	577.985
71.5	334.833	373.446	466.205	543.113	568.475
72.0	323.040	362.287	455.934	533.539	559.218
72.5	311.184	351.508	445.916	524.156	550.024
73.0	299.644	340.793	435.962	514.899	540.767
73.5	288.422	330.205	426.324	505.705	531.764
74.0	277.326	319.933	416.560	496.829	522.697
74.5	266.421	309.599	407.240	488.016	514.138
75.0	255.579	299.517	397.983	479.393	505.832
75.5	244.927	289.690	388.853	470.833	497.399
76.0	234.592	280.053	379.976	462.337	489.157
76.5	224.321	270.542	371.163	454.031	480.915
77.0	214.177	261.095	362.477	445.789	472.926
77.5	204.222	251.902	353.918	437.800	465.000
78.0	194.395	242.898	345.612	429.938	457.202
78.5	184.757	234.022	337.369	422.013	449.466
79.0	175.310	225.399	329.380	414.341	441.858
79.5	165.927	216.839	321.518	406.859	434.250
80.0	156.670	208.407	313.656	399.441	427.022
80.5	147.666	200.228	306.048	391.960	419.667
81.0	138.917	192.176	298.757	384.732	412.502
81.5	130.040	184.314	291.465	377.567	405.338
82.0	121.481	176.642	284.364	370.656	398.427
82.5	113.112	169.097	277.390	363.745	391.643

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**CANDELA TABULATION - (Cont.)**

83.0	104.869	161.742	270.542	357.088	385.049
83.5	96.690	154.577	264.012	350.304	378.201
84.0	88.701	147.603	257.671	343.900	371.671
84.5	80.776	140.882	251.458	337.559	365.267
85.0	73.167	134.352	245.371	331.283	358.863
85.5	65.559	128.138	239.411	325.196	352.649
86.0	58.077	122.178	233.578	319.236	346.499
86.5	50.659	116.599	228.062	313.276	340.349
87.0	43.368	111.209	222.482	307.633	334.326
87.5	36.077	106.201	217.220	301.927	328.556
88.0	28.849	101.319	212.021	296.411	322.723
88.5	21.557	96.754	207.012	290.958	317.080
89.0	14.900	92.442	202.257	285.696	311.501
89.5	9.447	88.448	197.628	280.623	306.048
90.0	5.643	84.897	193.380	275.805	301.039
90.5	3.994	81.790	189.449	270.986	295.713
91.0	4.248	78.937	185.455	266.104	290.641
91.5	5.072	76.211	181.460	261.475	285.569
92.0	6.023	73.928	177.656	256.784	280.623
92.5	7.038	71.963	174.423	252.282	275.741
93.0	8.052	70.251	171.062	248.034	271.049
93.5	9.130	68.919	167.892	243.849	266.611
94.0	10.271	67.778	164.912	239.918	262.300
94.5	11.349	66.954	162.122	235.924	257.861
95.0	12.427	66.320	159.523	231.993	253.613
95.5	13.442	65.876	157.114	228.252	249.429
96.0	14.266	65.686	155.021	224.638	245.308
96.5	15.090	65.686	152.929	221.278	241.503
97.0	15.851	65.749	151.027	218.044	237.699
97.5	16.675	66.003	149.252	214.937	234.212
98.0	17.373	66.257	147.666	211.894	230.661
98.5	18.197	66.574	146.335	208.977	227.364
99.0	19.021	66.954	144.940	206.251	224.131
99.5	19.909	67.398	143.735	203.652	220.961
100.0	20.669	67.842	142.784	201.242	218.108
100.5	21.557	68.349	141.833	198.896	215.191
101.0	22.318	68.856	141.136	196.677	212.591
101.5	23.079	69.363	140.438	194.585	209.929
102.0	23.776	69.871	139.931	192.619	207.583
102.5	24.474	70.378	139.424	190.781	205.237
103.0	25.171	70.948	139.044	188.942	203.144
103.5	25.932	71.519	138.727	187.357	200.989
104.0	26.756	72.026	138.410	185.899	199.023
104.5	27.580	72.597	138.219	184.504	197.184
105.0	28.341	73.167	138.029	183.236	195.409
105.5	29.039	73.675	137.839	181.904	193.887
106.0	29.863	74.309	137.776	180.763	192.366
106.5	30.624	74.879	137.776	179.685	190.844
107.0	31.385	75.513	137.776	178.671	189.576
107.5	32.082	76.021	137.776	177.910	188.245
108.0	32.970	76.655	137.776	177.022	186.913
108.5	33.794	77.289	137.839	176.388	186.025
109.0	34.618	77.796	137.966	175.564	185.138
109.5	35.506	78.367	138.029	174.993	184.187
110.0	36.394	78.937	138.156	174.359	183.426
110.5	37.281	79.508	138.283	173.789	182.728

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**CANDELA TABULATION - (Cont.)**

111.0	38.169	80.078	138.346	173.281	181.968
111.5	39.056	80.586	138.410	172.901	181.334
112.0	40.008	81.156	138.536	172.521	180.573
112.5	40.959	81.727	138.663	172.077	179.875
113.0	41.973	82.298	138.853	171.760	179.558
113.5	42.924	82.805	138.853	171.443	179.114
114.0	43.939	83.312	138.980	171.189	178.671
114.5	44.890	83.883	139.107	170.872	178.290
115.0	45.904	84.326	139.234	170.682	177.973
115.5	46.918	84.897	139.234	170.492	177.656
116.0	47.870	85.404	139.424	170.238	177.276
116.5	48.757	85.912	139.551	169.984	177.149
117.0	49.772	86.482	139.678	169.984	176.832
117.5	50.723	86.926	139.804	169.731	176.642
118.0	51.547	87.370	139.931	169.604	176.388
118.5	52.498	87.814	139.995	169.414	176.325
119.0	53.322	88.257	140.121	169.224	175.944
119.5	54.210	88.574	140.248	169.033	175.881
120.0	55.034	88.892	140.185	168.907	175.564
120.5	55.858	89.272	140.248	168.653	175.501
121.0	56.683	89.526	140.375	168.463	175.247
121.5	57.570	89.843	140.312	168.209	175.120
122.0	58.394	90.223	140.312	168.082	174.930
122.5	59.219	90.603	140.375	167.829	174.486
123.0	60.043	90.984	140.312	167.575	174.423
123.5	60.804	91.301	140.185	167.385	174.042
124.0	61.438	91.554	140.185	167.195	173.979
124.5	62.072	91.808	140.185	166.878	173.725
125.0	62.706	92.125	140.058	166.561	173.472
125.5	63.340	92.315	139.931	166.370	173.155
126.0	63.911	92.569	139.868	165.990	172.901
126.5	64.418	92.886	139.741	165.736	172.711
127.0	64.988	93.013	139.614	165.419	172.457
127.5	65.432	93.203	139.424	165.102	172.013
128.0	66.003	93.203	139.361	164.722	171.760
128.5	66.447	93.330	139.107	164.405	171.506
129.0	66.891	93.457	138.853	164.088	171.189
129.5	67.271	93.647	138.410	163.581	170.809
130.0	67.588	93.774	137.966	163.264	170.428
130.5	67.905	93.900	137.458	162.883	169.984
131.0	68.095	94.091	136.951	162.313	169.541
131.5	68.349	94.281	136.444	161.805	169.097
132.0	68.602	94.471	135.873	161.488	168.716
132.5	68.729	94.534	135.239	160.854	168.146
133.0	68.919	94.598	134.986	160.284	167.448
133.5	68.983	94.534	134.605	159.840	167.131
134.0	69.046	94.408	134.352	159.333	166.687
134.5	69.236	94.154	134.035	158.762	165.863
135.0	69.427	93.964	133.654	158.001	165.229
135.5	69.363	93.457	133.337	157.494	164.722
136.0	69.490	93.393	132.893	156.860	164.088
136.5	69.617	93.203	132.576	156.162	163.454
137.0	69.680	92.886	132.069	155.592	162.756
137.5	69.744	92.569	131.625	154.831	162.122
138.0	69.871	92.379	130.991	154.197	161.362
138.5	69.871	92.125	130.167	153.500	160.791

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

139.0	69.807	91.935	129.216	152.675	159.903
139.5	69.807	91.681	128.075	151.788	159.269
140.0	69.807	91.364	126.807	150.963	158.382
140.5	69.807	91.174	125.665	149.949	157.431
141.0	69.807	91.047	124.397	148.871	156.670
141.5	69.807	90.794	123.129	147.920	155.909
142.0	69.744	90.667	121.925	146.715	155.085
142.5	69.680	90.477	120.657	145.638	154.134
143.0	69.617	90.286	119.452	144.623	153.183
143.5	69.617	90.033	118.057	143.545	152.295
144.0	69.617	89.716	116.852	142.721	151.280
144.5	69.807	89.462	115.648	141.770	150.393
145.0	70.061	89.209	114.316	140.946	149.378
145.5	70.505	88.892	113.112	140.121	148.364
146.0	71.075	88.638	111.970	139.234	147.413
146.5	71.646	88.384	111.019	138.283	146.335
147.0	72.216	88.067	109.941	137.332	145.257
147.5	72.724	87.940	109.117	136.381	144.179
148.0	73.294	87.687	108.230	135.303	143.038
148.5	73.802	87.623	107.532	134.288	141.897
149.0	74.436	87.623	106.771	133.274	140.882
149.5	74.879	87.814	106.074	132.196	139.614
150.0	75.387	87.940	105.376	131.182	138.283
150.5	75.830	88.004	104.616	130.040	136.888
151.0	76.147	88.194	103.601	128.899	135.239
151.5	76.464	88.257	102.523	127.694	133.718
152.0	76.845	88.384	101.509	126.426	132.196
152.5	77.225	88.511	100.558	125.095	130.548
153.0	77.479	88.574	99.543	123.573	129.216
153.5	77.796	88.765	98.465	121.988	127.694
154.0	78.050	88.701	97.514	120.213	126.426
154.5	78.367	88.765	96.690	118.501	125.158
155.0	78.493	88.892	95.866	116.535	124.207
155.5	78.747	88.955	95.042	114.697	123.193
156.0	78.937	88.955	94.471	112.731	122.305
156.5	79.254	88.955	93.900	110.766	121.164
157.0	79.381	89.082	93.330	108.990	120.086
157.5	79.571	89.082	92.949	107.278	118.881
158.0	79.825	89.018	92.759	105.503	117.740
158.5	79.888	89.018	92.506	104.045	116.409
159.0	80.205	88.828	92.315	102.650	115.267
159.5	80.459	88.701	91.998	101.319	113.999
160.0	80.776	88.574	91.681	100.241	112.731
160.5	81.156	88.511	91.428	99.226	111.527
161.0	81.410	88.321	91.364	98.148	110.322
161.5	81.790	88.257	91.237	97.071	109.434
162.0	82.107	88.131	91.428	96.183	108.673
162.5	82.424	88.131	91.554	95.232	107.786
163.0	82.805	88.067	91.618	94.217	107.025
163.5	83.122	88.067	91.745	93.140	106.074
164.0	83.249	88.067	91.871	91.808	105.186
164.5	83.439	87.940	91.745	90.794	104.045
165.0	83.629	87.940	91.554	89.779	102.904
165.5	83.819	87.877	91.364	89.082	101.699
166.0	84.009	87.814	91.237	88.321	99.860
166.5	84.200	87.814	91.047	87.687	98.973

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

167.0	84.453	87.814	90.857	87.116	98.275
167.5	84.580	87.814	90.477	86.609	97.578
168.0	84.770	87.814	90.160	86.102	97.007
168.5	85.151	87.560	89.716	85.658	96.310
169.0	85.341	87.623	89.399	85.214	95.612
169.5	85.658	87.433	88.892	84.707	94.851
170.0	85.785	87.370	88.448	84.073	94.154
170.5	85.975	87.243	87.877	83.375	93.393
171.0	86.102	87.116	87.243	82.615	92.442
171.5	86.292	87.116	86.672	81.917	91.681
172.0	86.609	86.989	86.355	81.220	90.540
172.5	86.799	86.989	85.975	80.459	89.272
173.0	87.053	86.863	85.658	79.761	87.116
173.5	87.370	86.926	85.531	79.064	83.883
174.0	87.623	86.926	85.468	78.493	79.888
174.5	87.814	86.926	85.341	77.923	75.133
175.0	88.194	87.116	85.278	77.479	69.744
175.5	88.321	87.180	85.214	77.289	64.101
176.0	88.574	87.306	85.214	77.098	60.423
176.5	88.638	87.370	85.151	77.098	57.824
177.0	88.892	87.497	85.024	76.908	55.161
177.5	88.955	87.497	84.834	76.845	54.590
178.0	89.209	87.623	84.770	76.781	54.717
178.5	89.335	87.687	84.834	76.655	54.844
179.0	89.462	87.687	84.770	76.464	54.907
179.5	89.589	87.687	84.707	76.401	54.971
180.0	80.332	80.332	80.332	80.332	80.332



**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-3-L64-830-DIM-UNV\_.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	725.89	N.A.	11.70
0-30	1520.98	N.A.	24.50
0-40	2443.25	N.A.	39.40
0-60	4134.88	N.A.	66.70
0-80	5151.32	N.A.	83.10
0-90	5406.95	N.A.	87.30
10-90	5217.71	N.A.	84.20
20-40	1717.36	N.A.	27.70
20-50	2625.56	N.A.	42.40
40-70	2294.21	N.A.	37.00
60-80	1016.44	N.A.	16.40
70-80	413.86	N.A.	6.70
80-90	255.63	N.A.	4.10
90-110	298.58	N.A.	4.80
90-120	424.28	N.A.	6.80
90-130	539.97	N.A.	8.70
90-150	708.88	N.A.	11.40
90-180	789.63	N.A.	12.70
110-180	491.05	N.A.	7.90
0-180	6196.58	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	189.24
10-20	536.65
20-30	795.09
30-40	922.27
40-50	908.20
50-60	783.43
60-70	602.58
70-80	413.86
80-90	255.63
90-100	163.79
100-110	134.80
110-120	125.70
120-130	115.69
130-140	97.22
140-150	71.69
150-160	46.88
160-170	25.83
170-180	8.05

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-3-L64-830-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-L64-830-DIM-UNV\_.IES**

**UGR TABLE - CORRECTED**

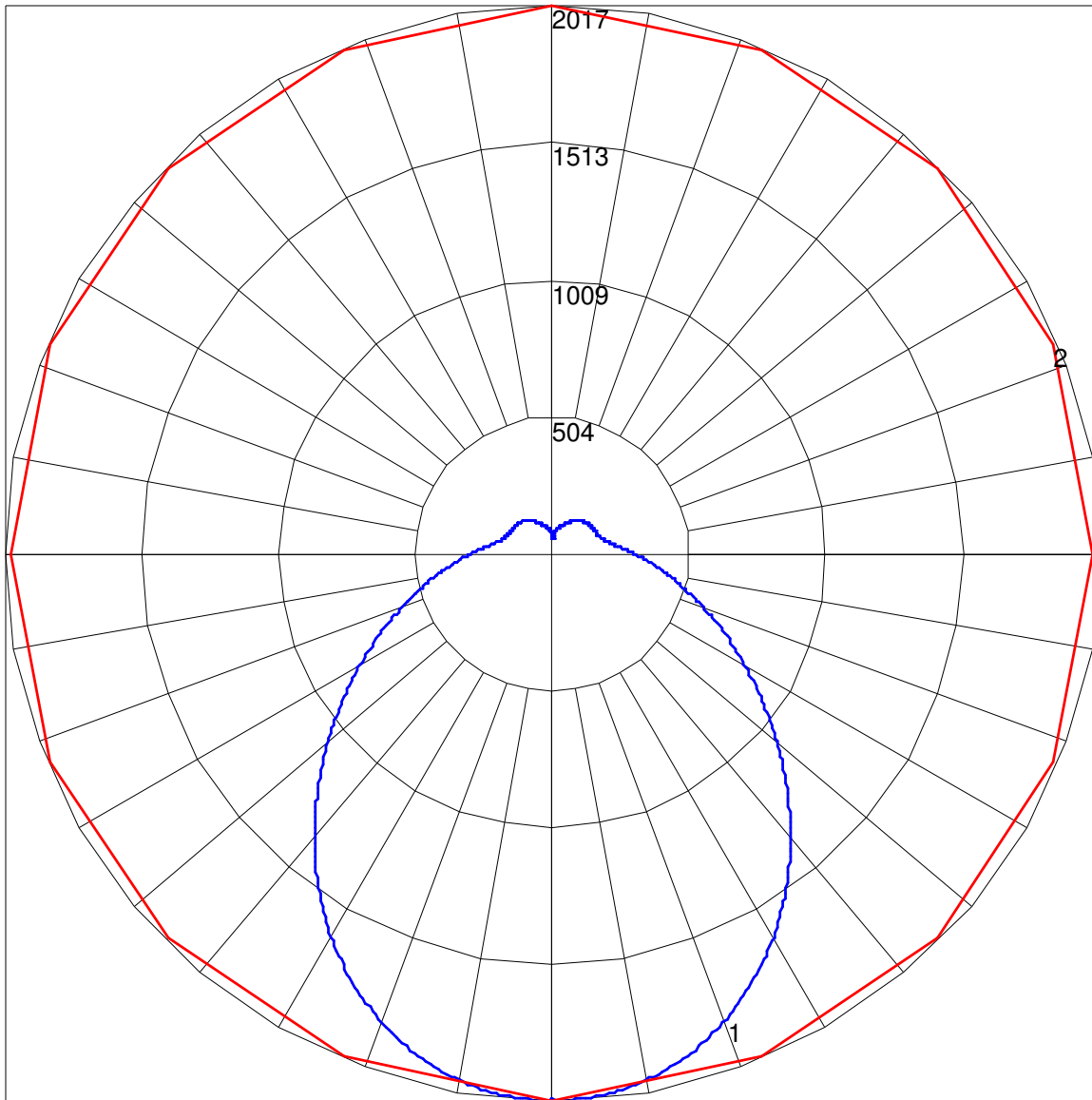
Reflectances

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	19.1	20.4	19.6	21.0	21.6	20.7	22.1	21.3	22.6	23.3
	3H	20.4	21.7	21.0	22.2	22.9	22.9	24.1	23.5	24.7	25.4
	4H	20.9	22.0	21.5	22.6	23.3	24.0	25.1	24.5	25.7	26.4
	6H	21.2	22.3	21.8	22.9	23.5	25.1	26.2	25.7	26.8	27.4
	8H	21.2	22.3	21.9	22.9	23.6	25.6	26.7	26.3	27.3	28.0
	12H	21.3	22.3	21.9	22.9	23.6	26.3	27.3	26.9	27.9	28.6
4H	2H	19.8	21.0	20.4	21.6	22.2	21.1	22.3	21.7	22.9	23.5
	3H	21.4	22.4	22.0	23.0	23.7	23.5	24.5	24.1	25.2	25.9
	4H	22.0	22.9	22.6	23.5	24.2	24.8	25.7	25.4	26.3	27.0
	6H	22.4	23.2	23.0	23.8	24.6	26.1	26.9	26.7	27.5	28.3
	8H	22.5	23.2	23.2	23.9	24.6	26.8	27.5	27.4	28.2	28.9
	12H	22.6	23.2	23.2	23.9	24.7	27.5	28.2	28.2	28.9	29.7
8H	4H	22.5	23.3	23.2	23.9	24.7	25.0	25.7	25.6	26.4	27.1
	6H	23.1	23.7	23.8	24.4	25.2	26.5	27.1	27.1	27.8	28.5
	8H	23.3	23.9	24.0	24.6	25.4	27.3	27.9	28.0	28.6	29.3
	12H	23.5	24.0	24.2	24.7	25.5	28.3	28.8	29.0	29.5	30.3
12H	4H	22.7	23.4	23.4	24.0	24.8	25.0	25.7	25.6	26.3	27.1
	6H	23.4	23.9	24.1	24.6	25.4	26.5	27.1	27.2	27.7	28.6
	8H	23.7	24.2	24.4	24.9	25.7	27.4	27.9	28.1	28.6	29.4

Maximum UGR = 30.3

POLAR GRAPH



Maximum Candela = 2017.495 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.)