

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-3-L64-850-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-3-L64-850-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	6635
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	138
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	19169	17218	17122
55	16550	14719	15032
65	13846	12581	13396
75	10994	10953	12522
85	7752	10698	13230

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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	2147.247	2147.247	2147.247	2147.247	2147.247
0.5	2137.064	2145.211	2146.569	2145.890	2160.146
1.0	2137.064	2145.890	2145.890	2145.211	2159.467
1.5	2135.028	2145.890	2145.211	2144.532	2160.146
2.0	2134.349	2143.853	2145.211	2143.853	2158.109
2.5	2134.349	2143.853	2143.174	2143.174	2156.752
3.0	2132.312	2141.816	2141.816	2141.816	2155.394
3.5	2130.955	2139.780	2139.780	2140.459	2154.036
4.0	2129.597	2138.422	2138.422	2137.743	2152.678
4.5	2126.203	2136.386	2137.064	2136.386	2150.642
5.0	2124.166	2134.349	2134.349	2134.349	2148.605
5.5	2121.451	2131.634	2131.634	2132.312	2145.890
6.0	2120.093	2128.239	2128.918	2128.918	2143.174
6.5	2115.341	2125.524	2126.203	2126.203	2139.780
7.0	2112.625	2122.129	2122.808	2122.129	2137.064
7.5	2109.910	2118.056	2119.414	2119.414	2133.670
8.0	2106.516	2115.341	2115.341	2115.341	2128.918
8.5	2103.121	2110.589	2111.946	2111.946	2124.845
9.0	2097.690	2107.194	2107.873	2107.194	2120.093
9.5	2094.296	2102.442	2102.442	2102.442	2117.377
10.0	2088.865	2097.011	2097.011	2098.369	2111.946
10.5	2084.113	2092.259	2092.938	2092.938	2107.194
11.0	2079.361	2087.507	2088.186	2087.507	2101.764
11.5	2073.251	2082.076	2083.434	2082.076	2097.011
12.0	2067.820	2075.967	2077.324	2077.324	2090.902
12.5	2062.389	2069.857	2071.893	2070.536	2085.471
13.0	2056.280	2064.426	2065.784	2065.105	2079.361
13.5	2050.170	2057.637	2058.995	2058.995	2073.930
14.0	2042.702	2050.849	2052.206	2052.206	2066.463
14.5	2036.593	2044.060	2045.418	2045.418	2061.032
15.0	2030.483	2037.271	2037.950	2037.950	2052.885
15.5	2023.015	2029.125	2031.162	2031.162	2044.739
16.0	2014.869	2021.658	2023.694	2023.694	2037.950
16.5	2008.080	2013.511	2015.548	2016.227	2030.483
17.0	1998.576	2004.686	2007.401	2008.080	2022.336
17.5	1990.430	1996.540	1999.255	1999.934	2014.190
18.0	1982.962	1988.393	1990.430	1992.466	2006.723
18.5	1974.137	1980.247	1982.283	1983.641	1997.897
19.0	1965.312	1970.064	1973.458	1974.816	1988.393
19.5	1955.129	1961.917	1964.633	1967.348	1979.568
20.0	1944.267	1951.735	1955.129	1957.165	1970.064
20.5	1933.405	1942.909	1945.625	1948.340	1961.239
21.0	1924.580	1932.047	1934.084	1939.515	1951.735
21.5	1914.397	1921.864	1925.259	1927.974	1941.552
22.0	1903.535	1912.360	1915.755	1918.470	1932.726
22.5	1894.031	1900.141	1904.893	1908.966	1922.543
23.0	1882.490	1889.279	1894.031	1898.104	1911.682
23.5	1870.271	1877.738	1883.848	1887.921	1901.499
24.0	1858.051	1866.198	1872.307	1877.059	1890.637
24.5	1847.868	1854.657	1861.446	1865.519	1878.417
25.0	1836.328	1843.116	1850.584	1854.657	1867.555
25.5	1823.429	1831.576	1837.685	1843.795	1854.657
26.0	1811.210	1818.677	1826.824	1832.254	1844.474
26.5	1798.311	1805.779	1815.283	1820.035	1832.933

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27.0	1785.413	1792.201	1803.742	1809.852	1821.393
27.5	1770.478	1779.303	1790.844	1796.275	1809.852
28.0	1759.616	1766.405	1777.945	1784.055	1796.953
28.5	1745.360	1753.506	1765.047	1771.157	1784.055
29.0	1731.783	1739.929	1751.470	1758.937	1771.836
29.5	1717.526	1725.673	1737.892	1745.360	1758.258
30.0	1703.270	1712.095	1724.315	1733.819	1746.718
30.5	1688.335	1697.160	1711.417	1720.921	1733.140
31.0	1674.079	1682.904	1697.160	1707.343	1718.884
31.5	1659.144	1669.327	1683.583	1694.445	1706.665
32.0	1644.888	1653.713	1670.006	1680.189	1692.408
32.5	1629.274	1638.778	1655.750	1666.612	1678.831
33.0	1614.339	1624.522	1640.136	1653.034	1665.254
33.5	1600.083	1609.587	1626.559	1638.099	1650.998
34.0	1583.111	1593.973	1611.624	1624.522	1638.099
34.5	1567.497	1579.038	1597.367	1609.587	1623.164
35.0	1553.241	1562.745	1583.111	1596.010	1608.908
35.5	1534.912	1547.810	1567.497	1581.075	1593.973
36.0	1520.656	1531.518	1552.562	1566.140	1579.717
36.5	1503.005	1515.225	1536.949	1551.884	1566.140
37.0	1486.713	1499.611	1521.335	1536.270	1551.884
37.5	1469.741	1482.639	1506.400	1522.692	1536.270
38.0	1452.769	1466.347	1490.107	1507.078	1519.977
38.5	1435.119	1449.375	1474.493	1492.822	1505.042
39.0	1419.505	1432.403	1458.200	1477.208	1492.822
39.5	1401.855	1416.790	1442.586	1461.595	1476.530
40.0	1382.846	1399.139	1426.294	1447.338	1460.916
40.5	1365.196	1382.167	1410.680	1432.403	1445.981
41.0	1348.903	1365.196	1394.387	1416.790	1430.367
41.5	1331.253	1348.224	1378.094	1401.176	1415.432
42.0	1313.602	1331.253	1361.802	1386.241	1400.497
42.5	1296.631	1313.602	1344.830	1370.627	1384.883
43.0	1277.622	1296.631	1329.216	1355.692	1369.948
43.5	1261.330	1278.980	1312.244	1340.078	1355.013
44.0	1243.000	1261.330	1295.273	1325.143	1339.399
44.5	1226.029	1244.358	1278.301	1308.850	1323.785
45.0	1208.378	1226.708	1262.009	1294.594	1309.529
45.5	1190.728	1209.736	1245.716	1279.659	1294.594
46.0	1173.077	1192.086	1228.065	1263.366	1278.980
46.5	1155.427	1174.435	1213.130	1249.789	1264.045
47.0	1137.098	1157.463	1196.159	1233.496	1249.110
47.5	1119.447	1139.813	1179.187	1217.882	1233.496
48.0	1102.475	1122.162	1162.215	1203.626	1217.882
48.5	1083.467	1105.191	1146.602	1187.333	1202.947
49.0	1066.496	1086.862	1128.951	1171.720	1187.333
49.5	1048.845	1069.890	1112.658	1156.785	1172.398
50.0	1030.516	1052.239	1096.366	1140.492	1156.785
50.5	1013.544	1035.268	1079.394	1126.915	1142.528
51.0	995.894	1017.617	1064.459	1111.301	1127.593
51.5	978.922	999.967	1047.487	1096.366	1112.658
52.0	960.593	982.995	1031.195	1080.752	1097.723
52.5	942.942	965.345	1015.581	1065.138	1083.467
53.0	924.613	948.373	999.288	1051.561	1067.853
53.5	906.963	931.402	983.674	1035.947	1053.597
54.0	889.991	914.430	968.060	1021.012	1039.341
54.5	873.698	896.780	952.446	1007.434	1025.085

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55.0	856.727	880.487	936.833	991.821	1012.186
55.5	842.470	863.515	921.219	977.564	996.573
56.0	826.178	848.580	906.284	963.308	982.316
56.5	809.206	832.966	890.670	949.052	968.739
57.0	792.913	817.352	875.735	934.796	954.483
57.5	775.942	801.060	862.836	921.219	938.869
58.0	758.970	784.767	847.901	906.284	927.328
58.5	742.677	768.474	832.966	893.385	913.751
59.0	726.385	752.182	818.710	881.845	899.495
59.5	710.092	736.568	805.812	867.588	888.633
60.0	693.799	720.275	791.556	854.011	875.056
60.5	677.846	704.661	777.299	841.113	861.479
61.0	661.825	689.047	763.043	828.214	848.580
61.5	645.939	673.569	748.787	815.316	836.361
62.0	630.325	658.227	735.210	803.096	823.462
62.5	614.915	643.020	720.954	790.877	811.243
63.0	599.301	627.881	707.376	777.978	800.381
63.5	583.823	612.946	694.478	765.759	788.161
64.0	568.752	598.215	680.901	752.860	775.942
64.5	553.750	583.823	668.002	740.641	763.722
65.0	538.882	569.363	655.036	728.421	752.182
65.5	524.219	555.243	642.206	716.202	739.962
66.0	509.352	541.123	629.511	703.982	728.421
66.5	494.824	527.342	616.884	692.441	716.881
67.0	480.636	513.697	604.325	680.222	705.340
67.5	466.380	500.255	592.037	668.817	693.799
68.0	452.327	487.153	579.818	657.276	682.937
68.5	438.478	474.119	567.870	646.075	671.600
69.0	424.697	461.220	556.058	634.806	660.874
69.5	411.120	448.593	544.381	623.876	650.216
70.0	397.611	436.170	532.908	613.150	639.626
70.5	384.441	423.883	521.436	602.424	629.171
71.0	371.407	411.731	510.166	591.834	618.853
71.5	358.508	399.851	499.169	581.515	608.670
72.0	345.881	387.903	488.171	571.264	598.758
72.5	333.187	376.362	477.445	561.217	588.915
73.0	320.831	364.889	466.787	551.306	579.003
73.5	308.815	353.552	456.468	541.462	569.363
74.0	296.935	342.555	446.014	531.958	559.656
74.5	285.259	331.489	436.034	522.522	550.491
75.0	273.650	320.695	426.123	513.289	541.598
75.5	262.245	310.173	416.347	504.125	532.569
76.0	251.180	299.854	406.843	495.028	523.744
76.5	240.182	289.671	397.407	486.135	514.918
77.0	229.320	279.556	388.107	477.309	506.365
77.5	218.662	269.713	378.942	468.756	497.879
78.0	208.140	260.073	370.049	460.338	489.529
78.5	197.821	250.569	361.224	451.852	481.247
79.0	187.706	241.336	352.670	443.638	473.100
79.5	177.659	232.172	344.252	435.627	464.954
80.0	167.747	223.143	335.834	427.684	457.215
80.5	158.107	214.385	327.688	419.674	449.340
81.0	148.739	205.764	319.881	411.935	441.669
81.5	139.235	197.346	312.074	404.264	433.998
82.0	130.070	189.132	304.471	396.864	426.598
82.5	121.109	181.053	297.003	389.464	419.334

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CANDELA TABULATION - (Cont.)

83.0	112.284	173.178	289.671	382.336	412.274
83.5	103.527	165.507	282.679	375.072	404.942
84.0	94.973	158.040	275.890	368.216	397.950
84.5	86.487	150.844	269.238	361.427	391.094
85.0	78.341	143.851	262.720	354.707	384.237
85.5	70.195	137.198	256.339	348.189	377.584
86.0	62.184	130.817	250.094	341.808	370.999
86.5	54.241	124.843	244.187	335.427	364.414
87.0	46.434	119.073	238.213	329.385	357.965
87.5	38.627	113.710	232.579	323.275	351.787
88.0	30.888	108.482	227.012	317.369	345.542
88.5	23.081	103.595	221.649	311.531	339.500
89.0	15.953	98.978	216.558	305.896	333.526
89.5	10.115	94.702	211.602	300.465	327.688
90.0	6.042	90.900	207.054	295.306	322.325
90.5	4.277	87.573	202.845	290.147	316.622
91.0	4.548	84.519	198.568	284.919	311.191
91.5	5.431	81.599	194.291	279.964	305.760
92.0	6.449	79.156	190.218	274.940	300.465
92.5	7.535	77.051	186.756	270.120	295.238
93.0	8.622	75.218	183.158	265.572	290.214
93.5	9.776	73.793	179.763	261.091	285.462
94.0	10.998	72.571	176.573	256.882	280.846
94.5	12.152	71.688	173.586	252.605	276.094
95.0	13.306	71.009	170.802	248.396	271.546
95.5	14.392	70.534	168.223	244.391	267.065
96.0	15.274	70.330	165.982	240.522	262.653
96.5	16.157	70.330	163.742	236.924	258.579
97.0	16.972	70.398	161.705	233.461	254.506
97.5	17.854	70.670	159.805	230.135	250.772
98.0	18.601	70.941	158.107	226.876	246.971
98.5	19.483	71.281	156.682	223.754	243.441
99.0	20.366	71.688	155.188	220.835	239.978
99.5	21.316	72.163	153.899	218.051	236.584
100.0	22.131	72.638	152.880	215.471	233.529
100.5	23.081	73.182	151.862	212.960	230.407
101.0	23.896	73.725	151.115	210.584	227.623
101.5	24.711	74.268	150.368	208.343	224.772
102.0	25.457	74.811	149.825	206.239	222.260
102.5	26.204	75.354	149.282	204.270	219.748
103.0	26.951	75.965	148.875	202.302	217.508
103.5	27.766	76.576	148.535	200.604	215.200
104.0	28.648	77.119	148.196	199.043	213.095
104.5	29.531	77.730	147.992	197.549	211.127
105.0	30.345	78.341	147.789	196.192	209.226
105.5	31.092	78.884	147.585	194.766	207.597
106.0	31.975	79.563	147.517	193.544	205.967
106.5	32.789	80.174	147.517	192.390	204.338
107.0	33.604	80.853	147.517	191.304	202.980
107.5	34.351	81.396	147.517	190.489	201.555
108.0	35.301	82.075	147.517	189.539	200.129
108.5	36.183	82.754	147.585	188.860	199.179
109.0	37.066	83.297	147.721	187.977	198.228
109.5	38.016	83.908	147.789	187.367	197.210
110.0	38.967	84.519	147.925	186.688	196.395
110.5	39.917	85.130	148.060	186.077	195.649

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CANDELA TABULATION - (Cont.)

111.0	40.868	85.741	148.128	185.534	194.834
111.5	41.818	86.284	148.196	185.126	194.155
112.0	42.836	86.895	148.332	184.719	193.341
112.5	43.855	87.506	148.468	184.244	192.594
113.0	44.941	88.117	148.671	183.904	192.254
113.5	45.959	88.660	148.671	183.565	191.779
114.0	47.045	89.203	148.807	183.293	191.304
114.5	48.064	89.814	148.943	182.954	190.897
115.0	49.150	90.289	149.079	182.750	190.557
115.5	50.236	90.900	149.079	182.547	190.218
116.0	51.254	91.443	149.282	182.275	189.810
116.5	52.205	91.986	149.418	182.003	189.675
117.0	53.291	92.597	149.554	182.003	189.335
117.5	54.309	93.072	149.690	181.732	189.132
118.0	55.192	93.547	149.825	181.596	188.860
118.5	56.210	94.023	149.893	181.393	188.792
119.0	57.092	94.498	150.029	181.189	188.385
119.5	58.043	94.837	150.165	180.985	188.317
120.0	58.925	95.177	150.097	180.849	187.977
120.5	59.808	95.584	150.165	180.578	187.910
121.0	60.690	95.856	150.301	180.374	187.638
121.5	61.641	96.195	150.233	180.103	187.502
122.0	62.523	96.602	150.233	179.967	187.299
122.5	63.406	97.010	150.301	179.695	186.823
123.0	64.288	97.417	150.233	179.424	186.756
123.5	65.103	97.756	150.097	179.220	186.348
124.0	65.782	98.028	150.097	179.016	186.280
124.5	66.461	98.300	150.097	178.677	186.009
125.0	67.140	98.639	149.961	178.338	185.737
125.5	67.819	98.843	149.825	178.134	185.398
126.0	68.430	99.114	149.757	177.727	185.126
126.5	68.973	99.454	149.622	177.455	184.923
127.0	69.584	99.589	149.486	177.116	184.651
127.5	70.059	99.793	149.282	176.776	184.176
128.0	70.670	99.793	149.214	176.369	183.904
128.5	71.145	99.929	148.943	176.029	183.633
129.0	71.620	100.065	148.671	175.690	183.293
129.5	72.027	100.268	148.196	175.147	182.886
130.0	72.367	100.404	147.721	174.808	182.479
130.5	72.706	100.540	147.178	174.400	182.003
131.0	72.910	100.743	146.635	173.789	181.528
131.5	73.182	100.947	146.092	173.246	181.053
132.0	73.453	101.151	145.481	172.907	180.646
132.5	73.589	101.219	144.802	172.228	180.035
133.0	73.793	101.287	144.530	171.617	179.288
133.5	73.860	101.219	144.123	171.142	178.949
134.0	73.928	101.083	143.851	170.599	178.473
134.5	74.132	100.811	143.512	169.988	177.591
135.0	74.336	100.608	143.105	169.173	176.912
135.5	74.268	100.065	142.765	168.630	176.369
136.0	74.404	99.997	142.290	167.951	175.690
136.5	74.539	99.793	141.951	167.204	175.011
137.0	74.607	99.454	141.407	166.593	174.264
137.5	74.675	99.114	140.932	165.779	173.586
138.0	74.811	98.911	140.253	165.100	172.771
138.5	74.811	98.639	139.371	164.353	172.160

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

139.0	74.743	98.435	138.353	163.470	171.210
139.5	74.743	98.164	137.131	162.520	170.531
140.0	74.743	97.824	135.773	161.638	169.580
140.5	74.743	97.621	134.551	160.551	168.562
141.0	74.743	97.485	133.193	159.397	167.747
141.5	74.743	97.213	131.835	158.379	166.933
142.0	74.675	97.078	130.546	157.089	166.050
142.5	74.607	96.874	129.188	155.935	165.032
143.0	74.539	96.670	127.898	154.849	164.014
143.5	74.539	96.399	126.405	153.695	163.063
144.0	74.539	96.059	125.115	152.812	161.977
144.5	74.743	95.788	123.825	151.794	161.027
145.0	75.014	95.516	122.399	150.912	159.940
145.5	75.490	95.177	121.109	150.029	158.854
146.0	76.101	94.905	119.887	149.079	157.836
146.5	76.712	94.634	118.869	148.060	156.682
147.0	77.323	94.294	117.715	147.042	155.528
147.5	77.866	94.158	116.833	146.024	154.374
148.0	78.477	93.887	115.882	144.870	153.152
148.5	79.020	93.819	115.135	143.783	151.930
149.0	79.699	93.819	114.321	142.697	150.844
149.5	80.174	94.023	113.574	141.543	149.486
150.0	80.717	94.158	112.827	140.457	148.060
150.5	81.192	94.226	112.013	139.235	146.567
151.0	81.532	94.430	110.926	138.013	144.802
151.5	81.871	94.498	109.772	136.723	143.172
152.0	82.278	94.634	108.686	135.366	141.543
152.5	82.686	94.769	107.668	133.940	139.778
153.0	82.957	94.837	106.582	132.311	138.353
153.5	83.297	95.041	105.428	130.613	136.723
154.0	83.568	94.973	104.409	128.713	135.366
154.5	83.908	95.041	103.527	126.880	134.008
155.0	84.043	95.177	102.644	124.775	132.989
155.5	84.315	95.245	101.762	122.807	131.903
156.0	84.519	95.245	101.151	120.702	130.953
156.5	84.858	95.245	100.540	118.598	129.731
157.0	84.994	95.380	99.929	116.697	128.577
157.5	85.197	95.380	99.521	114.864	127.287
158.0	85.469	95.313	99.318	112.963	126.065
158.5	85.537	95.313	99.046	111.402	124.639
159.0	85.876	95.109	98.843	109.908	123.418
159.5	86.148	94.973	98.503	108.482	122.060
160.0	86.487	94.837	98.164	107.328	120.702
160.5	86.895	94.769	97.892	106.242	119.412
161.0	87.166	94.566	97.824	105.088	118.122
161.5	87.573	94.498	97.689	103.934	117.172
162.0	87.913	94.362	97.892	102.984	116.357
162.5	88.252	94.362	98.028	101.965	115.407
163.0	88.660	94.294	98.096	100.879	114.592
163.5	88.999	94.294	98.232	99.725	113.574
164.0	89.135	94.294	98.367	98.300	112.624
164.5	89.339	94.158	98.232	97.213	111.402
165.0	89.542	94.158	98.028	96.127	110.180
165.5	89.746	94.091	97.824	95.380	108.890
166.0	89.950	94.023	97.689	94.566	106.921
166.5	90.153	94.023	97.485	93.887	105.971

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

167.0	90.425	94.023	97.281	93.276	105.224
167.5	90.560	94.023	96.874	92.733	104.477
168.0	90.764	94.023	96.534	92.190	103.866
168.5	91.171	93.751	96.059	91.715	103.119
169.0	91.375	93.819	95.720	91.239	102.373
169.5	91.715	93.615	95.177	90.696	101.558
170.0	91.850	93.547	94.702	90.017	100.811
170.5	92.054	93.412	94.091	89.271	99.997
171.0	92.190	93.276	93.412	88.456	98.978
171.5	92.393	93.276	92.801	87.709	98.164
172.0	92.733	93.140	92.461	86.963	96.942
172.5	92.937	93.140	92.054	86.148	95.584
173.0	93.208	93.004	91.715	85.401	93.276
173.5	93.547	93.072	91.579	84.654	89.814
174.0	93.819	93.072	91.511	84.043	85.537
174.5	94.023	93.072	91.375	83.432	80.445
175.0	94.430	93.276	91.307	82.957	74.675
175.5	94.566	93.344	91.239	82.754	68.633
176.0	94.837	93.480	91.239	82.550	64.696
176.5	94.905	93.547	91.171	82.550	61.912
177.0	95.177	93.683	91.036	82.346	59.061
177.5	95.245	93.683	90.832	82.278	58.450
178.0	95.516	93.819	90.764	82.210	58.586
178.5	95.652	93.887	90.832	82.075	58.722
179.0	95.788	93.887	90.764	81.871	58.790
179.5	95.924	93.887	90.696	81.803	58.858
180.0	86.012	86.012	86.012	86.012	86.012

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-3-L64-850-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	777.21	N.A.	11.70
0-30	1628.53	N.A.	24.50
0-40	2616.00	N.A.	39.40
0-60	4427.24	N.A.	66.70
0-80	5515.55	N.A.	83.10
0-90	5789.26	N.A.	87.30
10-90	5586.64	N.A.	84.20
20-40	1838.79	N.A.	27.70
20-50	2811.21	N.A.	42.40
40-70	2456.43	N.A.	37.00
60-80	1088.31	N.A.	16.40
70-80	443.12	N.A.	6.70
80-90	273.71	N.A.	4.10
90-110	319.69	N.A.	4.80
90-120	454.28	N.A.	6.80
90-130	578.15	N.A.	8.70
90-150	759.00	N.A.	11.40
90-180	845.46	N.A.	12.70
110-180	525.77	N.A.	7.90
0-180	6634.72	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	202.62
10-20	574.59
20-30	851.31
30-40	987.48
40-50	972.42
50-60	838.82
60-70	645.19
70-80	443.12
80-90	273.71
90-100	175.37
100-110	144.33
110-120	134.59
120-130	123.87
130-140	104.09
140-150	76.76
150-160	50.19
160-170	27.65
170-180	8.61

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-3-L64-850-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-3-L64-850-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	19.4	20.7	19.9	21.3	21.9	21.0	22.4	21.6	22.9	23.6
	3H	20.7	22.0	21.3	22.5	23.2	23.2	24.4	23.8	25.0	25.7
	4H	21.2	22.3	21.8	22.9	23.6	24.3	25.4	24.8	26.0	26.7
	6H	21.5	22.6	22.1	23.2	23.8	25.4	26.5	26.0	27.1	27.7
	8H	21.5	22.6	22.2	23.2	23.9	25.9	27.0	26.6	27.6	28.3
	12H	21.6	22.6	22.2	23.2	23.9	26.6	27.6	27.2	28.2	28.9

UGR Viewed Endwise

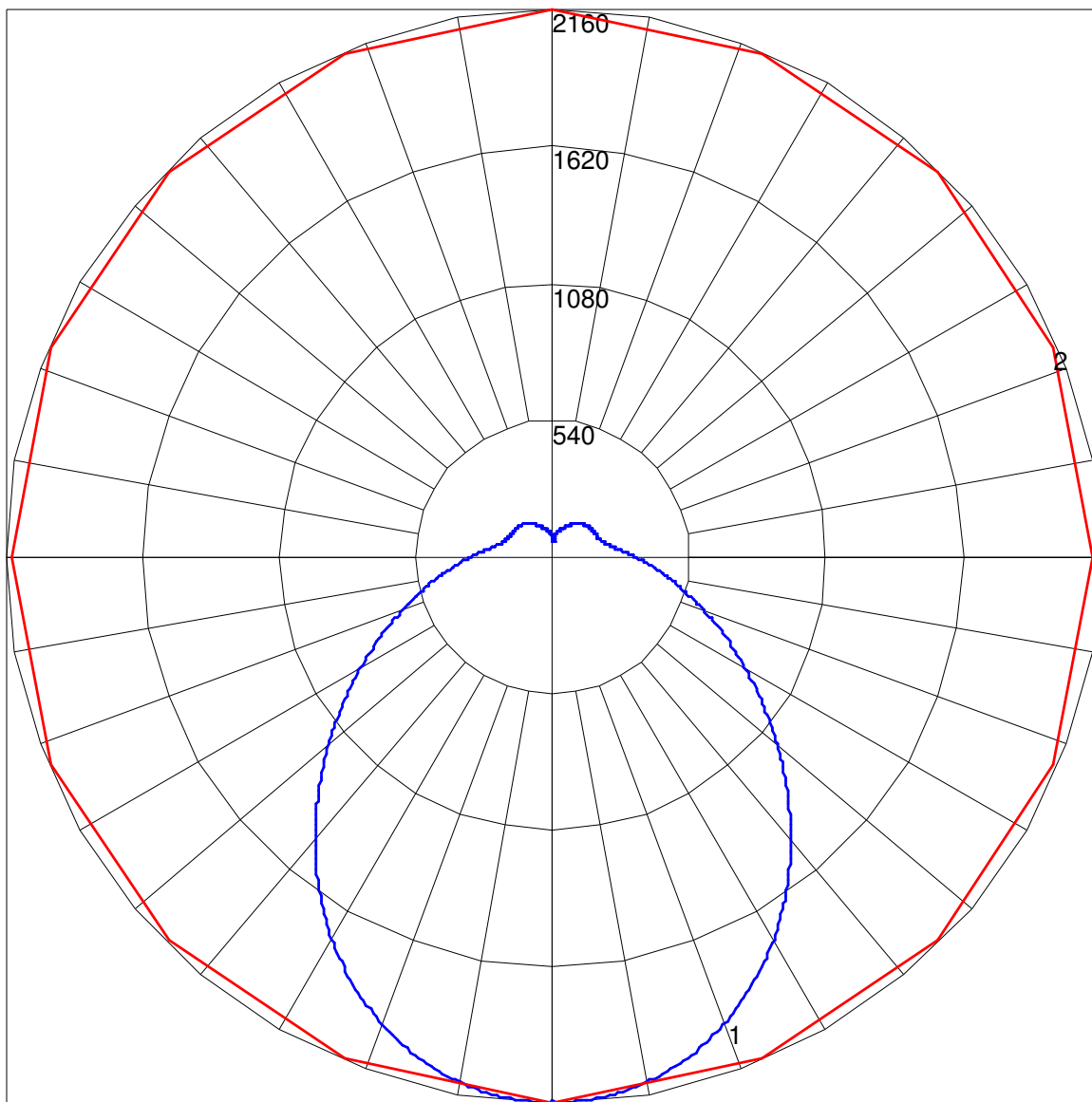
4H	2H	20.1	21.3	20.7	21.9	22.5	21.4	22.6	22.0	23.2	23.8
	3H	21.7	22.7	22.3	23.3	24.0	23.8	24.8	24.4	25.5	26.2
	4H	22.3	23.2	22.9	23.8	24.5	25.1	26.0	25.7	26.6	27.3
	6H	22.7	23.5	23.3	24.1	24.9	26.4	27.2	27.0	27.8	28.6
	8H	22.8	23.5	23.5	24.2	24.9	27.1	27.8	27.7	28.5	29.2
	12H	22.9	23.5	23.5	24.2	25.0	27.8	28.5	28.5	29.2	30.0

8H	4H	22.8	23.6	23.5	24.2	25.0	25.3	26.0	25.9	26.7	27.4
	6H	23.4	24.0	24.1	24.7	25.5	26.8	27.4	27.4	28.1	28.8
	8H	23.6	24.2	24.3	24.9	25.7	27.6	28.2	28.3	28.9	29.6
	12H	23.8	24.3	24.5	25.0	25.8	28.6	29.1	29.3	29.8	30.6

12H	4H	23.0	23.7	23.7	24.3	25.1	25.3	26.0	25.9	26.6	27.4
	6H	23.7	24.2	24.4	24.9	25.7	26.8	27.4	27.5	28.0	28.9
	8H	24.0	24.5	24.7	25.2	26.0	27.7	28.2	28.4	28.9	29.7

Maximum UGR = 30.6

POLAR GRAPH



Maximum Candela = 2160.146 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.)