

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-8-L60-850-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-L60-850-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	5851
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	166
Total Luminaire Watts	35.3
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	6472	5772	5677
55	5630	4953	4984
65	4769	4255	4442
75	3887	3737	4152
85	3053	3718	4387

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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	1893.722	1893.722	1893.722	1893.722	1893.722
0.5	1884.741	1891.926	1893.123	1892.525	1905.097
1.0	1884.741	1892.525	1892.525	1891.926	1904.499
1.5	1882.945	1892.525	1891.926	1891.327	1905.097
2.0	1882.346	1890.728	1891.926	1890.728	1903.301
2.5	1882.346	1890.728	1890.130	1890.130	1902.104
3.0	1880.550	1888.932	1888.932	1888.932	1900.907
3.5	1879.353	1887.136	1887.136	1887.735	1899.709
4.0	1878.156	1885.939	1885.939	1885.340	1898.512
4.5	1875.162	1884.143	1884.741	1884.143	1896.716
5.0	1873.366	1882.346	1882.346	1882.346	1894.919
5.5	1870.971	1879.952	1879.952	1880.550	1892.525
6.0	1869.774	1876.958	1877.557	1877.557	1890.130
6.5	1865.583	1874.563	1875.162	1875.162	1887.136
7.0	1863.188	1871.570	1872.168	1871.570	1884.741
7.5	1860.793	1867.977	1869.175	1869.175	1881.748
8.0	1857.799	1865.583	1865.583	1865.583	1877.557
8.5	1854.806	1861.392	1862.589	1862.589	1873.965
9.0	1850.016	1858.398	1858.997	1858.398	1869.774
9.5	1847.023	1854.207	1854.207	1854.207	1867.379
10.0	1842.233	1849.417	1849.417	1850.615	1862.589
10.5	1838.042	1845.226	1845.825	1845.825	1858.398
11.0	1833.851	1841.035	1841.634	1841.035	1853.608
11.5	1828.463	1836.246	1837.443	1836.246	1849.417
12.0	1823.673	1830.857	1832.055	1832.055	1844.029
12.5	1818.883	1825.469	1827.265	1826.068	1839.239
13.0	1813.495	1820.679	1821.877	1821.278	1833.851
13.5	1808.106	1814.692	1815.890	1815.890	1829.061
14.0	1801.521	1808.705	1809.902	1809.902	1822.475
14.5	1796.132	1802.718	1803.915	1803.915	1817.686
15.0	1790.744	1796.731	1797.330	1797.330	1810.501
15.5	1784.158	1789.546	1791.342	1791.342	1803.317
16.0	1776.973	1782.961	1784.757	1784.757	1797.330
16.5	1770.986	1775.776	1777.572	1778.171	1790.744
17.0	1762.604	1767.993	1770.388	1770.986	1783.559
17.5	1755.420	1760.808	1763.203	1763.802	1776.375
18.0	1748.834	1753.624	1755.420	1757.216	1769.789
18.5	1741.051	1746.439	1748.235	1749.433	1762.006
19.0	1733.268	1737.458	1740.452	1741.649	1753.624
19.5	1724.287	1730.274	1732.669	1735.064	1745.840
20.0	1714.707	1721.293	1724.287	1726.083	1737.458
20.5	1705.128	1713.510	1715.905	1718.300	1729.675
21.0	1697.345	1703.931	1705.727	1710.517	1721.293
21.5	1688.364	1694.950	1697.944	1700.338	1712.313
22.0	1678.785	1686.568	1689.562	1691.956	1704.529
22.5	1670.403	1675.791	1679.982	1683.575	1695.549
23.0	1660.225	1666.212	1670.403	1673.995	1685.969
23.5	1649.448	1656.034	1661.422	1665.015	1676.989
24.0	1638.671	1645.856	1651.244	1655.435	1667.409
24.5	1629.691	1635.678	1641.665	1645.257	1656.633
25.0	1619.512	1625.500	1632.085	1635.678	1647.053
25.5	1608.137	1615.322	1620.710	1626.098	1635.678
26.0	1597.360	1603.946	1611.131	1615.920	1626.697
26.5	1585.985	1592.571	1600.952	1605.143	1616.519

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27.0	1574.609	1580.596	1590.774	1596.163	1606.341
27.5	1561.438	1569.221	1579.399	1584.189	1596.163
28.0	1551.858	1557.845	1568.023	1573.412	1584.787
28.5	1539.285	1546.470	1556.648	1562.036	1573.412
29.0	1527.311	1534.496	1544.674	1551.259	1562.635
29.5	1514.738	1521.923	1532.699	1539.285	1550.661
30.0	1502.165	1509.948	1520.725	1529.107	1540.483
30.5	1488.994	1496.777	1509.350	1517.732	1528.508
31.0	1476.421	1484.204	1496.777	1505.757	1515.936
31.5	1463.249	1472.230	1484.803	1494.382	1505.159
32.0	1450.676	1458.459	1472.828	1481.809	1492.586
32.5	1436.906	1445.288	1460.255	1469.835	1480.612
33.0	1423.734	1432.715	1446.485	1457.861	1468.637
33.5	1411.161	1419.543	1434.511	1444.689	1456.064
34.0	1396.193	1405.773	1421.339	1432.715	1444.689
34.5	1382.423	1392.601	1408.766	1419.543	1431.517
35.0	1369.850	1378.232	1396.193	1407.569	1418.944
35.5	1353.685	1365.060	1382.423	1394.397	1405.773
36.0	1341.112	1350.691	1369.251	1381.226	1393.200
36.5	1325.546	1336.322	1355.481	1368.653	1381.226
37.0	1311.176	1322.552	1341.711	1354.882	1368.653
37.5	1296.209	1307.584	1328.539	1342.908	1354.882
38.0	1281.241	1293.215	1314.170	1329.138	1340.513
38.5	1265.674	1278.247	1300.400	1316.565	1327.342
39.0	1251.904	1263.280	1286.031	1302.795	1316.565
39.5	1236.338	1249.509	1272.260	1289.024	1302.196
40.0	1219.574	1233.943	1257.891	1276.451	1288.425
40.5	1204.007	1218.975	1244.121	1263.280	1275.254
41.0	1189.638	1204.007	1229.752	1249.509	1261.483
41.5	1174.072	1189.039	1215.383	1235.739	1248.312
42.0	1158.505	1174.072	1201.014	1222.567	1235.140
42.5	1143.537	1158.505	1186.046	1208.797	1221.370
43.0	1126.774	1143.537	1172.276	1195.625	1208.198
43.5	1112.405	1127.971	1157.308	1181.855	1195.027
44.0	1096.239	1112.405	1142.340	1168.683	1181.256
44.5	1081.272	1097.437	1127.372	1154.314	1167.486
45.0	1065.705	1081.870	1113.003	1141.741	1154.913
45.5	1050.139	1066.902	1098.634	1128.570	1141.741
46.0	1034.572	1051.336	1083.068	1114.201	1127.971
46.5	1019.006	1035.770	1069.896	1102.226	1114.799
47.0	1002.840	1020.802	1054.928	1087.857	1101.628
47.5	987.274	1005.235	1039.961	1074.087	1087.857
48.0	972.306	989.669	1024.993	1061.514	1074.087
48.5	955.542	974.701	1011.222	1047.145	1060.915
49.0	940.575	958.536	995.656	1033.375	1047.145
49.5	925.008	943.568	981.287	1020.203	1033.973
50.0	908.843	928.002	966.918	1005.834	1020.203
50.5	893.875	913.034	951.950	993.860	1007.630
51.0	878.309	897.467	938.778	980.089	994.458
51.5	863.341	881.901	923.811	966.918	981.287
52.0	847.176	866.933	909.442	953.147	968.115
52.5	831.609	851.367	895.671	939.377	955.542
53.0	815.444	836.399	881.302	927.403	941.772
53.5	799.878	821.431	867.532	913.633	929.199
54.0	784.910	806.463	853.761	900.461	916.626
54.5	770.541	790.897	839.991	888.487	904.053

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55.0	755.573	776.528	826.221	874.716	892.678
55.5	743.000	761.560	812.450	862.143	878.907
56.0	728.631	748.388	799.279	849.571	866.334
56.5	713.663	734.618	785.508	836.998	854.360
57.0	699.294	720.848	772.337	824.425	841.787
57.5	684.326	706.479	760.961	812.450	828.017
58.0	669.359	692.110	747.790	799.279	817.839
58.5	654.990	677.741	734.618	787.903	805.865
59.0	640.620	663.371	722.045	777.725	793.292
59.5	626.251	649.601	710.670	765.152	783.712
60.0	611.882	635.232	698.097	753.178	771.738
60.5	597.813	621.462	685.524	741.803	759.764
61.0	583.683	607.691	672.951	730.427	748.388
61.5	569.673	594.041	660.378	719.052	737.612
62.0	555.903	580.510	648.404	708.275	726.236
62.5	542.312	567.099	635.831	697.498	715.459
63.0	528.542	553.748	623.857	686.122	705.880
63.5	514.891	540.576	612.481	675.346	695.103
64.0	501.600	527.584	600.507	663.970	684.326
64.5	488.368	514.891	589.131	653.193	673.550
65.0	475.257	502.139	577.696	642.417	663.371
65.5	462.324	489.685	566.380	631.640	652.595
66.0	449.213	477.232	555.184	620.863	642.417
66.5	436.400	465.078	544.048	610.685	632.239
67.0	423.887	453.044	532.972	599.908	622.060
67.5	411.314	441.190	522.136	589.850	611.882
68.0	398.921	429.635	511.359	579.672	602.303
68.5	386.707	418.140	500.822	569.793	592.305
69.0	374.553	406.764	490.404	559.854	582.845
69.5	362.579	395.628	480.106	550.215	573.445
70.0	350.665	384.672	469.988	540.756	564.105
70.5	339.050	373.835	459.870	531.296	554.885
71.0	327.555	363.118	449.931	521.956	545.785
71.5	316.179	352.641	440.232	512.856	536.804
72.0	305.043	342.103	430.533	503.815	528.063
72.5	293.847	331.925	421.073	494.954	519.382
73.0	282.951	321.807	411.673	486.213	510.640
73.5	272.354	311.809	402.573	477.532	502.139
74.0	261.876	302.109	393.353	469.150	493.577
74.5	251.578	292.350	384.552	460.828	485.495
75.0	241.340	282.831	375.811	452.685	477.651
75.5	231.282	273.551	367.189	444.603	469.689
76.0	221.523	264.451	358.807	436.580	461.905
76.5	211.824	255.470	350.485	428.737	454.122
77.0	202.244	246.549	342.283	420.954	446.578
77.5	192.845	237.868	334.200	413.410	439.094
78.0	183.565	229.366	326.357	405.986	431.730
78.5	174.464	220.984	318.574	398.502	424.426
79.0	165.544	212.842	311.030	391.257	417.241
79.5	156.683	204.759	303.606	384.193	410.057
80.0	147.941	196.796	296.182	377.188	403.232
80.5	139.440	189.073	288.998	370.123	396.287
81.0	131.178	181.469	282.112	363.298	389.521
81.5	122.796	174.045	275.227	356.532	382.756
82.0	114.713	166.801	268.522	350.006	376.230
82.5	106.810	159.676	261.936	343.480	369.824

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CANDELA TABULATION - (Cont.)

83.0	99.027	152.731	255.470	337.194	363.597
83.5	91.303	145.966	249.303	330.788	357.131
84.0	83.760	139.380	243.316	324.741	350.964
84.5	76.276	133.034	237.449	318.754	344.917
85.0	69.091	126.867	231.701	312.826	338.870
85.5	61.907	120.999	226.073	307.079	333.003
86.0	54.842	115.372	220.565	301.451	327.195
86.5	47.837	110.103	215.356	295.823	321.388
87.0	40.952	105.014	210.088	290.494	315.700
87.5	34.067	100.284	205.118	285.106	310.252
88.0	27.241	95.674	200.209	279.897	304.744
88.5	20.356	91.363	195.479	274.748	299.415
89.0	14.070	87.292	190.989	269.779	294.147
89.5	8.921	83.520	186.618	264.989	288.998
90.0	5.329	80.167	182.607	260.439	284.268
90.5	3.772	77.234	178.895	255.889	279.239
91.0	4.011	74.539	175.123	251.279	274.449
91.5	4.790	71.965	171.351	246.908	269.659
92.0	5.688	69.810	167.759	242.478	264.989
92.5	6.646	67.954	164.705	238.227	260.379
93.0	7.604	66.337	161.532	234.216	255.949
93.5	8.621	65.080	158.539	230.264	251.758
94.0	9.699	64.002	155.725	226.552	247.687
94.5	10.717	63.224	153.090	222.780	243.496
95.0	11.735	62.625	150.636	219.068	239.484
95.5	12.693	62.206	148.361	215.536	235.533
96.0	13.471	62.026	146.385	212.123	231.641
96.5	14.249	62.026	144.409	208.950	228.049
97.0	14.968	62.086	142.613	205.897	224.457
97.5	15.746	62.326	140.937	202.963	221.164
98.0	16.405	62.565	139.440	200.089	217.811
98.5	17.183	62.865	138.182	197.335	214.698
99.0	17.961	63.224	136.865	194.761	211.644
99.5	18.800	63.643	135.728	192.306	208.651
100.0	19.518	64.062	134.830	190.031	205.956
100.5	20.356	64.541	133.932	187.816	203.202
101.0	21.075	65.020	133.273	185.720	200.748
101.5	21.793	65.499	132.614	183.744	198.233
102.0	22.452	65.978	132.135	181.888	196.018
102.5	23.110	66.457	131.656	180.152	193.803
103.0	23.769	66.996	131.297	178.416	191.827
103.5	24.487	67.535	130.998	176.919	189.791
104.0	25.266	68.014	130.699	175.542	187.935
104.5	26.044	68.552	130.519	174.225	186.199
105.0	26.762	69.091	130.339	173.027	184.523
105.5	27.421	69.570	130.160	171.770	183.086
106.0	28.199	70.169	130.100	170.692	181.649
106.5	28.918	70.708	130.100	169.675	180.212
107.0	29.636	71.306	130.100	168.717	179.015
107.5	30.295	71.785	130.100	167.998	177.757
108.0	31.133	72.384	130.100	167.160	176.500
108.5	31.911	72.983	130.160	166.561	175.662
109.0	32.690	73.462	130.279	165.783	174.824
109.5	33.528	74.001	130.339	165.244	173.925
110.0	34.366	74.539	130.459	164.645	173.207
110.5	35.204	75.078	130.579	164.107	172.548

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CANDELA TABULATION - (Cont.)

111.0	36.042	75.617	130.639	163.628	171.830
111.5	36.881	76.096	130.699	163.268	171.231
112.0	37.779	76.635	130.818	162.909	170.513
112.5	38.677	77.174	130.938	162.490	169.854
113.0	39.635	77.713	131.118	162.191	169.555
113.5	40.533	78.192	131.118	161.891	169.136
114.0	41.491	78.671	131.237	161.652	168.717
114.5	42.389	79.209	131.357	161.353	168.357
115.0	43.347	79.629	131.477	161.173	168.058
115.5	44.305	80.167	131.477	160.993	167.759
116.0	45.203	80.646	131.656	160.754	167.400
116.5	46.041	81.125	131.776	160.514	167.280
117.0	46.999	81.664	131.896	160.514	166.980
117.5	47.897	82.083	132.016	160.275	166.801
118.0	48.675	82.502	132.135	160.155	166.561
118.5	49.573	82.921	132.195	159.976	166.501
119.0	50.352	83.341	132.315	159.796	166.142
119.5	51.190	83.640	132.435	159.616	166.082
120.0	51.968	83.939	132.375	159.497	165.783
120.5	52.746	84.298	132.435	159.257	165.723
121.0	53.525	84.538	132.555	159.077	165.484
121.5	54.363	84.837	132.495	158.838	165.364
122.0	55.141	85.197	132.495	158.718	165.184
122.5	55.920	85.556	132.555	158.479	164.765
123.0	56.698	85.915	132.495	158.239	164.705
123.5	57.416	86.214	132.375	158.060	164.346
124.0	58.015	86.454	132.375	157.880	164.286
124.5	58.614	86.693	132.375	157.581	164.047
125.0	59.212	86.993	132.255	157.281	163.807
125.5	59.811	87.172	132.135	157.102	163.508
126.0	60.350	87.412	132.076	156.742	163.268
126.5	60.829	87.711	131.956	156.503	163.089
127.0	61.368	87.831	131.836	156.204	162.849
127.5	61.787	88.010	131.656	155.904	162.430
128.0	62.326	88.010	131.597	155.545	162.191
128.5	62.745	88.130	131.357	155.246	161.951
129.0	63.164	88.250	131.118	154.946	161.652
129.5	63.523	88.430	130.699	154.467	161.293
130.0	63.823	88.549	130.279	154.168	160.933
130.5	64.122	88.669	129.800	153.809	160.514
131.0	64.302	88.849	129.322	153.270	160.095
131.5	64.541	89.028	128.843	152.791	159.676
132.0	64.780	89.208	128.304	152.492	159.317
132.5	64.900	89.268	127.705	151.893	158.778
133.0	65.080	89.328	127.466	151.354	158.120
133.5	65.140	89.268	127.106	150.935	157.820
134.0	65.200	89.148	126.867	150.456	157.401
134.5	65.379	88.909	126.567	149.917	156.623
135.0	65.559	88.729	126.208	149.199	156.024
135.5	65.499	88.250	125.909	148.720	155.545
136.0	65.619	88.190	125.490	148.121	154.946
136.5	65.738	88.010	125.190	147.462	154.348
137.0	65.798	87.711	124.711	146.924	153.689
137.5	65.858	87.412	124.292	146.205	153.090
138.0	65.978	87.232	123.694	145.606	152.372
138.5	65.978	86.993	122.915	144.948	151.833

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CANDELA TABULATION - (Cont.)

139.0	65.918	86.813	122.017	144.170	150.995
139.5	65.918	86.574	120.940	143.331	150.396
140.0	65.918	86.274	119.742	142.553	149.558
140.5	65.918	86.095	118.664	141.595	148.660
141.0	65.918	85.975	117.467	140.577	147.941
141.5	65.918	85.735	116.270	139.679	147.223
142.0	65.858	85.616	115.132	138.542	146.445
142.5	65.798	85.436	113.935	137.524	145.547
143.0	65.738	85.256	112.797	136.566	144.649
143.5	65.738	85.017	111.480	135.548	143.810
144.0	65.738	84.718	110.342	134.770	142.852
144.5	65.918	84.478	109.205	133.872	142.014
145.0	66.158	84.239	107.948	133.093	141.056
145.5	66.577	83.939	106.810	132.315	140.098
146.0	67.115	83.700	105.732	131.477	139.200
146.5	67.654	83.460	104.834	130.579	138.182
147.0	68.193	83.161	103.816	129.681	137.165
147.5	68.672	83.041	103.038	128.783	136.147
148.0	69.211	82.802	102.200	127.765	135.069
148.5	69.690	82.742	101.541	126.807	133.991
149.0	70.289	82.742	100.823	125.849	133.034
149.5	70.708	82.921	100.164	124.831	131.836
150.0	71.187	83.041	99.506	123.873	130.579
150.5	71.606	83.101	98.787	122.796	129.262
151.0	71.905	83.281	97.829	121.718	127.705
151.5	72.205	83.341	96.812	120.580	126.268
152.0	72.564	83.460	95.854	119.383	124.831
152.5	72.923	83.580	94.956	118.126	123.275
153.0	73.162	83.640	93.998	116.689	122.017
153.5	73.462	83.820	92.980	115.192	120.580
154.0	73.701	83.760	92.082	113.516	119.383
154.5	74.001	83.820	91.303	111.899	118.185
155.0	74.120	83.939	90.525	110.043	117.287
155.5	74.360	83.999	89.747	108.307	116.329
156.0	74.539	83.999	89.208	106.451	115.491
156.5	74.839	83.999	88.669	104.595	114.414
157.0	74.959	84.119	88.130	102.918	113.396
157.5	75.138	84.119	87.771	101.302	112.258
158.0	75.378	84.059	87.591	99.625	111.181
158.5	75.438	84.059	87.352	98.248	109.923
159.0	75.737	83.879	87.172	96.931	108.846
159.5	75.976	83.760	86.873	95.674	107.648
160.0	76.276	83.640	86.574	94.656	106.451
160.5	76.635	83.580	86.334	93.698	105.313
161.0	76.874	83.400	86.274	92.680	104.176
161.5	77.234	83.341	86.154	91.663	103.337
162.0	77.533	83.221	86.334	90.824	102.619
162.5	77.832	83.221	86.454	89.926	101.781
163.0	78.192	83.161	86.514	88.968	101.062
163.5	78.491	83.161	86.633	87.951	100.164
164.0	78.611	83.161	86.753	86.693	99.326
164.5	78.790	83.041	86.633	85.735	98.248
165.0	78.970	83.041	86.454	84.777	97.171
165.5	79.150	82.981	86.274	84.119	96.033
166.0	79.329	82.921	86.154	83.400	94.297
166.5	79.509	82.921	85.975	82.802	93.459

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CANDELA TABULATION - (Cont.)

167.0	79.748	82.921	85.795	82.263	92.800
167.5	79.868	82.921	85.436	81.784	92.142
168.0	80.048	82.921	85.137	81.305	91.603
168.5	80.407	82.682	84.718	80.886	90.944
169.0	80.586	82.742	84.418	80.467	90.286
169.5	80.886	82.562	83.939	79.988	89.567
170.0	81.006	82.502	83.520	79.389	88.909
170.5	81.185	82.383	82.981	78.730	88.190
171.0	81.305	82.263	82.383	78.012	87.292
171.5	81.485	82.263	81.844	77.353	86.574
172.0	81.784	82.143	81.544	76.695	85.496
172.5	81.963	82.143	81.185	75.976	84.298
173.0	82.203	82.023	80.886	75.318	82.263
173.5	82.502	82.083	80.766	74.659	79.209
174.0	82.742	82.083	80.706	74.120	75.438
174.5	82.921	82.083	80.586	73.582	70.947
175.0	83.281	82.263	80.527	73.162	65.858
175.5	83.400	82.323	80.467	72.983	60.530
176.0	83.640	82.442	80.467	72.803	57.057
176.5	83.700	82.502	80.407	72.803	54.602
177.0	83.939	82.622	80.287	72.624	52.088
177.5	83.999	82.622	80.107	72.564	51.549
178.0	84.239	82.742	80.048	72.504	51.669
178.5	84.358	82.802	80.107	72.384	51.788
179.0	84.478	82.802	80.048	72.205	51.848
179.5	84.598	82.802	79.988	72.145	51.908
180.0	75.857	75.857	75.857	75.857	75.857

IES INDOOR REPORT
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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	685.45	N.A.	11.70
0-30	1436.25	N.A.	24.50
0-40	2307.13	N.A.	39.40
0-60	3904.52	N.A.	66.70
0-80	4864.33	N.A.	83.10
0-90	5105.72	N.A.	87.30
10-90	4927.03	N.A.	84.20
20-40	1621.68	N.A.	27.70
20-50	2479.29	N.A.	42.40
40-70	2166.4	N.A.	37.00
60-80	959.81	N.A.	16.40
70-80	390.80	N.A.	6.70
80-90	241.39	N.A.	4.10
90-110	281.95	N.A.	4.80
90-120	400.64	N.A.	6.80
90-130	509.89	N.A.	8.70
90-150	669.39	N.A.	11.40
90-180	745.63	N.A.	12.70
110-180	463.69	N.A.	7.90
0-180	5851.36	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	178.70
10-20	506.75
20-30	750.80
30-40	870.88
40-50	857.61
50-60	739.78
60-70	569.01
70-80	390.80
80-90	241.39
90-100	154.66
100-110	127.29
110-120	118.70
120-130	109.24
130-140	91.80
140-150	67.70
150-160	44.26
160-170	24.39
170-180	7.60

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L60-850-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	87	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-L60-850-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	15.5	16.9	16.0	17.4	18.0	17.2	18.6	17.8	19.1	19.7
	3H	16.9	18.1	17.4	18.7	19.3	19.4	20.7	20.0	21.2	21.9
	4H	17.3	18.5	17.9	19.0	19.7	20.5	21.7	21.1	22.2	22.9
	6H	17.6	18.7	18.2	19.3	20.0	21.6	22.7	22.2	23.3	24.0
	8H	17.7	18.7	18.3	19.3	20.0	22.2	23.3	22.9	23.9	24.6
	12H	17.7	18.7	18.3	19.3	20.0	23.0	23.9	23.6	24.6	25.3

UGR Viewed Endwise

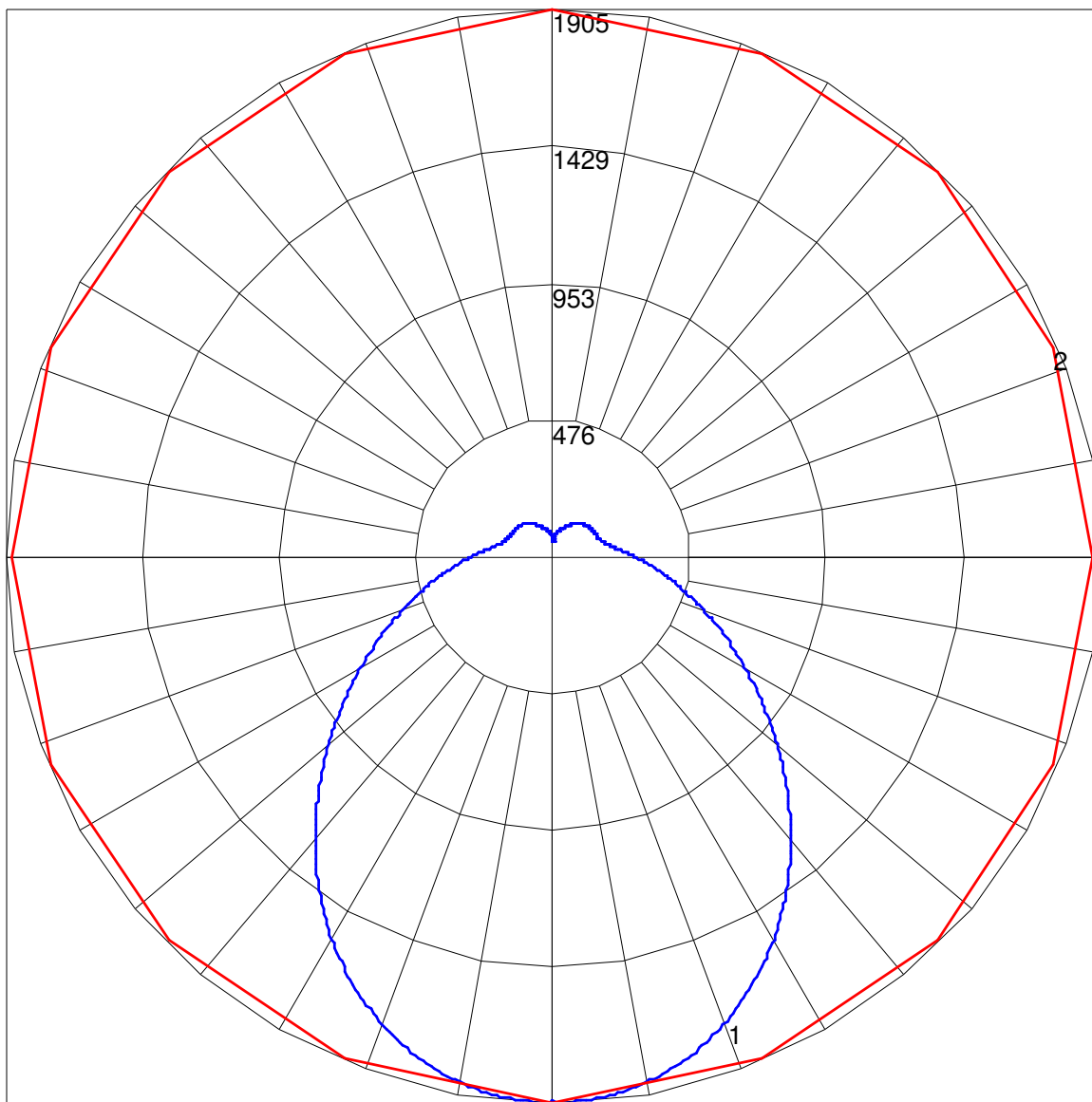
4H	2H	16.2	17.4	16.8	18.0	18.7	17.6	18.8	18.2	19.4	20.0
	3H	17.8	18.8	18.4	19.4	20.1	20.1	21.0	20.7	21.7	22.4
	4H	18.4	19.3	19.0	19.9	20.7	21.3	22.2	21.9	22.8	23.6
	6H	18.8	19.6	19.5	20.3	21.0	22.7	23.4	23.3	24.1	24.8
	8H	18.9	19.7	19.6	20.3	21.1	23.4	24.1	24.0	24.8	25.5
	12H	19.0	19.7	19.7	20.4	21.1	24.2	24.9	24.9	25.6	26.3

8H	4H	19.0	19.7	19.6	20.4	21.1	21.5	22.2	22.2	22.9	23.7
	6H	19.6	20.2	20.2	20.9	21.6	23.0	23.7	23.7	24.4	25.1
	8H	19.8	20.3	20.5	21.0	21.8	23.9	24.5	24.6	25.2	25.9
	12H	19.9	20.4	20.6	21.1	21.9	24.9	25.4	25.6	26.1	26.9

12H	4H	19.2	19.8	19.8	20.5	21.3	21.5	22.2	22.2	22.9	23.6
	6H	19.8	20.4	20.5	21.1	21.9	23.1	23.6	23.8	24.3	25.1
	8H	20.1	20.6	20.8	21.3	22.1	24.0	24.5	24.7	25.2	26.0

Maximum UGR = 26.9

POLAR GRAPH



Maximum Candela = 1905.097 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.)