

## IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-3-L64-930-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-L64-930-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	5133
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	106
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	14829	13319	13246
55	12803	11386	11628
65	10711	9732	10363
75	8505	8473	9686
85	5997	8276	10234

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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	1661.078	1661.078	1661.078	1661.078	1661.078
0.5	1653.201	1659.503	1660.553	1660.028	1671.056
1.0	1653.201	1660.028	1660.028	1659.503	1670.531
1.5	1651.625	1660.028	1659.503	1658.978	1671.056
2.0	1651.100	1658.453	1659.503	1658.453	1669.481
2.5	1651.100	1658.453	1657.927	1657.927	1668.431
3.0	1649.525	1656.877	1656.877	1656.877	1667.380
3.5	1648.474	1655.302	1655.302	1655.827	1666.330
4.0	1647.424	1654.251	1654.251	1653.726	1665.280
4.5	1644.798	1652.676	1653.201	1652.676	1663.704
5.0	1643.223	1651.100	1651.100	1651.100	1662.129
5.5	1641.122	1649.000	1649.000	1649.525	1660.028
6.0	1640.072	1646.374	1646.899	1646.899	1657.927
6.5	1636.396	1644.273	1644.798	1644.798	1655.302
7.0	1634.295	1641.647	1642.173	1641.647	1653.201
7.5	1632.195	1638.496	1639.547	1639.547	1650.575
8.0	1629.569	1636.396	1636.396	1636.396	1646.899
8.5	1626.943	1632.720	1633.770	1633.770	1643.748
9.0	1622.742	1630.094	1630.619	1630.094	1640.072
9.5	1620.116	1626.418	1626.418	1626.418	1637.971
10.0	1615.915	1622.217	1622.217	1623.267	1633.770
10.5	1612.239	1618.540	1619.066	1619.066	1630.094
11.0	1608.562	1614.864	1615.389	1614.864	1625.893
11.5	1603.836	1610.663	1611.713	1610.663	1622.217
12.0	1599.635	1605.937	1606.987	1606.987	1617.490
12.5	1595.433	1601.210	1602.786	1601.735	1613.289
13.0	1590.707	1597.009	1598.059	1597.534	1608.562
13.5	1585.981	1591.757	1592.808	1592.808	1604.361
14.0	1580.204	1586.506	1587.556	1587.556	1598.584
14.5	1575.477	1581.254	1582.304	1582.304	1594.383
15.0	1570.751	1576.003	1576.528	1576.528	1588.081
15.5	1564.974	1569.701	1571.276	1571.276	1581.779
16.0	1558.672	1563.924	1565.499	1565.499	1576.528
16.5	1553.421	1557.622	1559.197	1559.723	1570.751
17.0	1546.068	1550.795	1552.896	1553.421	1564.449
17.5	1539.767	1544.493	1546.594	1547.119	1558.147
18.0	1533.990	1538.191	1539.767	1541.342	1552.370
18.5	1527.163	1531.889	1533.465	1534.515	1545.543
19.0	1520.336	1524.012	1526.638	1527.688	1538.191
19.5	1512.458	1517.710	1519.810	1521.911	1531.364
20.0	1504.056	1509.832	1512.458	1514.034	1524.012
20.5	1495.653	1503.005	1505.106	1507.207	1517.185
21.0	1488.826	1494.603	1496.178	1500.380	1509.832
21.5	1480.949	1486.725	1489.351	1491.452	1501.955
22.0	1472.546	1479.373	1481.999	1484.100	1495.128
22.5	1465.194	1469.920	1473.596	1476.747	1487.251
23.0	1456.266	1461.518	1465.194	1468.345	1478.848
23.5	1446.813	1452.590	1457.317	1460.468	1470.971
24.0	1437.361	1443.662	1448.389	1452.065	1462.568
24.5	1429.483	1434.735	1439.986	1443.137	1453.115
25.0	1420.555	1425.807	1431.584	1434.735	1444.713
25.5	1410.577	1416.879	1421.606	1426.332	1434.735
26.0	1401.125	1406.901	1413.203	1417.404	1426.857
26.5	1391.147	1396.923	1404.275	1407.952	1417.930

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**CANDELA TABULATION - (Cont.)**

27.0	1381.168	1386.420	1395.348	1400.074	1409.002
27.5	1369.615	1376.442	1385.370	1389.571	1400.074
28.0	1361.212	1366.464	1375.392	1380.118	1390.096
28.5	1350.184	1356.486	1365.414	1370.140	1380.118
29.0	1339.681	1345.983	1354.911	1360.687	1370.665
29.5	1328.653	1334.954	1344.407	1350.184	1360.162
30.0	1317.624	1324.451	1333.904	1341.256	1351.234
30.5	1306.071	1312.898	1323.926	1331.278	1340.731
31.0	1295.042	1301.869	1312.898	1320.775	1329.703
31.5	1283.489	1291.366	1302.395	1310.797	1320.250
32.0	1272.461	1279.288	1291.891	1299.769	1309.222
32.5	1260.382	1267.734	1280.863	1289.266	1298.719
33.0	1248.828	1256.706	1268.784	1278.762	1288.215
33.5	1237.800	1245.152	1258.281	1267.209	1277.187
34.0	1224.671	1233.074	1246.728	1256.706	1267.209
34.5	1212.592	1221.520	1235.699	1245.152	1255.655
35.0	1201.564	1208.916	1224.671	1234.649	1244.627
35.5	1187.385	1197.363	1212.592	1223.096	1233.074
36.0	1176.356	1184.759	1201.039	1211.542	1222.045
36.5	1162.702	1172.155	1188.960	1200.514	1211.542
37.0	1150.098	1160.076	1176.882	1188.435	1200.514
37.5	1136.969	1146.948	1165.328	1177.932	1188.435
38.0	1123.841	1134.344	1152.724	1165.853	1175.831
38.5	1110.186	1121.215	1140.646	1154.825	1164.278
39.0	1098.108	1108.086	1128.042	1142.746	1154.825
39.5	1084.454	1096.007	1115.963	1130.668	1142.221
40.0	1069.749	1082.353	1103.359	1119.639	1130.142
40.5	1056.095	1069.224	1091.281	1108.086	1118.589
41.0	1043.491	1056.095	1078.677	1096.007	1106.510
41.5	1029.837	1042.966	1066.073	1083.928	1094.957
42.0	1016.183	1029.837	1053.469	1072.375	1083.403
42.5	1003.054	1016.183	1040.340	1060.296	1071.325
43.0	988.349	1003.054	1028.262	1048.743	1059.771
43.5	975.746	989.400	1015.133	1036.664	1048.218
44.0	961.566	975.746	1002.004	1025.111	1036.139
44.5	948.437	962.617	988.875	1012.507	1024.060
45.0	934.783	948.963	976.271	1001.478	1013.032
45.5	921.129	935.834	963.667	989.925	1001.478
46.0	907.475	922.179	950.013	977.321	989.400
46.5	893.821	908.525	938.459	966.818	977.846
47.0	879.642	895.396	925.330	954.214	966.293
47.5	865.987	881.742	912.201	942.135	954.214
48.0	852.858	868.088	899.072	931.107	942.135
48.5	838.154	854.959	886.994	918.503	930.582
49.0	825.025	840.780	873.340	906.425	918.503
49.5	811.371	827.651	860.736	894.871	906.950
50.0	797.192	813.997	848.132	882.267	894.871
50.5	784.063	800.868	835.003	871.764	883.843
51.0	770.408	787.214	823.450	859.685	872.289
51.5	757.279	773.559	810.321	848.132	860.736
52.0	743.100	760.430	797.717	836.053	849.182
52.5	729.446	746.776	785.638	823.975	838.154
53.0	715.267	733.647	773.034	813.471	826.075
53.5	701.613	720.518	760.956	801.393	815.047
54.0	688.484	707.389	748.877	789.839	804.019
54.5	675.880	693.735	736.798	779.336	792.990

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**CANDELA TABULATION - (Cont.)**

55.0	662.751	681.131	724.720	767.257	783.012
55.5	651.722	668.002	712.641	756.229	770.934
56.0	639.119	656.449	701.087	745.201	759.905
56.5	625.990	644.370	689.009	734.172	749.402
57.0	613.386	632.292	677.455	723.144	738.374
57.5	600.257	619.688	667.477	712.641	726.295
58.0	587.128	607.084	655.924	701.087	717.367
58.5	574.524	594.480	644.370	691.109	706.864
59.0	561.920	581.876	633.342	682.182	695.836
59.5	549.316	569.798	623.364	671.153	687.433
60.0	536.713	557.194	612.336	660.650	676.930
60.5	524.371	545.115	601.307	650.672	666.427
61.0	511.978	533.037	590.279	640.694	656.449
61.5	499.689	521.063	579.251	630.716	646.996
62.0	487.610	509.194	568.747	621.263	637.018
62.5	475.689	497.431	557.719	611.810	627.565
63.0	463.610	485.720	547.216	601.832	619.163
63.5	451.637	474.166	537.238	592.379	609.710
64.0	439.978	462.770	526.735	582.401	600.257
64.5	428.372	451.637	516.757	572.949	590.804
65.0	416.871	440.451	506.726	563.496	581.876
65.5	405.528	429.528	496.801	554.043	572.423
66.0	394.027	418.604	486.980	544.590	563.496
66.5	382.788	407.944	477.212	535.662	554.568
67.0	371.813	397.388	467.497	526.209	545.640
67.5	360.784	386.990	457.991	517.387	536.713
68.0	349.914	376.854	448.538	508.459	528.310
68.5	339.200	366.771	439.296	499.794	519.540
69.0	328.540	356.793	430.158	491.076	511.242
69.5	318.036	347.025	421.125	482.621	502.997
70.0	307.586	337.415	412.250	474.324	494.805
70.5	297.398	327.909	403.375	466.026	486.717
71.0	287.315	318.509	394.657	457.834	478.735
71.5	277.337	309.319	386.150	449.851	470.858
72.0	267.569	300.076	377.642	441.921	463.190
72.5	257.748	291.148	369.344	434.149	455.576
73.0	248.190	282.273	361.099	426.482	447.908
73.5	238.895	273.503	353.117	418.867	440.451
74.0	229.705	264.995	345.030	411.515	432.941
74.5	220.672	256.435	337.310	404.215	425.852
75.0	211.692	248.085	329.642	397.073	418.972
75.5	202.869	239.945	322.080	389.983	411.987
76.0	194.309	231.963	314.728	382.946	405.160
76.5	185.801	224.085	307.428	376.066	398.333
77.0	177.399	216.261	300.233	369.239	391.716
77.5	169.154	208.646	293.144	362.622	385.152
78.0	161.014	201.188	286.264	356.110	378.692
78.5	153.031	193.836	279.437	349.546	372.285
79.0	145.206	186.694	272.820	343.191	365.983
79.5	137.434	179.604	266.308	336.995	359.681
80.0	129.767	172.620	259.796	330.850	353.695
80.5	122.310	165.845	253.494	324.653	347.603
81.0	115.062	159.176	247.455	318.667	341.669
81.5	107.710	152.664	241.416	312.732	335.734
82.0	100.620	146.309	235.534	307.008	330.010
82.5	93.688	140.060	229.757	301.284	324.391

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**CANDELA TABULATION - (Cont.)**

83.0	86.861	133.968	224.085	295.770	318.929
83.5	80.087	128.034	218.676	290.150	313.257
84.0	73.470	122.257	213.425	284.846	307.848
84.5	66.905	116.690	208.278	279.595	302.544
85.0	60.603	111.281	203.237	274.396	297.240
85.5	54.301	106.135	198.300	269.354	292.094
86.0	48.105	101.198	193.469	264.418	286.999
86.5	41.960	96.577	188.900	259.481	281.905
87.0	35.921	92.113	184.278	254.807	276.916
87.5	29.882	87.964	179.920	250.081	272.137
88.0	23.895	83.920	175.613	245.512	267.306
88.5	17.855	80.139	171.464	240.996	262.632
89.0	12.341	76.568	167.526	236.637	258.011
89.5	7.825	73.260	163.692	232.435	253.494
90.0	4.674	70.319	160.174	228.444	249.346
90.5	3.309	67.746	156.918	224.453	244.934
91.0	3.519	65.382	153.609	220.409	240.733
91.5	4.201	63.124	150.301	216.576	236.532
92.0	4.989	61.234	147.150	212.689	232.435
92.5	5.829	59.606	144.471	208.961	228.392
93.0	6.670	58.188	141.688	205.442	224.506
93.5	7.562	57.085	139.062	201.976	220.829
94.0	8.508	56.140	136.594	198.720	217.258
94.5	9.400	55.457	134.283	195.412	213.582
95.0	10.293	54.932	132.130	192.156	210.064
95.5	11.133	54.564	130.134	189.057	206.598
96.0	11.816	54.406	128.401	186.064	203.184
96.5	12.499	54.406	126.668	183.281	200.033
97.0	13.129	54.459	125.093	180.602	196.882
97.5	13.812	54.669	123.622	178.029	193.994
98.0	14.389	54.879	122.310	175.508	191.053
98.5	15.072	55.142	121.207	173.092	188.322
99.0	15.755	55.457	120.051	170.834	185.644
99.5	16.490	55.824	119.054	168.681	183.018
100.0	17.120	56.192	118.266	166.686	180.655
100.5	17.855	56.612	117.478	164.742	178.239
101.0	18.486	57.032	116.900	162.904	176.086
101.5	19.116	57.452	116.323	161.171	173.880
102.0	19.693	57.873	115.903	159.543	171.937
102.5	20.271	58.293	115.482	158.020	169.994
103.0	20.849	58.765	115.167	156.497	168.261
103.5	21.479	59.238	114.905	155.185	166.475
104.0	22.162	59.658	114.642	153.977	164.847
104.5	22.844	60.131	114.485	152.821	163.324
105.0	23.475	60.603	114.327	151.771	161.854
105.5	24.052	61.023	114.170	150.668	160.594
106.0	24.735	61.549	114.117	149.723	159.333
106.5	25.365	62.021	114.117	148.830	158.073
107.0	25.995	62.546	114.117	147.990	157.023
107.5	26.573	62.967	114.117	147.360	155.920
108.0	27.308	63.492	114.117	146.624	154.817
108.5	27.991	64.017	114.170	146.099	154.082
109.0	28.674	64.437	114.275	145.417	153.346
109.5	29.409	64.910	114.327	144.944	152.559
110.0	30.144	65.382	114.432	144.419	151.929
110.5	30.879	65.855	114.537	143.946	151.351

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**CANDELA TABULATION - (Cont.)**

111.0	31.615	66.328	114.590	143.526	150.721
111.5	32.350	66.748	114.642	143.211	150.196
112.0	33.138	67.220	114.747	142.896	149.565
112.5	33.925	67.693	114.852	142.528	148.988
113.0	34.766	68.166	115.010	142.266	148.725
113.5	35.553	68.586	115.010	142.003	148.357
114.0	36.394	69.006	115.115	141.793	147.990
114.5	37.181	69.479	115.220	141.530	147.675
115.0	38.022	69.846	115.325	141.373	147.412
115.5	38.862	70.319	115.325	141.215	147.150
116.0	39.650	70.739	115.482	141.005	146.834
116.5	40.385	71.159	115.588	140.795	146.729
117.0	41.225	71.632	115.693	140.795	146.467
117.5	42.013	71.999	115.798	140.585	146.309
118.0	42.695	72.367	115.903	140.480	146.099
118.5	43.483	72.735	115.955	140.323	146.047
119.0	44.166	73.102	116.060	140.165	145.732
119.5	44.901	73.365	116.165	140.007	145.679
120.0	45.584	73.627	116.113	139.902	145.417
120.5	46.267	73.942	116.165	139.692	145.364
121.0	46.949	74.152	116.270	139.535	145.154
121.5	47.684	74.415	116.218	139.325	145.049
122.0	48.367	74.730	116.218	139.220	144.891
122.5	49.050	75.045	116.270	139.010	144.524
123.0	49.733	75.360	116.218	138.800	144.471
123.5	50.363	75.623	116.113	138.642	144.156
124.0	50.888	75.833	116.113	138.484	144.104
124.5	51.413	76.043	116.113	138.222	143.894
125.0	51.938	76.306	116.008	137.959	143.684
125.5	52.463	76.463	115.903	137.802	143.421
126.0	52.936	76.673	115.850	137.487	143.211
126.5	53.356	76.936	115.745	137.277	143.053
127.0	53.829	77.041	115.640	137.014	142.843
127.5	54.196	77.198	115.482	136.751	142.476
128.0	54.669	77.198	115.430	136.436	142.266
128.5	55.037	77.303	115.220	136.174	142.056
129.0	55.404	77.408	115.010	135.911	141.793
129.5	55.719	77.566	114.642	135.491	141.478
130.0	55.982	77.671	114.275	135.228	141.163
130.5	56.245	77.776	113.854	134.913	140.795
131.0	56.402	77.934	113.434	134.441	140.428
131.5	56.612	78.091	113.014	134.021	140.060
132.0	56.822	78.249	112.542	133.758	139.745
132.5	56.927	78.301	112.016	133.233	139.272
133.0	57.085	78.354	111.806	132.760	138.695
133.5	57.137	78.301	111.491	132.393	138.432
134.0	57.190	78.196	111.281	131.972	138.064
134.5	57.347	77.986	111.019	131.500	137.382
135.0	57.505	77.829	110.704	130.870	136.856
135.5	57.452	77.408	110.441	130.450	136.436
136.0	57.557	77.356	110.073	129.924	135.911
136.5	57.662	77.198	109.811	129.347	135.386
137.0	57.715	76.936	109.391	128.874	134.808
137.5	57.768	76.673	109.023	128.244	134.283
138.0	57.873	76.516	108.498	127.719	133.653
138.5	57.873	76.306	107.815	127.141	133.180

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

139.0	57.820	76.148	107.027	126.458	132.445
139.5	57.820	75.938	106.082	125.723	131.920
140.0	57.820	75.675	105.032	125.040	131.185
140.5	57.820	75.518	104.087	124.200	130.397
141.0	57.820	75.413	103.036	123.307	129.767
141.5	57.820	75.203	101.986	122.520	129.137
142.0	57.768	75.098	100.988	121.522	128.454
142.5	57.715	74.940	99.938	120.629	127.666
143.0	57.662	74.783	98.940	119.789	126.878
143.5	57.662	74.573	97.785	118.896	126.143
144.0	57.662	74.310	96.787	118.213	125.303
144.5	57.820	74.100	95.789	117.426	124.568
145.0	58.030	73.890	94.686	116.743	123.727
145.5	58.398	73.627	93.688	116.060	122.887
146.0	58.870	73.417	92.743	115.325	122.099
146.5	59.343	73.207	91.955	114.537	121.207
147.0	59.816	72.945	91.063	113.749	120.314
147.5	60.236	72.840	90.380	112.962	119.421
148.0	60.708	72.630	89.645	112.069	118.476
148.5	61.129	72.577	89.067	111.229	117.531
149.0	61.654	72.577	88.437	110.388	116.690
149.5	62.021	72.735	87.859	109.496	115.640
150.0	62.441	72.840	87.281	108.655	114.537
150.5	62.809	72.892	86.651	107.710	113.382
151.0	63.072	73.050	85.811	106.765	112.016
151.5	63.334	73.102	84.918	105.767	110.756
152.0	63.649	73.207	84.078	104.717	109.496
152.5	63.964	73.312	83.290	103.614	108.130
153.0	64.174	73.365	82.450	102.354	107.027
153.5	64.437	73.522	81.557	101.041	105.767
154.0	64.647	73.470	80.769	99.570	104.717
154.5	64.910	73.522	80.087	98.152	103.666
155.0	65.015	73.627	79.404	96.524	102.879
155.5	65.225	73.680	78.721	95.001	102.038
156.0	65.382	73.680	78.249	93.373	101.303
156.5	65.645	73.680	77.776	91.745	100.358
157.0	65.750	73.785	77.303	90.275	99.465
157.5	65.907	73.785	76.988	88.857	98.467
158.0	66.118	73.732	76.831	87.386	97.522
158.5	66.170	73.732	76.621	86.179	96.419
159.0	66.433	73.575	76.463	85.023	95.474
159.5	66.643	73.470	76.201	83.920	94.424
160.0	66.905	73.365	75.938	83.028	93.373
160.5	67.220	73.312	75.728	82.187	92.375
161.0	67.430	73.155	75.675	81.295	91.378
161.5	67.746	73.102	75.570	80.402	90.642
162.0	68.008	72.997	75.728	79.667	90.012
162.5	68.271	72.997	75.833	78.879	89.277
163.0	68.586	72.945	75.885	78.039	88.647
163.5	68.848	72.945	75.991	77.146	87.859
164.0	68.953	72.945	76.096	76.043	87.124
164.5	69.111	72.840	75.991	75.203	86.179
165.0	69.268	72.840	75.833	74.363	85.233
165.5	69.426	72.787	75.675	73.785	84.236
166.0	69.584	72.735	75.570	73.155	82.713
166.5	69.741	72.735	75.413	72.630	81.977

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-3-L64-930-DIM-UNV\_.IES**

**CANDELA TABULATION - (Cont.)**

<b>167.0</b>	69.951	72.735	75.255	72.157	81.400
<b>167.5</b>	70.056	72.735	74.940	71.737	80.822
<b>168.0</b>	70.214	72.735	74.678	71.317	80.349
<b>168.5</b>	70.529	72.524	74.310	70.949	79.772
<b>169.0</b>	70.686	72.577	74.047	70.581	79.194
<b>169.5</b>	70.949	72.419	73.627	70.161	78.564
<b>170.0</b>	71.054	72.367	73.260	69.636	77.986
<b>170.5</b>	71.212	72.262	72.787	69.058	77.356
<b>171.0</b>	71.317	72.157	72.262	68.428	76.568
<b>171.5</b>	71.474	72.157	71.789	67.851	75.938
<b>172.0</b>	71.737	72.052	71.527	67.273	74.993
<b>172.5</b>	71.894	72.052	71.212	66.643	73.942
<b>173.0</b>	72.104	71.947	70.949	66.065	72.157
<b>173.5</b>	72.367	71.999	70.844	65.487	69.479
<b>174.0</b>	72.577	71.999	70.791	65.015	66.170
<b>174.5</b>	72.735	71.999	70.686	64.542	62.231
<b>175.0</b>	73.050	72.157	70.634	64.174	57.768
<b>175.5</b>	73.155	72.209	70.581	64.017	53.094
<b>176.0</b>	73.365	72.314	70.581	63.859	50.048
<b>176.5</b>	73.417	72.367	70.529	63.859	47.895
<b>177.0</b>	73.627	72.472	70.424	63.702	45.689
<b>177.5</b>	73.680	72.472	70.266	63.649	45.216
<b>178.0</b>	73.890	72.577	70.214	63.597	45.321
<b>178.5</b>	73.995	72.630	70.266	63.492	45.426
<b>179.0</b>	74.100	72.630	70.214	63.334	45.479
<b>179.5</b>	74.205	72.630	70.161	63.282	45.531
<b>180.0</b>	66.538	66.538	66.538	66.538	66.538



**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-3-L64-930-DIM-UNV\_.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	601.24	N.A.	11.70
0-30	1259.8	N.A.	24.50
0-40	2023.7	N.A.	39.40
0-60	3424.85	N.A.	66.70
0-80	4266.75	N.A.	83.10
0-90	4478.49	N.A.	87.30
10-90	4321.74	N.A.	84.20
20-40	1422.46	N.A.	27.70
20-50	2174.71	N.A.	42.40
40-70	1900.26	N.A.	37.00
60-80	841.90	N.A.	16.40
70-80	342.79	N.A.	6.70
80-90	211.74	N.A.	4.10
90-110	247.31	N.A.	4.80
90-120	351.42	N.A.	6.80
90-130	447.25	N.A.	8.70
90-150	587.15	N.A.	11.40
90-180	654.03	N.A.	12.70
110-180	406.72	N.A.	7.90
0-180	5132.52	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	156.75
10-20	444.50
20-30	658.56
30-40	763.90
40-50	752.25
50-60	648.90
60-70	499.11
70-80	342.79
80-90	211.74
90-100	135.66
100-110	111.65
110-120	104.11
120-130	95.82
130-140	80.52
140-150	59.38
150-160	38.83
160-170	21.39
170-180	6.66

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-3-L64-930-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-L64-930-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	18.5	19.8	19.0	20.4	21.0	20.1	21.5	20.7	22.0	22.7
	3H	19.8	21.1	20.4	21.6	22.3	22.3	23.5	22.9	24.1	24.8
	4H	20.3	21.4	20.9	22.0	22.7	23.4	24.5	23.9	25.1	25.8
	6H	20.6	21.7	21.2	22.3	22.9	24.5	25.6	25.1	26.2	26.8
	8H	20.6	21.7	21.3	22.3	23.0	25.0	26.1	25.7	26.7	27.4
	12H	20.7	21.7	21.3	22.3	23.0	25.7	26.7	26.3	27.3	28.0

UGR Viewed Endwise

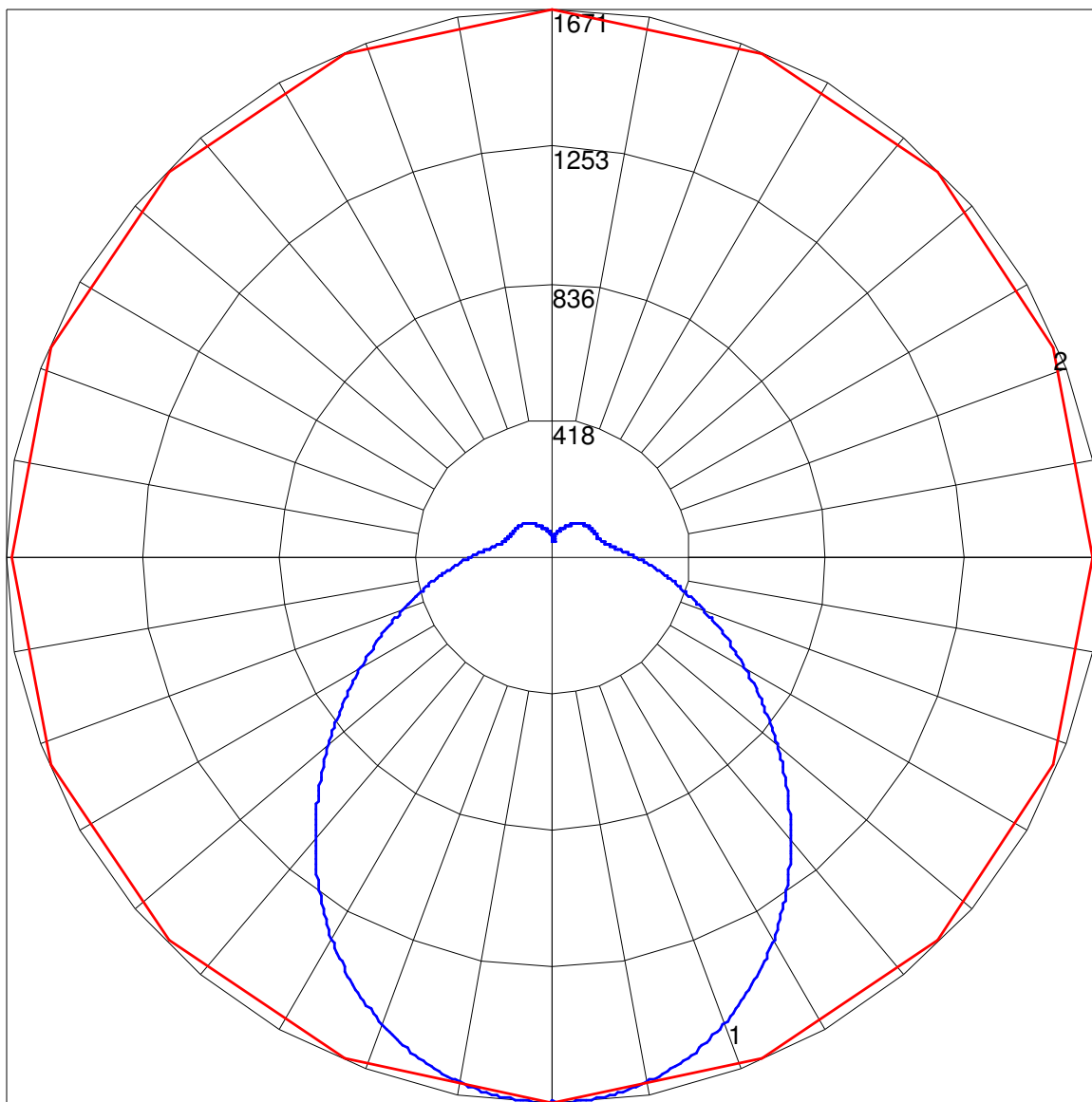
4H	2H	19.2	20.4	19.8	21.0	21.6	20.5	21.7	21.1	22.3	22.9
	3H	20.8	21.8	21.4	22.4	23.1	22.9	23.9	23.5	24.6	25.3
	4H	21.4	22.3	22.0	22.9	23.6	24.2	25.1	24.8	25.7	26.4
	6H	21.8	22.6	22.4	23.2	24.0	25.5	26.3	26.1	26.9	27.7
	8H	21.9	22.6	22.6	23.3	24.0	26.2	26.9	26.8	27.6	28.3
	12H	22.0	22.6	22.6	23.3	24.1	26.9	27.6	27.6	28.3	29.1

8H	4H	21.9	22.7	22.6	23.3	24.1	24.4	25.1	25.0	25.8	26.5
	6H	22.5	23.1	23.2	23.8	24.6	25.9	26.5	26.5	27.2	27.9
	8H	22.7	23.3	23.4	24.0	24.8	26.7	27.3	27.4	28.0	28.7
	12H	22.9	23.4	23.6	24.1	24.9	27.7	28.2	28.4	28.9	29.7

12H	4H	22.1	22.8	22.8	23.4	24.2	24.4	25.1	25.0	25.7	26.5
	6H	22.8	23.3	23.5	24.0	24.8	25.9	26.5	26.6	27.1	28.0
	8H	23.1	23.6	23.8	24.3	25.1	26.8	27.3	27.5	28.0	28.8

Maximum UGR = 29.7

POLAR GRAPH



Maximum Candela = 1671.056 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.)