

## IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-8-L60-950-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-L60-950-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	4913
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	139
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	5434	4846	4767
55	4727	4158	4185
65	4004	3573	3729
75	3264	3138	3486
85	2563	3122	3683

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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	1590.012	1590.012	1590.012	1590.012	1590.012
0.5	1582.472	1588.504	1589.509	1589.007	1599.563
1.0	1582.472	1589.007	1589.007	1588.504	1599.060
1.5	1580.963	1589.007	1588.504	1588.001	1599.563
2.0	1580.461	1587.498	1588.504	1587.498	1598.055
2.5	1580.461	1587.498	1586.996	1586.996	1597.050
3.0	1578.953	1585.990	1585.990	1585.990	1596.044
3.5	1577.947	1584.482	1584.482	1584.985	1595.039
4.0	1576.942	1583.477	1583.477	1582.974	1594.033
4.5	1574.428	1581.969	1582.472	1581.969	1592.525
5.0	1572.920	1580.461	1580.461	1580.461	1591.017
5.5	1570.910	1578.450	1578.450	1578.953	1589.007
6.0	1569.904	1575.937	1576.439	1576.439	1586.996
6.5	1566.385	1573.926	1574.428	1574.428	1584.482
7.0	1564.375	1571.412	1571.915	1571.412	1582.472
7.5	1562.364	1568.396	1569.402	1569.402	1579.958
8.0	1559.850	1566.385	1566.385	1566.385	1576.439
8.5	1557.337	1562.867	1563.872	1563.872	1573.423
9.0	1553.315	1560.353	1560.856	1560.353	1569.904
9.5	1550.802	1556.834	1556.834	1556.834	1567.894
10.0	1546.780	1552.813	1552.813	1553.818	1563.872
10.5	1543.262	1549.294	1549.797	1549.797	1560.353
11.0	1539.743	1545.775	1546.278	1545.775	1556.332
11.5	1535.219	1541.754	1542.759	1541.754	1552.813
12.0	1531.197	1537.229	1538.235	1538.235	1548.289
12.5	1527.176	1532.705	1534.213	1533.208	1544.267
13.0	1522.651	1528.684	1529.689	1529.186	1539.743
13.5	1518.127	1523.657	1524.662	1524.662	1535.721
14.0	1512.597	1518.630	1519.635	1519.635	1530.192
14.5	1508.073	1513.603	1514.608	1514.608	1526.170
15.0	1503.549	1508.576	1509.079	1509.079	1520.138
15.5	1498.019	1502.544	1504.052	1504.052	1514.106
16.0	1491.987	1497.014	1498.522	1498.522	1509.079
16.5	1486.960	1490.982	1492.490	1492.993	1503.549
17.0	1479.923	1484.447	1486.458	1486.960	1497.517
17.5	1473.890	1478.414	1480.425	1480.928	1491.484
18.0	1468.361	1472.382	1473.890	1475.398	1485.955
18.5	1461.826	1466.350	1467.858	1468.863	1479.420
19.0	1455.291	1458.810	1461.323	1462.328	1472.382
19.5	1447.750	1452.777	1454.788	1456.799	1465.847
20.0	1439.707	1445.237	1447.750	1449.258	1458.810
20.5	1431.664	1438.702	1440.713	1442.723	1452.275
21.0	1425.129	1430.659	1432.167	1436.188	1445.237
21.5	1417.589	1423.118	1425.632	1427.643	1437.697
22.0	1409.546	1416.081	1418.594	1420.605	1431.162
22.5	1402.508	1407.032	1410.551	1413.567	1423.621
23.0	1393.962	1398.989	1402.508	1405.524	1415.578
23.5	1384.914	1390.444	1394.968	1397.984	1408.038
24.0	1375.866	1381.898	1386.422	1389.941	1399.995
24.5	1368.325	1373.352	1378.379	1381.395	1390.946
25.0	1359.779	1364.806	1370.336	1373.352	1382.903
25.5	1350.228	1356.261	1360.785	1365.309	1373.352
26.0	1341.180	1346.709	1352.742	1356.763	1365.812
26.5	1331.629	1337.158	1344.196	1347.715	1357.266

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**CANDELA TABULATION - (Cont.)**

27.0	1322.078	1327.104	1335.650	1340.174	1348.720
27.5	1311.018	1317.553	1326.099	1330.121	1340.174
28.0	1302.975	1308.002	1316.548	1321.072	1330.623
28.5	1292.419	1298.451	1306.997	1311.521	1321.072
29.0	1282.365	1288.397	1296.943	1302.473	1312.024
29.5	1271.808	1277.841	1286.889	1292.419	1301.970
30.0	1261.252	1267.787	1276.835	1283.873	1293.424
30.5	1250.193	1256.728	1267.284	1274.322	1283.370
31.0	1239.636	1246.171	1256.728	1264.268	1272.814
31.5	1228.577	1236.117	1246.674	1254.717	1263.765
32.0	1218.021	1224.555	1236.620	1244.160	1253.209
32.5	1206.459	1213.496	1226.064	1234.107	1243.155
33.0	1195.399	1202.940	1214.502	1224.053	1233.101
33.5	1184.843	1191.881	1204.448	1212.994	1222.545
34.0	1172.276	1180.319	1193.389	1202.940	1212.994
34.5	1160.714	1169.259	1182.832	1191.881	1201.934
35.0	1150.157	1157.195	1172.276	1181.827	1191.378
35.5	1136.585	1146.136	1160.714	1170.768	1180.319
36.0	1126.028	1134.071	1149.655	1159.708	1169.762
36.5	1112.958	1122.007	1138.093	1149.152	1159.708
37.0	1100.893	1110.445	1126.531	1137.590	1149.152
37.5	1088.326	1097.877	1115.472	1127.536	1137.590
38.0	1075.759	1085.813	1103.407	1115.974	1125.525
38.5	1062.689	1073.245	1091.845	1105.418	1114.466
39.0	1051.127	1060.678	1079.780	1093.856	1105.418
39.5	1038.057	1049.116	1068.219	1082.294	1093.353
40.0	1023.982	1036.046	1056.154	1071.737	1081.791
40.5	1010.912	1023.479	1044.592	1060.678	1070.732
41.0	998.847	1010.912	1032.527	1049.116	1059.170
41.5	985.777	998.345	1020.463	1037.554	1048.111
42.0	972.707	985.777	1008.398	1026.495	1037.052
42.5	960.140	972.707	995.831	1014.933	1025.490
43.0	946.065	960.140	984.269	1003.874	1014.431
43.5	934.000	947.070	971.702	992.312	1003.371
44.0	920.427	934.000	959.135	981.253	991.810
44.5	907.860	921.433	946.567	969.188	980.248
45.0	894.790	908.363	934.503	958.632	969.691
45.5	881.720	895.796	922.438	947.573	958.632
46.0	868.650	882.726	909.368	935.508	947.070
46.5	855.580	869.656	898.309	925.454	936.011
47.0	842.008	857.088	885.742	913.390	924.952
47.5	828.938	844.018	873.174	901.828	913.390
48.0	816.370	830.948	860.607	891.271	901.828
48.5	802.295	818.381	849.045	879.207	890.769
49.0	789.728	804.808	835.975	867.645	879.207
49.5	776.658	792.241	823.911	856.586	868.148
50.0	763.085	779.171	811.846	844.521	856.586
50.5	750.518	766.604	799.279	834.467	846.029
51.0	737.448	753.534	788.220	822.905	834.970
51.5	724.881	740.464	775.652	811.846	823.911
52.0	711.308	727.897	763.588	800.284	812.851
52.5	698.238	714.827	752.026	788.722	802.295
53.0	684.665	702.259	739.961	778.668	790.733
53.5	671.595	689.692	728.399	767.107	780.177
54.0	659.028	677.125	716.837	756.047	769.620
54.5	646.963	664.055	705.276	745.994	759.064

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**CANDELA TABULATION - (Cont.)**

55.0	634.396	651.990	693.714	734.432	749.512
55.5	623.840	639.423	682.152	723.875	737.951
56.0	611.775	628.364	671.093	713.319	727.394
56.5	599.208	616.802	659.531	702.762	717.340
57.0	587.143	605.240	648.472	692.206	706.784
57.5	574.576	593.175	638.920	682.152	695.222
58.0	562.009	581.111	627.861	671.093	686.676
58.5	549.944	569.046	616.802	661.541	676.622
59.0	537.879	556.982	606.245	652.996	666.066
59.5	525.815	545.420	596.694	642.439	658.023
60.0	513.750	533.355	586.138	632.385	647.969
60.5	501.937	521.793	575.581	622.834	637.915
61.0	490.074	510.231	565.025	613.283	628.364
61.5	478.311	498.770	554.468	603.732	619.315
62.0	466.749	487.409	544.414	594.684	609.764
62.5	455.338	476.149	533.858	585.635	600.716
63.0	443.776	464.939	523.804	576.084	592.673
63.5	432.314	453.880	514.253	567.036	583.624
64.0	421.155	442.971	504.199	557.484	574.576
64.5	410.045	432.314	494.648	548.436	565.527
65.0	399.036	421.607	485.047	539.388	556.982
65.5	388.178	411.151	475.546	530.339	547.933
66.0	377.169	400.695	466.145	521.291	539.388
66.5	366.412	390.490	456.795	512.745	530.842
67.0	355.905	380.386	447.496	503.696	522.296
67.5	345.349	370.433	438.397	495.251	513.750
68.0	334.943	360.731	429.348	486.706	505.707
68.5	324.688	351.079	420.501	478.411	497.312
69.0	314.484	341.528	411.754	470.066	489.370
69.5	304.430	332.178	403.108	461.973	481.478
70.0	294.426	322.979	394.613	454.031	473.636
70.5	284.674	313.880	386.117	446.088	465.894
71.0	275.022	304.882	377.772	438.246	458.253
71.5	265.471	296.085	369.629	430.605	450.713
72.0	256.121	287.238	361.485	423.015	443.374
72.5	246.721	278.692	353.543	415.575	436.085
73.0	237.572	270.196	345.650	408.235	428.745
73.5	228.674	261.802	338.009	400.946	421.607
74.0	219.877	253.658	330.268	393.909	414.419
74.5	211.231	245.464	322.878	386.921	407.632
75.0	202.635	237.471	315.539	380.085	401.047
75.5	194.190	229.680	308.300	373.298	394.361
76.0	185.996	222.039	301.263	366.562	387.826
76.5	177.852	214.498	294.275	359.977	381.291
77.0	169.809	207.008	287.388	353.442	374.957
77.5	161.917	199.719	280.602	347.108	368.674
78.0	154.125	192.581	274.017	340.875	362.491
78.5	146.484	185.543	267.482	334.591	356.358
79.0	138.994	178.707	261.148	328.509	350.325
79.5	131.554	171.920	254.915	322.577	344.293
80.0	124.215	165.235	248.681	316.695	338.562
80.5	117.077	158.750	242.649	310.764	332.731
81.0	110.140	152.366	236.868	305.033	327.051
81.5	103.102	146.132	231.087	299.353	321.370
82.0	96.316	140.050	225.457	293.873	315.891
82.5	89.680	134.068	219.927	288.394	310.512

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**CANDELA TABULATION - (Cont.)**

83.0	83.145	128.236	214.498	283.116	305.284
83.5	76.660	122.556	209.321	277.737	299.855
84.0	70.326	117.026	204.294	272.660	294.678
84.5	64.043	111.698	199.367	267.633	289.600
85.0	58.011	106.520	194.541	262.656	284.523
85.5	51.978	101.594	189.816	257.830	279.597
86.0	46.047	96.869	185.191	253.105	274.721
86.5	40.165	92.445	180.818	248.380	269.845
87.0	34.384	88.172	176.394	243.906	265.069
87.5	28.603	84.201	172.222	239.381	260.495
88.0	22.872	80.330	168.100	235.008	255.870
88.5	17.091	76.711	164.129	230.685	251.396
89.0	11.813	73.292	160.358	226.513	246.972
89.5	7.490	70.125	156.689	222.491	242.649
90.0	4.474	67.310	153.321	218.671	238.678
90.5	3.167	64.847	150.204	214.850	234.455
91.0	3.368	62.585	147.037	210.979	230.434
91.5	4.022	60.423	143.870	207.310	226.412
92.0	4.776	58.614	140.854	203.590	222.491
92.5	5.580	57.055	138.290	200.021	218.620
93.0	6.384	55.698	135.626	196.653	214.900
93.5	7.239	54.643	133.113	193.335	211.382
94.0	8.144	53.738	130.750	190.218	207.963
94.5	8.998	53.084	128.538	187.051	204.444
95.0	9.853	52.581	126.477	183.935	201.076
95.5	10.657	52.230	124.567	180.969	197.759
96.0	11.311	52.079	122.908	178.103	194.491
96.5	11.964	52.079	121.249	175.439	191.475
97.0	12.567	52.129	119.741	172.875	188.459
97.5	13.221	52.330	118.333	170.412	185.694
98.0	13.774	52.531	117.077	167.999	182.879
98.5	14.427	52.783	116.021	165.687	180.265
99.0	15.081	53.084	114.915	163.525	177.701
99.5	15.785	53.436	113.960	161.464	175.188
100.0	16.388	53.788	113.206	159.554	172.926
100.5	17.091	54.190	112.452	157.694	170.613
101.0	17.695	54.592	111.899	155.935	168.552
101.5	18.298	54.994	111.346	154.276	166.441
102.0	18.851	55.397	110.944	152.718	164.581
102.5	19.404	55.799	110.542	151.260	162.721
103.0	19.957	56.251	110.240	149.802	161.062
103.5	20.560	56.704	109.989	148.545	159.353
104.0	21.214	57.106	109.737	147.389	157.795
104.5	21.867	57.558	109.587	146.283	156.337
105.0	22.470	58.011	109.436	145.278	154.929
105.5	23.023	58.413	109.285	144.222	153.723
106.0	23.677	58.915	109.235	143.317	152.516
106.5	24.280	59.368	109.235	142.463	151.310
107.0	24.883	59.871	109.235	141.658	150.305
107.5	25.436	60.273	109.235	141.055	149.249
108.0	26.140	60.775	109.235	140.351	148.193
108.5	26.793	61.278	109.285	139.849	147.490
109.0	27.447	61.680	109.386	139.195	146.786
109.5	28.151	62.133	109.436	138.743	146.032
110.0	28.854	62.585	109.536	138.240	145.429
110.5	29.558	63.037	109.637	137.788	144.876

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**CANDELA TABULATION - (Cont.)**

111.0	30.262	63.490	109.687	137.385	144.272
111.5	30.966	63.892	109.737	137.084	143.770
112.0	31.720	64.344	109.838	136.782	143.166
112.5	32.474	64.797	109.939	136.430	142.613
113.0	33.278	65.249	110.089	136.179	142.362
113.5	34.032	65.651	110.089	135.928	142.010
114.0	34.836	66.054	110.190	135.727	141.658
114.5	35.591	66.506	110.290	135.475	141.357
115.0	36.395	66.858	110.391	135.324	141.105
115.5	37.199	67.310	110.391	135.174	140.854
116.0	37.953	67.712	110.542	134.973	140.552
116.5	38.657	68.115	110.642	134.771	140.452
117.0	39.461	68.567	110.743	134.771	140.201
117.5	40.215	68.919	110.843	134.570	140.050
118.0	40.869	69.271	110.944	134.470	139.849
118.5	41.623	69.623	110.994	134.319	139.798
119.0	42.276	69.975	111.095	134.168	139.497
119.5	42.980	70.226	111.195	134.017	139.447
120.0	43.634	70.477	111.145	133.917	139.195
120.5	44.287	70.779	111.195	133.716	139.145
121.0	44.941	70.980	111.296	133.565	138.944
121.5	45.644	71.231	111.246	133.364	138.843
122.0	46.298	71.533	111.246	133.263	138.692
122.5	46.951	71.835	111.296	133.062	138.341
123.0	47.605	72.136	111.246	132.861	138.290
123.5	48.208	72.388	111.145	132.710	137.989
124.0	48.711	72.589	111.145	132.560	137.938
124.5	49.213	72.790	111.145	132.308	137.737
125.0	49.716	73.041	111.044	132.057	137.536
125.5	50.219	73.192	110.944	131.906	137.285
126.0	50.671	73.393	110.894	131.605	137.084
126.5	51.073	73.644	110.793	131.403	136.933
127.0	51.526	73.745	110.693	131.152	136.732
127.5	51.878	73.896	110.542	130.901	136.380
128.0	52.330	73.896	110.492	130.599	136.179
128.5	52.682	73.996	110.290	130.348	135.978
129.0	53.034	74.097	110.089	130.096	135.727
129.5	53.336	74.247	109.737	129.694	135.425
130.0	53.587	74.348	109.386	129.443	135.123
130.5	53.838	74.449	108.983	129.141	134.771
131.0	53.989	74.599	108.581	128.689	134.420
131.5	54.190	74.750	108.179	128.287	134.068
132.0	54.391	74.901	107.727	128.035	133.766
132.5	54.492	74.951	107.224	127.533	133.314
133.0	54.643	75.002	107.023	127.080	132.761
133.5	54.693	74.951	106.721	126.728	132.509
134.0	54.743	74.851	106.520	126.326	132.157
134.5	54.894	74.650	106.269	125.874	131.504
135.0	55.045	74.499	105.967	125.271	131.001
135.5	54.994	74.097	105.716	124.868	130.599
136.0	55.095	74.046	105.364	124.366	130.096
136.5	55.195	73.896	105.113	123.813	129.594
137.0	55.246	73.644	104.711	123.360	129.041
137.5	55.296	73.393	104.359	122.757	128.538
138.0	55.397	73.242	103.856	122.254	127.935
138.5	55.397	73.041	103.202	121.702	127.482

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-8-L60-950-DIM-UNV\_.IES**

**CANDELA TABULATION - (Cont.)**

139.0	55.346	72.890	102.448	121.048	126.779
139.5	55.346	72.689	101.544	120.344	126.276
140.0	55.346	72.438	100.538	119.691	125.572
140.5	55.346	72.287	99.633	118.886	124.818
141.0	55.346	72.186	98.628	118.032	124.215
141.5	55.346	71.985	97.623	117.278	123.612
142.0	55.296	71.885	96.667	116.323	122.958
142.5	55.246	71.734	95.662	115.468	122.204
143.0	55.195	71.583	94.707	114.664	121.450
143.5	55.195	71.382	93.601	113.809	120.746
144.0	55.195	71.131	92.646	113.156	119.942
144.5	55.346	70.930	91.691	112.402	119.238
145.0	55.547	70.729	90.635	111.748	118.434
145.5	55.899	70.477	89.680	111.095	117.630
146.0	56.352	70.276	88.775	110.391	116.876
146.5	56.804	70.075	88.021	109.637	116.021
147.0	57.257	69.824	87.167	108.883	115.167
147.5	57.659	69.723	86.513	108.129	114.312
148.0	58.111	69.522	85.809	107.274	113.407
148.5	58.513	69.472	85.256	106.470	112.502
149.0	59.016	69.472	84.653	105.666	111.698
149.5	59.368	69.623	84.100	104.811	110.693
150.0	59.770	69.723	83.547	104.007	109.637
150.5	60.122	69.774	82.944	103.102	108.531
151.0	60.373	69.924	82.140	102.197	107.224
151.5	60.625	69.975	81.285	101.242	106.018
152.0	60.926	70.075	80.481	100.237	104.811
152.5	61.228	70.176	79.727	99.181	103.504
153.0	61.429	70.226	78.923	97.974	102.448
153.5	61.680	70.377	78.068	96.718	101.242
154.0	61.881	70.326	77.314	95.310	100.237
154.5	62.133	70.377	76.660	93.953	99.231
155.0	62.233	70.477	76.007	92.395	98.477
155.5	62.434	70.528	75.353	90.937	97.673
156.0	62.585	70.528	74.901	89.378	96.969
156.5	62.836	70.528	74.449	87.820	96.064
157.0	62.937	70.628	73.996	86.413	95.210
157.5	63.088	70.628	73.695	85.055	94.255
158.0	63.289	70.578	73.544	83.648	93.350
158.5	63.339	70.578	73.343	82.492	92.294
159.0	63.590	70.427	73.192	81.386	91.389
159.5	63.791	70.326	72.940	80.330	90.384
160.0	64.043	70.226	72.689	79.475	89.378
160.5	64.344	70.176	72.488	78.671	88.423
161.0	64.546	70.025	72.438	77.817	87.468
161.5	64.847	69.975	72.337	76.962	86.764
162.0	65.098	69.874	72.488	76.258	86.161
162.5	65.350	69.874	72.589	75.504	85.457
163.0	65.651	69.824	72.639	74.700	84.854
163.5	65.903	69.824	72.739	73.845	84.100
164.0	66.003	69.824	72.840	72.790	83.396
164.5	66.154	69.723	72.739	71.985	82.492
165.0	66.305	69.723	72.589	71.181	81.587
165.5	66.456	69.673	72.438	70.628	80.632
166.0	66.607	69.623	72.337	70.025	79.174
166.5	66.757	69.623	72.186	69.522	78.470

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

167.0	66.958	69.623	72.036	69.070	77.917
167.5	67.059	69.623	71.734	68.668	77.364
168.0	67.210	69.623	71.483	68.265	76.912
168.5	67.511	69.422	71.131	67.914	76.359
169.0	67.662	69.472	70.879	67.562	75.806
169.5	67.914	69.321	70.477	67.160	75.203
170.0	68.014	69.271	70.125	66.657	74.650
170.5	68.165	69.170	69.673	66.104	74.046
171.0	68.265	69.070	69.170	65.501	73.292
171.5	68.416	69.070	68.718	64.948	72.689
172.0	68.668	68.969	68.467	64.395	71.784
172.5	68.818	68.969	68.165	63.791	70.779
173.0	69.019	68.869	67.914	63.239	69.070
173.5	69.271	68.919	67.813	62.686	66.506
174.0	69.472	68.919	67.763	62.233	63.339
174.5	69.623	68.919	67.662	61.781	59.569
175.0	69.924	69.070	67.612	61.429	55.296
175.5	70.025	69.120	67.562	61.278	50.822
176.0	70.226	69.221	67.562	61.127	47.906
176.5	70.276	69.271	67.511	61.127	45.845
177.0	70.477	69.371	67.411	60.976	43.734
177.5	70.528	69.371	67.260	60.926	43.282
178.0	70.729	69.472	67.210	60.876	43.382
178.5	70.829	69.522	67.260	60.775	43.483
179.0	70.930	69.522	67.210	60.625	43.533
179.5	71.030	69.522	67.160	60.574	43.583
180.0	63.691	63.691	63.691	63.691	63.691



**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-8-L60-950-DIM-UNV\_.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	575.52	N.A.	11.70
0-30	1205.9	N.A.	24.50
0-40	1937.12	N.A.	39.40
0-60	3278.32	N.A.	66.70
0-80	4084.2	N.A.	83.10
0-90	4286.88	N.A.	87.30
10-90	4136.84	N.A.	84.20
20-40	1361.6	N.A.	27.70
20-50	2081.67	N.A.	42.40
40-70	1818.96	N.A.	37.00
60-80	805.88	N.A.	16.40
70-80	328.13	N.A.	6.70
80-90	202.68	N.A.	4.10
90-110	236.73	N.A.	4.80
90-120	336.39	N.A.	6.80
90-130	428.11	N.A.	8.70
90-150	562.03	N.A.	11.40
90-180	626.05	N.A.	12.70
110-180	389.32	N.A.	7.90
0-180	4912.93	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	150.04
10-20	425.48
20-30	630.39
30-40	731.21
40-50	720.07
50-60	621.14
60-70	477.76
70-80	328.13
80-90	202.68
90-100	129.86
100-110	106.87
110-120	99.66
120-130	91.72
130-140	77.08
140-150	56.84
150-160	37.17
160-170	20.48
170-180	6.38

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-8-L60-950-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-8-L60-950-DIM-UNV\_.IES**

**UGR TABLE - CORRECTED**

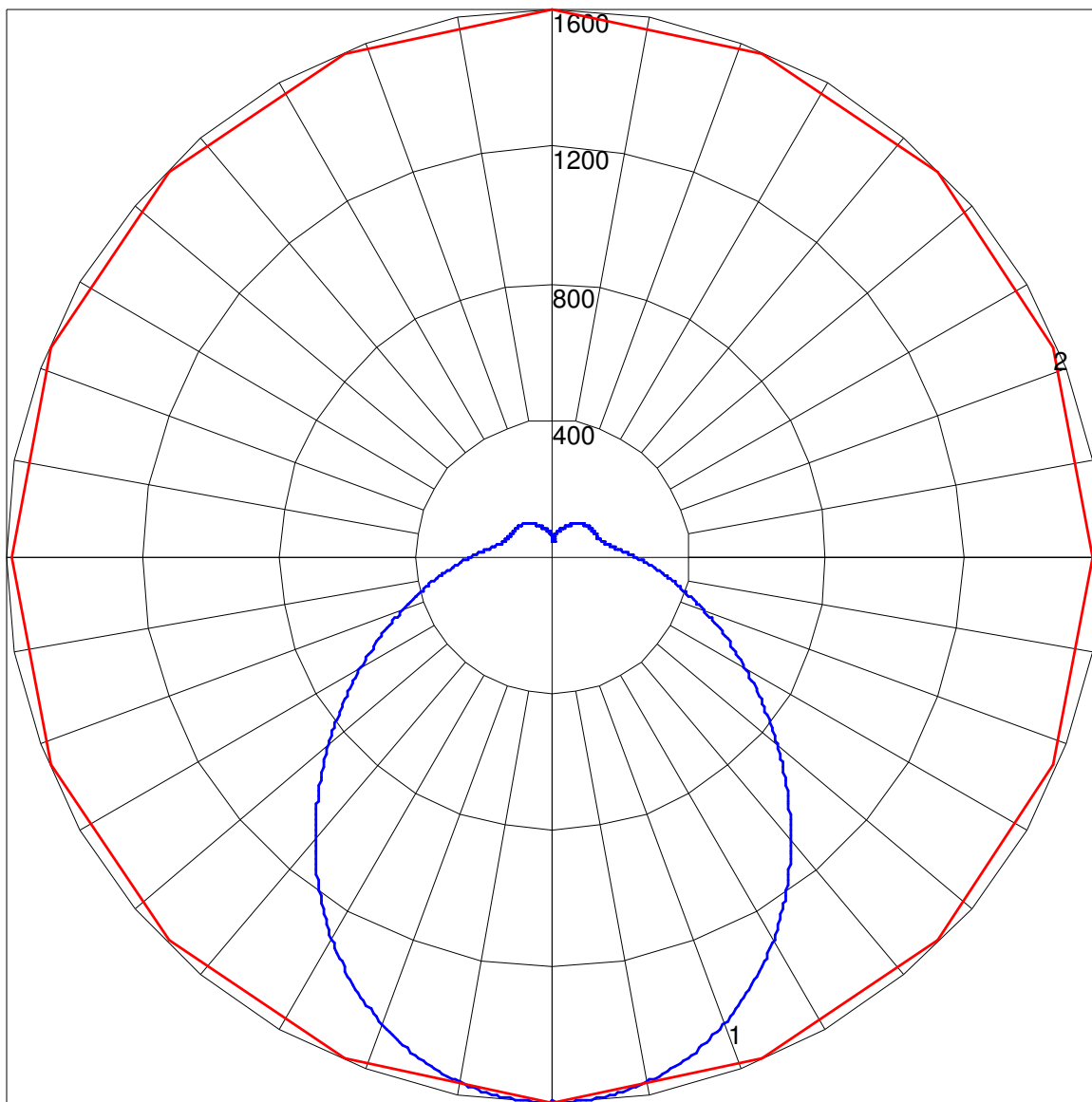
Reflectances

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	14.9	16.3	15.4	16.8	17.4	16.6	18.0	17.2	18.5	19.1
	3H	16.3	17.5	16.8	18.1	18.7	18.8	20.1	19.4	20.6	21.3
	4H	16.7	17.9	17.3	18.4	19.1	19.9	21.1	20.5	21.6	22.3
	6H	17.0	18.1	17.6	18.7	19.4	21.0	22.1	21.6	22.7	23.4
	8H	17.1	18.1	17.7	18.7	19.4	21.7	22.7	22.3	23.3	24.0
	12H	17.1	18.1	17.7	18.7	19.4	22.4	23.3	23.0	24.0	24.7
4H	2H	15.6	16.8	16.2	17.4	18.1	17.0	18.2	17.6	18.8	19.4
	3H	17.2	18.2	17.8	18.9	19.5	19.5	20.4	20.1	21.1	21.8
	4H	17.8	18.7	18.4	19.3	20.1	20.7	21.6	21.3	22.2	23.0
	6H	18.2	19.0	18.9	19.7	20.4	22.1	22.8	22.7	23.5	24.2
	8H	18.3	19.1	19.0	19.7	20.5	22.8	23.5	23.4	24.2	24.9
	12H	18.4	19.1	19.1	19.8	20.5	23.6	24.3	24.3	25.0	25.7
8H	4H	18.4	19.1	19.0	19.8	20.5	20.9	21.6	21.6	22.3	23.1
	6H	19.0	19.6	19.6	20.3	21.0	22.4	23.1	23.1	23.8	24.5
	8H	19.2	19.7	19.9	20.4	21.2	23.3	23.9	24.0	24.6	25.3
	12H	19.3	19.8	20.0	20.5	21.3	24.3	24.8	25.0	25.5	26.3
12H	4H	18.6	19.2	19.2	19.9	20.7	20.9	21.6	21.6	22.3	23.0
	6H	19.2	19.8	19.9	20.5	21.3	22.5	23.0	23.2	23.7	24.5
	8H	19.5	20.0	20.2	20.7	21.5	23.4	23.9	24.1	24.6	25.4

Maximum UGR = 26.3

POLAR GRAPH



Maximum Candela = 1599.563 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.)