

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-3-L64-950-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-3-L64-950-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	5571
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	116
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	16095	14457	14376
55	13896	12358	12621
65	11625	10563	11248
75	9231	9197	10513
85	6508	8982	11108

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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	1802.877	1802.877	1802.877	1802.877	1802.877
0.5	1794.328	1801.167	1802.307	1801.737	1813.707
1.0	1794.328	1801.737	1801.737	1801.167	1813.137
1.5	1792.618	1801.737	1801.167	1800.597	1813.707
2.0	1792.048	1800.027	1801.167	1800.027	1811.997
2.5	1792.048	1800.027	1799.457	1799.457	1810.857
3.0	1790.338	1798.317	1798.317	1798.317	1809.717
3.5	1789.198	1796.607	1796.607	1797.177	1808.577
4.0	1788.058	1795.467	1795.467	1794.898	1807.437
4.5	1785.208	1793.758	1794.328	1793.758	1805.727
5.0	1783.498	1792.048	1792.048	1792.048	1804.017
5.5	1781.218	1789.768	1789.768	1790.338	1801.737
6.0	1780.078	1786.918	1787.488	1787.488	1799.457
6.5	1776.088	1784.638	1785.208	1785.208	1796.607
7.0	1773.808	1781.788	1782.358	1781.788	1794.328
7.5	1771.528	1778.368	1779.508	1779.508	1791.478
8.0	1768.678	1776.088	1776.088	1776.088	1787.488
8.5	1765.828	1772.098	1773.238	1773.238	1784.068
9.0	1761.268	1769.248	1769.818	1769.248	1780.078
9.5	1758.418	1765.258	1765.258	1765.258	1777.798
10.0	1753.858	1760.698	1760.698	1761.838	1773.238
10.5	1749.868	1756.708	1757.278	1757.278	1769.248
11.0	1745.878	1752.718	1753.288	1752.718	1764.688
11.5	1740.748	1748.158	1749.298	1748.158	1760.698
12.0	1736.189	1743.028	1744.168	1744.168	1755.568
12.5	1731.629	1737.899	1739.609	1738.469	1751.008
13.0	1726.499	1733.339	1734.479	1733.909	1745.878
13.5	1721.369	1727.639	1728.779	1728.779	1741.318
14.0	1715.099	1721.939	1723.079	1723.079	1735.049
14.5	1709.969	1716.239	1717.379	1717.379	1730.489
15.0	1704.839	1710.539	1711.109	1711.109	1723.649
15.5	1698.569	1703.699	1705.409	1705.409	1716.809
16.0	1691.729	1697.429	1699.139	1699.139	1711.109
16.5	1686.029	1690.589	1692.299	1692.869	1704.839
17.0	1678.050	1683.180	1685.459	1686.029	1697.999
17.5	1671.210	1676.340	1678.620	1679.190	1691.159
18.0	1664.940	1669.500	1671.210	1672.920	1684.889
18.5	1657.530	1662.660	1664.370	1665.510	1677.480
19.0	1650.120	1654.110	1656.960	1658.100	1669.500
19.5	1641.570	1647.270	1649.550	1651.830	1662.090
20.0	1632.450	1638.720	1641.570	1643.280	1654.110
20.5	1623.331	1631.310	1633.590	1635.870	1646.700
21.0	1615.921	1622.191	1623.901	1628.461	1638.720
21.5	1607.371	1613.641	1616.491	1618.771	1630.170
22.0	1598.251	1605.661	1608.511	1610.791	1622.761
22.5	1590.271	1595.401	1599.391	1602.811	1614.211
23.0	1580.581	1586.281	1590.271	1593.691	1605.091
23.5	1570.322	1576.591	1581.721	1585.141	1596.541
24.0	1560.062	1566.902	1572.032	1576.021	1587.421
24.5	1551.512	1557.212	1562.912	1566.332	1577.161
25.0	1541.822	1547.522	1553.792	1557.212	1568.042
25.5	1530.992	1537.832	1542.962	1548.092	1557.212
26.0	1520.732	1527.002	1533.842	1538.402	1548.662
26.5	1509.903	1516.173	1524.152	1528.142	1538.972

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27.0	1499.073	1504.773	1514.463	1519.592	1529.282
27.5	1486.533	1493.943	1503.633	1508.193	1519.592
28.0	1477.413	1483.113	1492.803	1497.933	1508.763
28.5	1465.443	1472.283	1481.973	1487.103	1497.933
29.0	1454.044	1460.884	1470.573	1476.843	1487.673
29.5	1442.074	1448.914	1459.174	1465.443	1476.273
30.0	1430.104	1437.514	1447.774	1455.754	1466.583
30.5	1417.564	1424.974	1436.944	1444.924	1455.184
31.0	1405.595	1413.004	1424.974	1433.524	1443.214
31.5	1393.055	1401.605	1413.574	1422.694	1432.954
32.0	1381.085	1388.495	1402.175	1410.724	1420.984
32.5	1367.975	1375.955	1390.205	1399.325	1409.584
33.0	1355.435	1363.985	1377.095	1387.925	1398.185
33.5	1343.466	1351.446	1365.695	1375.385	1386.215
34.0	1329.216	1338.336	1353.156	1363.985	1375.385
34.5	1316.106	1325.796	1341.186	1351.446	1362.845
35.0	1304.136	1312.116	1329.216	1340.046	1350.876
35.5	1288.747	1299.576	1316.106	1327.506	1338.336
36.0	1276.777	1285.897	1303.566	1314.966	1326.366
36.5	1261.957	1272.217	1290.457	1302.996	1314.966
37.0	1248.277	1259.107	1277.347	1289.887	1302.996
37.5	1234.028	1244.857	1264.807	1278.487	1289.887
38.0	1219.778	1231.178	1251.127	1265.377	1276.207
38.5	1204.958	1216.928	1238.018	1253.407	1263.667
39.0	1191.848	1202.678	1224.338	1240.298	1253.407
39.5	1177.029	1189.568	1211.228	1227.188	1239.728
40.0	1161.069	1174.749	1197.548	1215.218	1226.618
40.5	1146.249	1160.499	1184.439	1202.678	1214.078
41.0	1132.569	1146.249	1170.759	1189.568	1200.968
41.5	1117.750	1132.000	1157.079	1176.459	1188.428
42.0	1102.930	1117.750	1143.399	1163.919	1175.889
42.5	1088.680	1102.930	1129.150	1150.809	1162.779
43.0	1072.721	1088.680	1116.040	1138.269	1150.239
43.5	1059.041	1073.861	1101.790	1125.160	1137.699
44.0	1043.651	1059.041	1087.540	1112.620	1124.590
44.5	1029.401	1044.791	1073.291	1098.940	1111.480
45.0	1014.582	1029.971	1059.611	1086.970	1099.510
45.5	999.762	1015.722	1045.931	1074.431	1086.970
46.0	984.942	1000.902	1031.111	1060.751	1073.861
46.5	970.122	986.082	1018.572	1049.351	1061.321
47.0	954.733	971.832	1004.322	1035.671	1048.781
47.5	939.913	957.013	990.072	1022.561	1035.671
48.0	925.663	942.193	975.822	1010.592	1022.561
48.5	909.704	927.943	962.713	996.912	1010.022
49.0	895.454	912.553	947.893	983.802	996.912
49.5	880.634	898.304	934.213	971.262	984.372
50.0	865.244	883.484	920.533	957.583	971.262
50.5	850.995	869.234	906.284	946.183	959.293
51.0	836.175	854.415	893.744	933.073	946.753
51.5	821.925	839.595	879.494	920.533	934.213
52.0	806.535	825.345	865.814	907.424	921.673
52.5	791.716	810.525	852.705	894.314	909.704
53.0	776.326	796.276	839.025	882.914	896.594
53.5	761.506	782.026	825.915	869.804	884.624
54.0	747.256	767.776	812.805	857.264	872.654
54.5	733.577	752.956	799.696	845.865	860.684

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55.0	719.327	739.277	786.586	832.755	849.855
55.5	707.357	725.027	773.476	820.785	836.745
56.0	693.677	712.487	760.936	808.815	824.775
56.5	679.428	699.377	747.826	796.846	813.375
57.0	665.748	686.268	735.287	784.876	801.405
57.5	651.498	672.588	724.457	773.476	788.296
58.0	637.248	658.908	711.917	760.936	778.606
58.5	623.569	645.228	699.377	750.106	767.206
59.0	609.889	631.549	687.408	740.417	755.236
59.5	596.209	618.439	676.578	728.447	746.116
60.0	582.529	604.759	664.608	717.047	734.717
60.5	569.135	591.649	652.638	706.217	723.317
61.0	555.683	578.540	640.668	695.387	712.487
61.5	542.345	565.544	628.699	684.558	702.227
62.0	529.235	552.662	617.299	674.298	691.397
62.5	516.297	539.894	605.329	664.038	681.138
63.0	503.187	527.183	593.929	653.208	672.018
63.5	490.191	514.644	583.099	642.948	661.758
64.0	477.537	502.275	571.700	632.119	651.498
64.5	464.941	490.191	560.870	621.859	641.238
65.0	452.458	478.050	549.983	611.599	631.549
65.5	440.146	466.195	539.210	601.339	621.289
66.0	427.663	454.339	528.551	591.079	611.599
66.5	415.465	442.768	517.950	581.389	601.909
67.0	403.553	431.311	507.405	571.130	592.219
67.5	391.583	420.025	497.088	561.554	582.529
68.0	379.784	409.025	486.828	551.864	573.410
68.5	368.156	398.081	476.796	542.459	563.891
69.0	356.586	387.251	466.879	532.997	554.885
69.5	345.186	376.649	457.075	523.821	545.936
70.0	333.843	366.218	447.442	514.815	537.044
70.5	322.785	355.902	437.809	505.809	528.266
71.0	311.841	345.699	428.347	496.917	519.603
71.5	301.012	335.724	419.113	488.253	511.053
72.0	290.410	325.692	409.880	479.646	502.731
72.5	279.751	316.002	400.874	471.210	494.466
73.0	269.377	306.369	391.925	462.889	486.144
73.5	259.288	296.851	383.261	454.624	478.050
74.0	249.313	287.617	374.483	446.644	469.899
74.5	239.510	278.326	366.104	438.721	462.205
75.0	229.763	269.263	357.783	430.969	454.738
75.5	220.187	260.428	349.575	423.274	447.157
76.0	210.896	251.764	341.595	415.636	439.747
76.5	201.662	243.215	333.672	408.170	432.337
77.0	192.543	234.722	325.863	400.760	425.155
77.5	183.594	226.457	318.168	393.578	418.030
78.0	174.759	218.363	310.701	386.510	411.020
78.5	166.095	210.383	303.292	379.385	404.066
79.0	157.602	202.631	296.110	372.488	397.226
79.5	149.166	194.936	289.042	365.762	390.386
80.0	140.844	187.356	281.974	359.093	383.888
80.5	132.751	180.003	275.134	352.368	377.276
81.0	124.885	172.764	268.579	345.870	370.835
81.5	116.905	165.696	262.024	339.429	364.394
82.0	109.210	158.799	255.640	333.216	358.182
82.5	101.686	152.016	249.370	327.003	352.083

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CANDELA TABULATION - (Cont.)

83.0	94.276	145.404	243.215	321.018	346.155
83.5	86.923	138.963	237.344	314.919	339.999
84.0	79.742	132.694	231.644	309.162	334.128
84.5	72.617	126.652	226.058	303.463	328.371
85.0	65.777	120.781	220.586	297.820	322.614
85.5	58.937	115.195	215.228	292.348	317.028
86.0	52.211	109.837	209.984	286.990	311.499
86.5	45.542	104.821	205.025	281.632	305.970
87.0	38.987	99.976	200.009	276.559	300.556
87.5	32.432	95.473	195.278	271.429	295.369
88.0	25.935	91.084	190.605	266.470	290.125
88.5	19.380	86.980	186.102	261.568	285.052
89.0	13.395	83.104	181.827	256.837	280.036
89.5	8.493	79.514	177.666	252.277	275.134
90.0	5.073	76.322	173.847	247.946	270.631
90.5	3.591	73.529	170.313	243.614	265.843
91.0	3.819	70.964	166.722	239.225	261.283
91.5	4.560	68.513	163.131	235.064	256.723
92.0	5.415	66.461	159.711	230.846	252.277
92.5	6.327	64.694	156.804	226.799	247.889
93.0	7.239	63.155	153.783	222.980	243.671
93.5	8.208	61.958	150.933	219.218	239.681
94.0	9.234	60.932	148.254	215.684	235.805
94.5	10.203	60.191	145.746	212.093	231.815
95.0	11.172	59.621	143.409	208.559	227.996
95.5	12.084	59.222	141.243	205.196	224.234
96.0	12.825	59.051	139.362	201.947	220.529
96.5	13.566	59.051	137.482	198.926	217.109
97.0	14.250	59.108	135.772	196.019	213.689
97.5	14.991	59.336	134.176	193.227	210.554
98.0	15.618	59.564	132.751	190.491	207.362
98.5	16.359	59.849	131.554	187.869	204.398
99.0	17.100	60.191	130.300	185.418	201.491
99.5	17.898	60.590	129.217	183.081	198.641
100.0	18.582	60.989	128.362	180.915	196.076
100.5	19.380	61.445	127.507	178.806	193.454
101.0	20.064	61.901	126.880	176.811	191.118
101.5	20.748	62.357	126.253	174.930	188.724
102.0	21.375	62.813	125.797	173.163	186.615
102.5	22.002	63.269	125.341	171.510	184.506
103.0	22.629	63.782	124.999	169.857	182.625
103.5	23.313	64.295	124.714	168.432	180.687
104.0	24.054	64.751	124.429	167.121	178.920
104.5	24.795	65.264	124.258	165.867	177.267
105.0	25.479	65.777	124.087	164.727	175.671
105.5	26.106	66.233	123.916	163.530	174.303
106.0	26.847	66.803	123.859	162.504	172.935
106.5	27.531	67.316	123.859	161.535	171.567
107.0	28.214	67.886	123.859	160.623	170.427
107.5	28.841	68.342	123.859	159.939	169.230
108.0	29.639	68.912	123.859	159.141	168.033
108.5	30.380	69.482	123.916	158.571	167.235
109.0	31.121	69.938	124.030	157.830	166.437
109.5	31.919	70.451	124.087	157.317	165.582
110.0	32.717	70.964	124.201	156.747	164.898
110.5	33.515	71.477	124.315	156.234	164.271

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CANDELA TABULATION - (Cont.)

111.0	34.313	71.990	124.372	155.778	163.587
111.5	35.111	72.446	124.429	155.436	163.017
112.0	35.966	72.959	124.543	155.094	162.333
112.5	36.821	73.472	124.657	154.695	161.706
113.0	37.733	73.985	124.828	154.410	161.421
113.5	38.588	74.441	124.828	154.125	161.022
114.0	39.500	74.897	124.942	153.897	160.623
114.5	40.355	75.410	125.056	153.612	160.281
115.0	41.267	75.809	125.170	153.441	159.996
115.5	42.179	76.322	125.170	153.270	159.711
116.0	43.034	76.778	125.341	153.042	159.369
116.5	43.832	77.234	125.455	152.814	159.255
117.0	44.744	77.747	125.569	152.814	158.970
117.5	45.599	78.146	125.683	152.586	158.799
118.0	46.340	78.545	125.797	152.472	158.571
118.5	47.195	78.944	125.854	152.301	158.514
119.0	47.936	79.343	125.968	152.130	158.172
119.5	48.734	79.628	126.082	151.959	158.115
120.0	49.475	79.913	126.025	151.845	157.830
120.5	50.216	80.255	126.082	151.617	157.773
121.0	50.957	80.483	126.196	151.446	157.545
121.5	51.755	80.768	126.139	151.218	157.431
122.0	52.496	81.110	126.139	151.104	157.260
122.5	53.237	81.452	126.196	150.876	156.861
123.0	53.978	81.794	126.139	150.648	156.804
123.5	54.662	82.079	126.025	150.477	156.462
124.0	55.232	82.307	126.025	150.306	156.405
124.5	55.802	82.535	126.025	150.021	156.177
125.0	56.372	82.820	125.911	149.736	155.949
125.5	56.942	82.990	125.797	149.565	155.664
126.0	57.455	83.218	125.740	149.223	155.436
126.5	57.911	83.503	125.626	148.995	155.265
127.0	58.424	83.617	125.512	148.710	155.037
127.5	58.823	83.788	125.341	148.425	154.638
128.0	59.336	83.788	125.284	148.083	154.410
128.5	59.735	83.902	125.056	147.798	154.182
129.0	60.134	84.016	124.828	147.513	153.897
129.5	60.476	84.187	124.429	147.057	153.555
130.0	60.761	84.301	124.030	146.772	153.213
130.5	61.046	84.415	123.574	146.430	152.814
131.0	61.217	84.586	123.118	145.917	152.415
131.5	61.445	84.757	122.662	145.461	152.016
132.0	61.673	84.928	122.149	145.176	151.674
132.5	61.787	84.985	121.579	144.606	151.161
133.0	61.958	85.042	121.351	144.093	150.534
133.5	62.015	84.985	121.009	143.694	150.249
134.0	62.072	84.871	120.781	143.238	149.850
134.5	62.243	84.643	120.496	142.725	149.109
135.0	62.414	84.472	120.154	142.041	148.539
135.5	62.357	84.016	119.869	141.585	148.083
136.0	62.471	83.959	119.470	141.015	147.513
136.5	62.585	83.788	119.185	140.388	146.943
137.0	62.642	83.503	118.729	139.875	146.316
137.5	62.699	83.218	118.330	139.191	145.746
138.0	62.813	83.047	117.760	138.621	145.062
138.5	62.813	82.820	117.019	137.995	144.549

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

139.0	62.756	82.649	116.164	137.254	143.751
139.5	62.756	82.421	115.138	136.456	143.181
140.0	62.756	82.136	113.998	135.715	142.383
140.5	62.756	81.965	112.972	134.803	141.528
141.0	62.756	81.851	111.832	133.834	140.844
141.5	62.756	81.623	110.692	132.979	140.160
142.0	62.699	81.509	109.609	131.896	139.419
142.5	62.642	81.338	108.469	130.927	138.564
143.0	62.585	81.167	107.386	130.015	137.710
143.5	62.585	80.939	106.132	129.046	136.912
144.0	62.585	80.654	105.049	128.305	136.000
144.5	62.756	80.426	103.966	127.450	135.202
145.0	62.984	80.198	102.769	126.709	134.290
145.5	63.383	79.913	101.686	125.968	133.378
146.0	63.896	79.685	100.660	125.170	132.523
146.5	64.409	79.457	99.805	124.315	131.554
147.0	64.922	79.172	98.836	123.460	130.585
147.5	65.378	79.058	98.095	122.605	129.616
148.0	65.891	78.830	97.297	121.636	128.590
148.5	66.347	78.773	96.670	120.724	127.564
149.0	66.917	78.773	95.986	119.812	126.652
149.5	67.316	78.944	95.359	118.843	125.512
150.0	67.772	79.058	94.732	117.931	124.315
150.5	68.171	79.115	94.048	116.905	123.061
151.0	68.456	79.286	93.136	115.879	121.579
151.5	68.741	79.343	92.167	114.796	120.211
152.0	69.083	79.457	91.255	113.656	118.843
152.5	69.425	79.571	90.400	112.459	117.361
153.0	69.653	79.628	89.488	111.091	116.164
153.5	69.938	79.799	88.519	109.666	114.796
154.0	70.166	79.742	87.664	108.070	113.656
154.5	70.451	79.799	86.923	106.531	112.516
155.0	70.565	79.913	86.182	104.764	111.661
155.5	70.793	79.970	85.441	103.111	110.749
156.0	70.964	79.970	84.928	101.344	109.951
156.5	71.249	79.970	84.415	99.577	108.925
157.0	71.363	80.084	83.902	97.981	107.956
157.5	71.534	80.084	83.560	96.442	106.873
158.0	71.762	80.027	83.389	94.846	105.847
158.5	71.819	80.027	83.161	93.535	104.650
159.0	72.104	79.856	82.990	92.281	103.624
159.5	72.332	79.742	82.706	91.084	102.484
160.0	72.617	79.628	82.421	90.115	101.344
160.5	72.959	79.571	82.193	89.203	100.261
161.0	73.187	79.400	82.136	88.234	99.178
161.5	73.529	79.343	82.022	87.265	98.380
162.0	73.814	79.229	82.193	86.467	97.696
162.5	74.099	79.229	82.307	85.612	96.898
163.0	74.441	79.172	82.364	84.700	96.214
163.5	74.726	79.172	82.478	83.731	95.359
164.0	74.840	79.172	82.592	82.535	94.561
164.5	75.011	79.058	82.478	81.623	93.535
165.0	75.182	79.058	82.307	80.711	92.509
165.5	75.353	79.001	82.136	80.084	91.426
166.0	75.524	78.944	82.022	79.400	89.773
166.5	75.695	78.944	81.851	78.830	88.975

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

167.0	75.923	78.944	81.680	78.317	88.348
167.5	76.037	78.944	81.338	77.861	87.721
168.0	76.208	78.944	81.053	77.405	87.208
168.5	76.550	78.716	80.654	77.006	86.581
169.0	76.721	78.773	80.369	76.607	85.954
169.5	77.006	78.602	79.913	76.151	85.270
170.0	77.120	78.545	79.514	75.581	84.643
170.5	77.291	78.431	79.001	74.954	83.959
171.0	77.405	78.317	78.431	74.270	83.104
171.5	77.576	78.317	77.918	73.643	82.421
172.0	77.861	78.203	77.633	73.016	81.395
172.5	78.032	78.203	77.291	72.332	80.255
173.0	78.260	78.089	77.006	71.705	78.317
173.5	78.545	78.146	76.892	71.078	75.410
174.0	78.773	78.146	76.835	70.565	71.819
174.5	78.944	78.146	76.721	70.052	67.544
175.0	79.286	78.317	76.664	69.653	62.699
175.5	79.400	78.374	76.607	69.482	57.626
176.0	79.628	78.488	76.607	69.311	54.320
176.5	79.685	78.545	76.550	69.311	51.983
177.0	79.913	78.659	76.436	69.140	49.589
177.5	79.970	78.659	76.265	69.083	49.076
178.0	80.198	78.773	76.208	69.026	49.190
178.5	80.312	78.830	76.265	68.912	49.304
179.0	80.426	78.830	76.208	68.741	49.361
179.5	80.540	78.830	76.151	68.684	49.418
180.0	72.218	72.218	72.218	72.218	72.218

IES INDOOR REPORT
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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	652.57	N.A.	11.70
0-30	1367.35	N.A.	24.50
0-40	2196.45	N.A.	39.40
0-60	3717.21	N.A.	66.70
0-80	4630.98	N.A.	83.10
0-90	4860.8	N.A.	87.30
10-90	4690.67	N.A.	84.20
20-40	1543.89	N.A.	27.70
20-50	2360.35	N.A.	42.40
40-70	2062.48	N.A.	37.00
60-80	913.77	N.A.	16.40
70-80	372.05	N.A.	6.70
80-90	229.81	N.A.	4.10
90-110	268.42	N.A.	4.80
90-120	381.42	N.A.	6.80
90-130	485.43	N.A.	8.70
90-150	637.27	N.A.	11.40
90-180	709.87	N.A.	12.70
110-180	441.44	N.A.	7.90
0-180	5570.66	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	170.13
10-20	482.44
20-30	714.78
30-40	829.11
40-50	816.47
50-60	704.29
60-70	541.72
70-80	372.05
80-90	229.81
90-100	147.24
100-110	121.18
110-120	113.00
120-130	104.00
130-140	87.40
140-150	64.45
150-160	42.14
160-170	23.22
170-180	7.23

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-3-L64-950-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-3-L64-950-DIM-UNV_.IES

UGR TABLE - CORRECTED

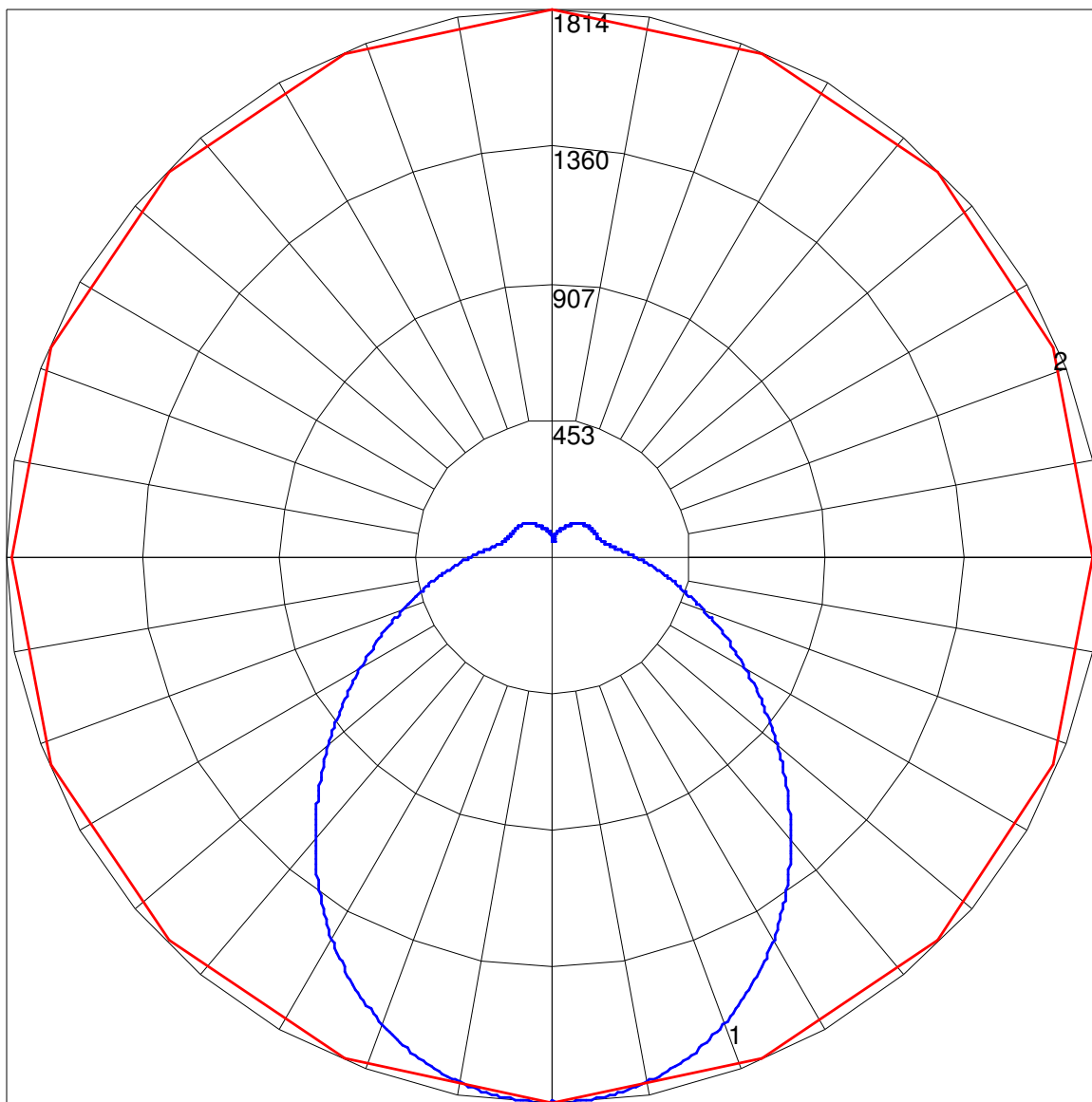
Reflectances

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	18.8	20.1	19.3	20.7	21.3	20.4	21.8	21.0	22.3	23.0
	3H	20.1	21.4	20.7	21.9	22.6	22.6	23.8	23.2	24.4	25.1
	4H	20.6	21.7	21.2	22.3	23.0	23.7	24.8	24.2	25.4	26.1
	6H	20.9	22.0	21.5	22.6	23.2	24.8	25.9	25.4	26.5	27.1
	8H	20.9	22.0	21.6	22.6	23.3	25.3	26.4	26.0	27.0	27.7
	12H	21.0	22.0	21.6	22.6	23.3	26.0	27.0	26.6	27.6	28.3
4H	2H	19.5	20.7	20.1	21.3	21.9	20.8	22.0	21.4	22.6	23.2
	3H	21.1	22.1	21.7	22.7	23.4	23.2	24.2	23.8	24.9	25.6
	4H	21.7	22.6	22.3	23.2	23.9	24.5	25.4	25.1	26.0	26.7
	6H	22.1	22.9	22.7	23.5	24.3	25.8	26.6	26.4	27.2	28.0
	8H	22.2	22.9	22.8	23.6	24.3	26.5	27.2	27.1	27.9	28.6
	12H	22.3	22.9	22.9	23.6	24.4	27.2	27.9	27.9	28.6	29.4
8H	4H	22.2	23.0	22.9	23.6	24.4	24.7	25.4	25.3	26.1	26.8
	6H	22.8	23.4	23.5	24.1	24.9	26.2	26.8	26.8	27.5	28.2
	8H	23.0	23.6	23.7	24.3	25.1	27.0	27.6	27.7	28.3	29.0
	12H	23.2	23.7	23.9	24.4	25.2	28.0	28.5	28.7	29.2	30.0
12H	4H	22.4	23.1	23.1	23.7	24.5	24.7	25.3	25.3	26.0	26.8
	6H	23.1	23.6	23.8	24.3	25.1	26.2	26.8	26.9	27.4	28.3
	8H	23.4	23.9	24.1	24.6	25.4	27.1	27.6	27.8	28.3	29.1

Maximum UGR = 30.0

POLAR GRAPH



Maximum Candela = 1813.707 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.)