

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-4-L65-827-HE-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-4-L65-827-HE-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	4811
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	134
Total Luminaire Watts	35.8
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)	3.71 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	10557	9456	9363
55	9141	8095	8219
65	7684	6933	7325
75	6163	6057	6847
85	4520	5958	7234

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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	1557.129	1557.129	1557.129	1557.129	1557.129
0.5	1549.745	1555.652	1556.637	1556.145	1566.483
1.0	1549.745	1556.145	1556.145	1555.652	1565.991
1.5	1548.268	1556.145	1555.652	1555.160	1566.483
2.0	1547.776	1554.668	1555.652	1554.668	1565.006
2.5	1547.776	1554.668	1554.176	1554.176	1564.021
3.0	1546.299	1553.191	1553.191	1553.191	1563.037
3.5	1545.314	1551.714	1551.714	1552.206	1562.052
4.0	1544.330	1550.730	1550.730	1550.237	1561.068
4.5	1541.868	1549.253	1549.745	1549.253	1559.591
5.0	1540.391	1547.776	1547.776	1547.776	1558.114
5.5	1538.422	1545.807	1545.807	1546.299	1556.145
6.0	1537.438	1543.345	1543.837	1543.837	1554.176
6.5	1533.991	1541.376	1541.868	1541.868	1551.714
7.0	1532.022	1538.914	1539.407	1538.914	1549.745
7.5	1530.053	1535.961	1536.945	1536.945	1547.283
8.0	1527.592	1533.991	1533.991	1533.991	1543.837
8.5	1525.130	1530.545	1531.530	1531.530	1540.884
9.0	1521.192	1528.084	1528.576	1528.084	1537.438
9.5	1518.730	1524.638	1524.638	1524.638	1535.468
10.0	1514.792	1520.700	1520.700	1521.684	1531.530
10.5	1511.346	1517.253	1517.746	1517.746	1528.084
11.0	1507.900	1513.807	1514.300	1513.807	1524.146
11.5	1503.469	1509.869	1510.854	1509.869	1520.700
12.0	1499.531	1505.438	1506.423	1506.423	1516.269
12.5	1495.592	1501.008	1502.485	1501.500	1512.331
13.0	1491.162	1497.069	1498.054	1497.562	1507.900
13.5	1486.731	1492.146	1493.131	1493.131	1503.961
14.0	1481.316	1487.223	1488.208	1488.208	1498.546
14.5	1476.885	1482.301	1483.285	1483.285	1494.608
15.0	1472.455	1477.378	1477.870	1477.870	1488.700
15.5	1467.039	1471.470	1472.947	1472.947	1482.793
16.0	1461.132	1466.055	1467.532	1467.532	1477.870
16.5	1456.209	1460.147	1461.624	1462.116	1472.455
17.0	1449.317	1453.747	1455.717	1456.209	1466.547
17.5	1443.409	1447.840	1449.809	1450.301	1460.640
18.0	1437.994	1441.932	1443.409	1444.886	1455.224
18.5	1431.594	1436.025	1437.502	1438.486	1448.824
19.0	1425.194	1428.640	1431.102	1432.086	1441.932
19.5	1417.810	1422.733	1424.702	1426.671	1435.532
20.0	1409.933	1415.348	1417.810	1419.287	1428.640
20.5	1402.056	1408.949	1410.918	1412.887	1422.241
21.0	1395.657	1401.072	1402.549	1406.487	1415.348
21.5	1388.272	1393.687	1396.149	1398.118	1407.964
22.0	1380.395	1386.795	1389.257	1391.226	1401.564
22.5	1373.503	1377.934	1381.380	1384.334	1394.180
23.0	1365.134	1370.057	1373.503	1376.457	1386.303
23.5	1356.273	1361.688	1366.119	1369.073	1378.919
24.0	1347.412	1353.319	1357.750	1361.196	1371.042
24.5	1340.027	1344.950	1349.873	1352.827	1362.181
25.0	1331.658	1336.581	1341.996	1344.950	1354.304
25.5	1322.305	1328.212	1332.643	1337.073	1344.950
26.0	1313.443	1318.859	1324.766	1328.704	1337.566
26.5	1304.090	1309.505	1316.397	1319.843	1329.197

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CANDELA TABULATION - (Cont.)

27.0	1294.736	1299.659	1308.028	1312.459	1320.828
27.5	1283.906	1290.305	1298.674	1302.613	1312.459
28.0	1276.029	1280.952	1289.321	1293.751	1303.105
28.5	1265.691	1271.598	1279.967	1284.398	1293.751
29.0	1255.845	1261.752	1270.121	1275.537	1284.890
29.5	1245.507	1251.414	1260.275	1265.691	1275.044
30.0	1235.168	1241.568	1250.430	1257.322	1266.675
30.5	1224.338	1230.738	1241.076	1247.968	1256.829
31.0	1214.000	1220.400	1230.738	1238.122	1246.491
31.5	1203.169	1210.554	1220.892	1228.769	1237.630
32.0	1192.831	1199.231	1211.046	1218.430	1227.292
32.5	1181.508	1188.400	1200.708	1208.584	1217.446
33.0	1170.678	1178.062	1189.385	1198.739	1207.600
33.5	1160.340	1167.232	1179.539	1187.908	1197.262
34.0	1148.032	1155.909	1168.709	1178.062	1187.908
34.5	1136.709	1145.078	1158.370	1167.232	1177.078
35.0	1126.371	1133.263	1148.032	1157.386	1166.739
35.5	1113.079	1122.433	1136.709	1146.555	1155.909
36.0	1102.741	1110.618	1125.879	1135.725	1145.571
36.5	1089.941	1098.803	1114.556	1125.387	1135.725
37.0	1078.126	1087.480	1103.233	1114.064	1125.387
37.5	1065.819	1075.172	1092.403	1104.218	1114.064
38.0	1053.511	1063.357	1080.588	1092.895	1102.249
38.5	1040.712	1051.050	1069.265	1082.557	1091.418
39.0	1029.389	1038.743	1057.450	1071.234	1082.557
39.5	1016.589	1027.420	1046.127	1059.911	1070.742
40.0	1002.805	1014.620	1034.312	1049.573	1059.419
40.5	990.005	1002.313	1022.989	1038.743	1048.589
41.0	978.190	990.005	1011.174	1027.420	1037.266
41.5	965.391	977.698	999.359	1016.097	1026.435
42.0	952.591	965.391	987.544	1005.267	1015.605
42.5	940.284	952.591	975.237	993.944	1004.282
43.0	926.499	940.284	963.914	983.113	993.451
43.5	914.684	927.484	951.606	971.791	982.621
44.0	901.392	914.684	939.299	960.960	971.298
44.5	889.085	902.377	926.992	949.145	959.975
45.0	876.285	889.577	915.177	938.807	949.637
45.5	863.486	877.270	903.361	927.976	938.807
46.0	850.686	864.470	890.562	916.161	927.484
46.5	837.886	851.670	879.731	906.315	916.653
47.0	824.594	839.363	867.424	894.500	905.823
47.5	811.795	826.563	855.117	883.177	894.500
48.0	799.487	813.764	842.809	872.839	883.177
48.5	785.703	801.456	831.486	861.024	872.347
49.0	773.396	788.164	818.687	849.701	861.024
49.5	760.596	775.857	806.872	838.871	850.194
50.0	747.304	763.057	795.057	827.056	838.871
50.5	734.997	750.750	782.749	817.210	828.533
51.0	722.197	737.950	771.919	805.887	817.702
51.5	709.890	725.151	759.611	795.057	806.872
52.0	696.598	712.843	747.796	783.734	796.041
52.5	683.798	700.044	736.473	772.411	785.703
53.0	670.506	687.736	724.658	762.565	774.380
53.5	657.706	675.429	713.336	751.242	764.042
54.0	645.399	663.121	702.013	740.412	753.704
54.5	633.584	650.322	690.690	730.566	743.366

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55.0	621.276	638.507	679.367	719.243	734.012
55.5	610.938	626.199	668.044	708.905	722.689
56.0	599.123	615.369	657.214	698.567	712.351
56.5	586.816	604.046	645.891	688.229	702.505
57.0	575.001	592.723	635.061	677.890	692.167
57.5	562.693	580.908	625.707	668.044	680.844
58.0	550.386	569.093	614.877	657.214	672.475
58.5	538.571	557.278	604.046	647.860	662.629
59.0	526.756	545.463	593.708	639.491	652.291
59.5	514.941	534.140	584.354	629.153	644.414
60.0	503.126	522.325	574.016	619.307	634.568
60.5	491.557	511.002	563.678	609.954	624.722
61.0	479.938	499.680	553.340	600.600	615.369
61.5	468.419	488.455	543.001	591.246	606.508
62.0	457.096	477.329	533.156	582.385	597.154
62.5	445.921	466.302	522.817	573.524	588.293
63.0	434.598	455.324	512.971	564.170	580.416
63.5	423.374	444.493	503.618	555.309	571.555
64.0	412.445	433.810	493.772	545.955	562.693
64.5	401.565	423.374	484.418	537.094	553.832
65.0	390.784	412.888	475.016	528.233	545.463
65.5	380.150	402.648	465.711	519.371	536.602
66.0	369.369	392.408	456.505	510.510	528.233
66.5	358.834	382.415	447.349	502.141	519.864
67.0	348.545	372.520	438.241	493.280	511.495
67.5	338.207	362.772	429.331	485.009	503.126
68.0	328.016	353.271	420.469	476.640	495.249
68.5	317.973	343.819	411.805	468.517	487.028
69.0	307.980	334.465	403.239	460.345	479.249
69.5	298.134	325.309	394.771	452.419	471.520
70.0	288.337	316.300	386.452	444.641	463.840
70.5	278.787	307.389	378.132	436.863	456.259
71.0	269.335	298.577	369.960	429.183	448.776
71.5	259.981	289.962	361.985	421.700	441.392
72.0	250.824	281.297	354.009	414.266	434.204
72.5	241.618	272.928	346.231	406.980	427.066
73.0	232.659	264.609	338.502	399.793	419.878
73.5	223.945	256.387	331.019	392.655	412.888
74.0	215.330	248.412	323.438	385.762	405.848
74.5	206.862	240.388	316.201	378.920	399.202
75.0	198.444	232.560	309.014	372.224	392.753
75.5	190.174	224.930	301.925	365.578	386.205
76.0	182.149	217.447	295.032	358.982	379.806
76.5	174.174	210.062	288.190	352.533	373.406
77.0	166.297	202.727	281.445	346.133	367.203
77.5	158.568	195.589	274.799	339.930	361.049
78.0	150.938	188.598	268.350	333.825	354.994
78.5	143.455	181.706	261.950	327.672	348.988
79.0	136.120	175.011	255.747	321.715	343.080
79.5	128.834	168.365	249.643	315.906	337.173
80.0	121.646	161.817	243.538	310.146	331.561
80.5	114.656	155.467	237.631	304.337	325.850
81.0	107.862	149.215	231.969	298.725	320.287
81.5	100.970	143.110	226.308	293.162	314.724
82.0	94.324	137.153	220.794	287.796	309.358
82.5	87.825	131.295	215.379	282.430	304.091

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83.0	81.426	125.584	210.062	277.261	298.971
83.5	75.075	120.022	204.992	271.993	293.654
84.0	68.872	114.606	200.069	267.021	288.583
84.5	62.718	109.388	195.244	262.098	283.611
85.0	56.811	104.317	190.518	257.224	278.639
85.5	50.903	99.493	185.891	252.498	273.815
86.0	45.094	94.865	181.362	247.871	269.039
86.5	39.334	90.533	177.079	243.243	264.264
87.0	33.673	86.349	172.746	238.862	259.587
87.5	28.012	82.459	168.660	234.431	255.107
88.0	22.399	78.669	164.623	230.148	250.578
88.5	16.738	75.124	160.734	225.914	246.197
89.0	11.569	71.777	157.042	221.828	241.865
89.5	7.335	68.675	153.448	217.890	237.631
90.0	4.381	65.918	150.150	214.148	233.742
90.5	3.101	63.506	147.098	210.407	229.606
91.0	3.298	61.291	143.996	206.616	225.668
91.5	3.938	59.174	140.895	203.022	221.730
92.0	4.677	57.402	137.941	199.380	217.890
92.5	5.464	55.875	135.430	195.884	214.099
93.0	6.252	54.546	132.821	192.586	210.456
93.5	7.089	53.512	130.360	189.337	207.010
94.0	7.975	52.626	128.046	186.284	203.662
94.5	8.812	51.986	125.880	183.183	200.216
95.0	9.649	51.494	123.861	180.131	196.918
95.5	10.437	51.149	121.991	177.226	193.669
96.0	11.077	51.002	120.366	174.420	190.469
96.5	11.717	51.002	118.742	171.811	187.515
97.0	12.307	51.051	117.265	169.300	184.561
97.5	12.947	51.248	115.886	166.888	181.854
98.0	13.489	51.445	114.656	164.525	179.097
98.5	14.129	51.691	113.622	162.260	176.537
99.0	14.769	51.986	112.539	160.144	174.026
99.5	15.458	52.331	111.603	158.125	171.565
100.0	16.049	52.676	110.865	156.254	169.350
100.5	16.738	53.069	110.126	154.433	167.085
101.0	17.329	53.463	109.585	152.710	165.067
101.5	17.920	53.857	109.043	151.085	162.999
102.0	18.461	54.251	108.650	149.559	161.177
102.5	19.003	54.645	108.256	148.132	159.356
103.0	19.544	55.088	107.960	146.704	157.731
103.5	20.135	55.531	107.714	145.473	156.058
104.0	20.775	55.925	107.468	144.341	154.531
104.5	21.415	56.368	107.320	143.258	153.104
105.0	22.006	56.811	107.173	142.273	151.725
105.5	22.547	57.205	107.025	141.239	150.544
106.0	23.187	57.697	106.976	140.353	149.362
106.5	23.778	58.140	106.976	139.516	148.181
107.0	24.369	58.632	106.976	138.729	147.196
107.5	24.910	59.026	106.976	138.138	146.162
108.0	25.599	59.518	106.976	137.449	145.129
108.5	26.239	60.011	107.025	136.956	144.439
109.0	26.879	60.405	107.123	136.317	143.750
109.5	27.569	60.848	107.173	135.873	143.012
110.0	28.258	61.291	107.271	135.381	142.421
110.5	28.947	61.734	107.370	134.938	141.879

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CANDELA TABULATION - (Cont.)

111.0	29.636	62.177	107.419	134.544	141.289
111.5	30.325	62.571	107.468	134.249	140.796
112.0	31.064	63.014	107.566	133.953	140.206
112.5	31.802	63.457	107.665	133.609	139.664
113.0	32.590	63.900	107.813	133.363	139.418
113.5	33.328	64.294	107.813	133.117	139.073
114.0	34.116	64.688	107.911	132.920	138.729
114.5	34.854	65.131	108.010	132.674	138.433
115.0	35.642	65.475	108.108	132.526	138.187
115.5	36.430	65.918	108.108	132.378	137.941
116.0	37.168	66.312	108.256	132.181	137.646
116.5	37.857	66.706	108.354	131.984	137.547
117.0	38.645	67.149	108.453	131.984	137.301
117.5	39.384	67.494	108.551	131.787	137.153
118.0	40.024	67.838	108.650	131.689	136.956
118.5	40.762	68.183	108.699	131.541	136.907
119.0	41.402	68.527	108.797	131.394	136.612
119.5	42.091	68.774	108.896	131.246	136.563
120.0	42.731	69.020	108.846	131.147	136.317
120.5	43.371	69.315	108.896	130.950	136.267
121.0	44.011	69.512	108.994	130.803	136.070
121.5	44.700	69.758	108.945	130.606	135.972
122.0	45.340	70.054	108.945	130.507	135.824
122.5	45.980	70.349	108.994	130.311	135.480
123.0	46.620	70.644	108.945	130.114	135.430
123.5	47.211	70.890	108.846	129.966	135.135
124.0	47.703	71.087	108.846	129.818	135.086
124.5	48.196	71.284	108.846	129.572	134.889
125.0	48.688	71.530	108.748	129.326	134.692
125.5	49.180	71.678	108.650	129.178	134.446
126.0	49.623	71.875	108.600	128.883	134.249
126.5	50.017	72.121	108.502	128.686	134.101
127.0	50.460	72.220	108.403	128.440	133.904
127.5	50.805	72.367	108.256	128.194	133.560
128.0	51.248	72.367	108.206	127.898	133.363
128.5	51.593	72.466	108.010	127.652	133.166
129.0	51.937	72.564	107.813	127.406	132.920
129.5	52.233	72.712	107.468	127.012	132.624
130.0	52.479	72.810	107.123	126.766	132.329
130.5	52.725	72.909	106.730	126.471	131.984
131.0	52.872	73.057	106.336	126.028	131.640
131.5	53.069	73.204	105.942	125.634	131.295
132.0	53.266	73.352	105.499	125.388	131.000
132.5	53.365	73.401	105.007	124.895	130.557
133.0	53.512	73.450	104.810	124.452	130.015
133.5	53.562	73.401	104.514	124.108	129.769
134.0	53.611	73.303	104.317	123.714	129.424
134.5	53.759	73.106	104.071	123.271	128.784
135.0	53.906	72.958	103.776	122.680	128.292
135.5	53.857	72.564	103.530	122.286	127.898
136.0	53.956	72.515	103.185	121.794	127.406
136.5	54.054	72.367	102.939	121.252	126.914
137.0	54.103	72.121	102.545	120.809	126.372
137.5	54.152	71.875	102.200	120.218	125.880
138.0	54.251	71.727	101.708	119.726	125.289
138.5	54.251	71.530	101.068	119.185	124.846

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

139.0	54.202	71.383	100.330	118.545	124.157
139.5	54.202	71.186	99.444	117.855	123.665
140.0	54.202	70.940	98.459	117.215	122.975
140.5	54.202	70.792	97.573	116.428	122.237
141.0	54.202	70.694	96.588	115.591	121.646
141.5	54.202	70.497	95.604	114.852	121.055
142.0	54.152	70.398	94.668	113.917	120.415
142.5	54.103	70.251	93.684	113.080	119.677
143.0	54.054	70.103	92.748	112.293	118.938
143.5	54.054	69.906	91.665	111.456	118.249
144.0	54.054	69.660	90.730	110.816	117.462
144.5	54.202	69.463	89.795	110.077	116.772
145.0	54.399	69.266	88.761	109.437	115.985
145.5	54.743	69.020	87.825	108.797	115.197
146.0	55.186	68.823	86.939	108.108	114.459
146.5	55.629	68.626	86.201	107.370	113.622
147.0	56.072	68.380	85.364	106.631	112.785
147.5	56.466	68.281	84.724	105.893	111.948
148.0	56.909	68.084	84.035	105.056	111.062
148.5	57.303	68.035	83.493	104.268	110.176
149.0	57.795	68.035	82.902	103.480	109.388
149.5	58.140	68.183	82.361	102.644	108.403
150.0	58.534	68.281	81.819	101.856	107.370
150.5	58.878	68.331	81.229	100.970	106.287
151.0	59.125	68.478	80.441	100.084	105.007
151.5	59.371	68.527	79.604	99.148	103.825
152.0	59.666	68.626	78.816	98.164	102.644
152.5	59.962	68.724	78.078	97.130	101.364
153.0	60.158	68.774	77.290	95.948	100.330
153.5	60.405	68.921	76.453	94.718	99.148
154.0	60.602	68.872	75.715	93.339	98.164
154.5	60.848	68.921	75.075	92.010	97.179
155.0	60.946	69.020	74.435	90.484	96.441
155.5	61.143	69.069	73.795	89.056	95.653
156.0	61.291	69.069	73.352	87.530	94.964
156.5	61.537	69.069	72.909	86.004	94.078
157.0	61.635	69.167	72.466	84.626	93.241
157.5	61.783	69.167	72.170	83.296	92.305
158.0	61.980	69.118	72.023	81.918	91.419
158.5	62.029	69.118	71.826	80.786	90.385
159.0	62.275	68.971	71.678	79.703	89.499
159.5	62.472	68.872	71.432	78.669	88.515
160.0	62.718	68.774	71.186	77.832	87.530
160.5	63.014	68.724	70.989	77.044	86.595
161.0	63.211	68.577	70.940	76.207	85.659
161.5	63.506	68.527	70.841	75.370	84.970
162.0	63.752	68.429	70.989	74.681	84.379
162.5	63.998	68.429	71.087	73.943	83.690
163.0	64.294	68.380	71.137	73.155	83.099
163.5	64.540	68.380	71.235	72.318	82.361
164.0	64.638	68.380	71.334	71.284	81.672
164.5	64.786	68.281	71.235	70.497	80.786
165.0	64.934	68.281	71.087	69.709	79.899
165.5	65.081	68.232	70.940	69.167	78.964
166.0	65.229	68.183	70.841	68.577	77.536
166.5	65.377	68.183	70.694	68.084	76.847

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

167.0	65.574	68.183	70.546	67.641	76.306
167.5	65.672	68.183	70.251	67.248	75.764
168.0	65.820	68.183	70.004	66.854	75.321
168.5	66.115	67.986	69.660	66.509	74.780
169.0	66.263	68.035	69.414	66.164	74.238
169.5	66.509	67.887	69.020	65.771	73.647
170.0	66.608	67.838	68.675	65.278	73.106
170.5	66.755	67.740	68.232	64.737	72.515
171.0	66.854	67.641	67.740	64.146	71.777
171.5	67.001	67.641	67.297	63.605	71.186
172.0	67.248	67.543	67.051	63.063	70.300
172.5	67.395	67.543	66.755	62.472	69.315
173.0	67.592	67.444	66.509	61.931	67.641
173.5	67.838	67.494	66.411	61.389	65.131
174.0	68.035	67.494	66.361	60.946	62.029
174.5	68.183	67.494	66.263	60.503	58.337
175.0	68.478	67.641	66.214	60.158	54.152
175.5	68.577	67.691	66.164	60.011	49.771
176.0	68.774	67.789	66.164	59.863	46.916
176.5	68.823	67.838	66.115	59.863	44.897
177.0	69.020	67.937	66.017	59.715	42.830
177.5	69.069	67.937	65.869	59.666	42.387
178.0	69.266	68.035	65.820	59.617	42.485
178.5	69.364	68.084	65.869	59.518	42.584
179.0	69.463	68.084	65.820	59.371	42.633
179.5	69.561	68.084	65.771	59.322	42.682
180.0	62.374	62.374	62.374	62.374	62.374

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L65-827-HE-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	563.62	N.A.	11.70
0-30	1180.97	N.A.	24.50
0-40	1897.06	N.A.	39.40
0-60	3210.52	N.A.	66.70
0-80	3999.74	N.A.	83.10
0-90	4198.23	N.A.	87.30
10-90	4051.29	N.A.	84.20
20-40	1333.44	N.A.	27.70
20-50	2038.62	N.A.	42.40
40-70	1781.34	N.A.	37.00
60-80	789.22	N.A.	16.40
70-80	321.34	N.A.	6.70
80-90	198.49	N.A.	4.10
90-110	231.83	N.A.	4.80
90-120	329.43	N.A.	6.80
90-130	419.26	N.A.	8.70
90-150	550.41	N.A.	11.40
90-180	613.10	N.A.	12.70
110-180	381.27	N.A.	7.90
0-180	4811.33	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	146.94
10-20	416.68
20-30	617.35
30-40	716.09
40-50	705.18
50-60	608.29
60-70	467.88
70-80	321.34
80-90	198.49
90-100	127.17
100-110	104.66
110-120	97.60
120-130	89.83
130-140	75.48
140-150	55.67
150-160	36.40
160-170	20.05
170-180	6.25

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L65-827-HE-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-4-L65-827-HE-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	17.3	18.7	17.9	19.2	19.8	19.0	20.3	19.5	20.9	21.5
	3H	18.7	19.9	19.2	20.5	21.1	21.2	22.4	21.7	23.0	23.6
	4H	19.1	20.3	19.7	20.9	21.5	22.2	23.4	22.8	24.0	24.7
	6H	19.4	20.5	20.0	21.1	21.8	23.4	24.4	24.0	25.0	25.7
	8H	19.5	20.5	20.1	21.1	21.8	23.9	25.0	24.6	25.6	26.3
	12H	19.5	20.5	20.1	21.1	21.8	24.6	25.6	25.2	26.2	26.9

UGR Viewed Endwise

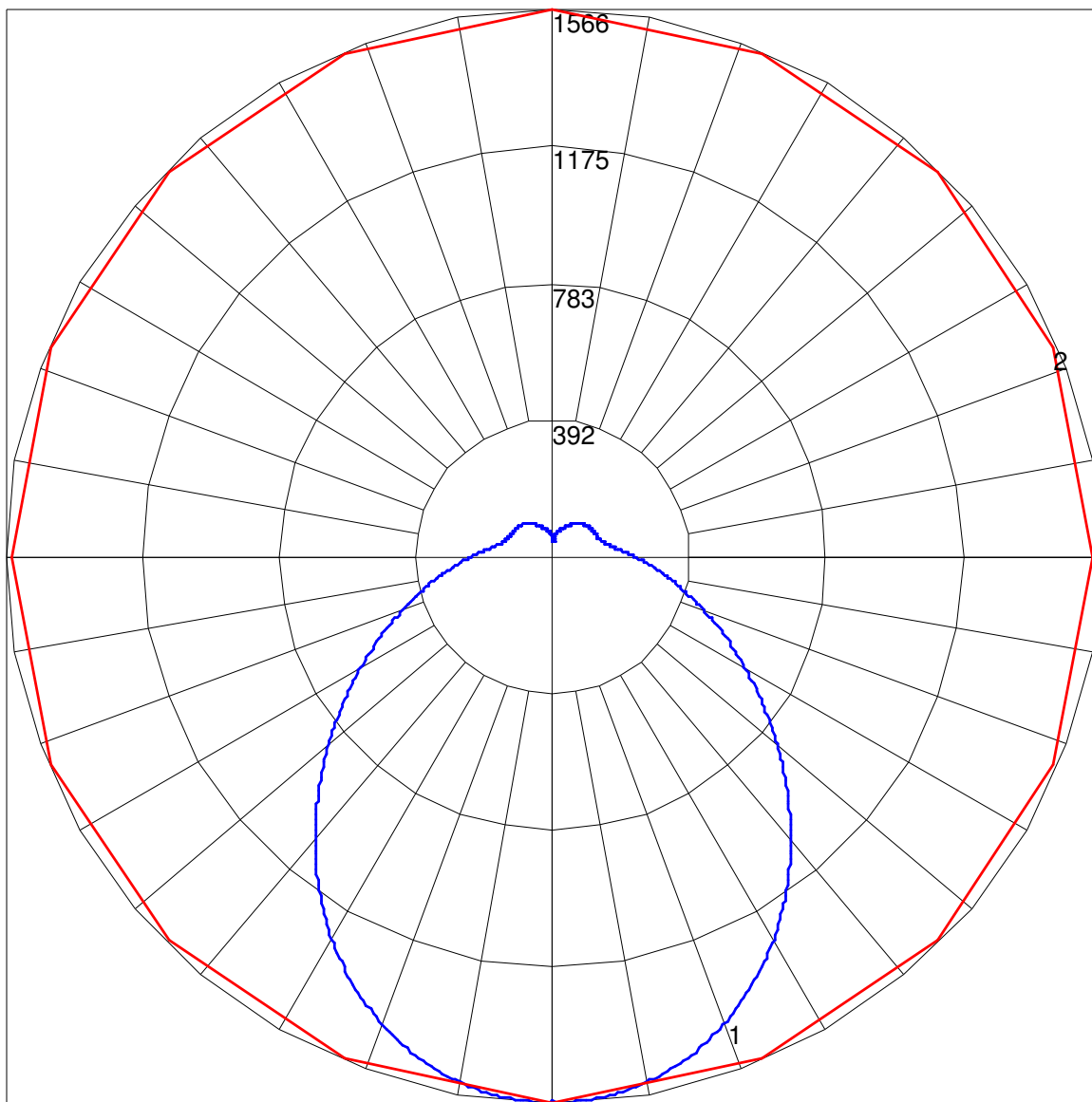
4H	2H	18.0	19.2	18.6	19.8	20.5	19.4	20.5	20.0	21.1	21.8
	3H	19.6	20.6	20.2	21.2	21.9	21.8	22.8	22.4	23.4	24.1
	4H	20.2	21.1	20.8	21.7	22.5	23.1	23.9	23.7	24.6	25.3
	6H	20.6	21.4	21.3	22.1	22.8	24.4	25.2	25.0	25.8	26.6
	8H	20.7	21.5	21.4	22.1	22.9	25.1	25.8	25.7	26.5	27.2
	12H	20.8	21.5	21.5	22.2	22.9	25.9	26.5	26.5	27.2	28.0

8H	4H	20.8	21.5	21.4	22.2	22.9	23.2	24.0	23.9	24.6	25.4
	6H	21.4	22.0	22.0	22.7	23.4	24.8	25.4	25.4	26.1	26.8
	8H	21.6	22.1	22.2	22.8	23.6	25.6	26.2	26.3	26.9	27.6
	12H	21.7	22.2	22.4	22.9	23.7	26.6	27.1	27.3	27.8	28.6

12H	4H	20.9	21.6	21.6	22.3	23.0	23.3	23.9	23.9	24.6	25.4
	6H	21.6	22.2	22.3	22.9	23.7	24.8	25.4	25.5	26.0	26.8
	8H	21.9	22.4	22.6	23.1	23.9	25.7	26.2	26.4	26.9	27.7

Maximum UGR = 28.6

POLAR GRAPH



Maximum Candela = 1566.483 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.)