

## IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-3-L40-950-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-L40-950-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	3458
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	123
Total Luminaire Watts	28.2
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	9990	8973	8923
55	8625	7671	7834
65	7216	6556	6982
75	5730	5708	6526
85	4040	5575	6895

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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	1119.057	1119.057	1119.057	1119.057	1119.057
0.5	1113.750	1117.996	1118.704	1118.350	1125.780
1.0	1113.750	1118.350	1118.350	1117.996	1125.426
1.5	1112.689	1118.350	1117.996	1117.642	1125.780
2.0	1112.335	1117.288	1117.996	1117.288	1124.718
2.5	1112.335	1117.288	1116.935	1116.935	1124.011
3.0	1111.274	1116.227	1116.227	1116.227	1123.303
3.5	1110.566	1115.166	1115.166	1115.519	1122.595
4.0	1109.859	1114.458	1114.458	1114.104	1121.888
4.5	1108.090	1113.397	1113.750	1113.397	1120.826
5.0	1107.028	1112.335	1112.335	1112.335	1119.765
5.5	1105.613	1110.920	1110.920	1111.274	1118.350
6.0	1104.906	1109.151	1109.505	1109.505	1116.935
6.5	1102.429	1107.736	1108.090	1108.090	1115.166
7.0	1101.014	1105.967	1106.321	1105.967	1113.750
7.5	1099.599	1103.844	1104.552	1104.552	1111.982
8.0	1097.830	1102.429	1102.429	1102.429	1109.505
8.5	1096.061	1099.952	1100.660	1100.660	1107.382
9.0	1093.230	1098.183	1098.537	1098.183	1104.906
9.5	1091.461	1095.707	1095.707	1095.707	1103.490
10.0	1088.631	1092.877	1092.877	1093.584	1100.660
10.5	1086.154	1090.400	1090.754	1090.754	1098.183
11.0	1083.678	1087.923	1088.277	1087.923	1095.353
11.5	1080.494	1085.093	1085.801	1085.093	1092.877
12.0	1077.663	1081.909	1082.616	1082.616	1089.692
12.5	1074.833	1078.725	1079.786	1079.078	1086.862
13.0	1071.649	1075.894	1076.602	1076.248	1083.678
13.5	1068.465	1072.356	1073.064	1073.064	1080.847
14.0	1064.573	1068.818	1069.526	1069.526	1076.956
14.5	1061.389	1065.280	1065.988	1065.988	1074.125
15.0	1058.204	1061.742	1062.096	1062.096	1069.880
15.5	1054.313	1057.497	1058.558	1058.558	1065.634
16.0	1050.067	1053.605	1054.667	1054.667	1062.096
16.5	1046.529	1049.360	1050.421	1050.775	1058.204
17.0	1041.576	1044.760	1046.175	1046.529	1053.959
17.5	1037.330	1040.515	1041.930	1042.284	1049.713
18.0	1033.439	1036.269	1037.330	1038.392	1045.822
18.5	1028.839	1032.024	1033.085	1033.793	1041.222
19.0	1024.240	1026.717	1028.486	1029.193	1036.269
19.5	1018.933	1022.471	1023.886	1025.301	1031.670
20.0	1013.272	1017.164	1018.933	1019.994	1026.717
20.5	1007.612	1012.565	1013.980	1015.395	1022.117
21.0	1003.012	1006.904	1007.965	1010.796	1017.164
21.5	997.705	1001.597	1003.366	1004.781	1011.857
22.0	992.045	996.644	998.413	999.828	1007.258
22.5	987.091	990.276	992.752	994.875	1001.951
23.0	981.077	984.615	987.091	989.214	996.290
23.5	974.709	978.600	981.784	983.907	990.983
24.0	968.340	972.586	975.770	978.247	985.322
24.5	963.033	966.571	970.109	972.232	978.954
25.0	957.019	960.557	964.448	966.571	973.293
25.5	950.297	954.542	957.726	960.911	966.571
26.0	943.928	947.820	952.066	954.896	961.264
26.5	937.206	941.098	946.051	948.528	955.250

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**CANDELA TABULATION - (Cont.)**

27.0	930.484	934.022	940.037	943.221	949.235
27.5	922.701	927.300	933.314	936.145	943.221
28.0	917.040	920.578	926.592	929.776	936.499
28.5	909.610	913.856	919.870	923.054	929.776
29.0	902.534	906.780	912.794	916.686	923.408
29.5	895.104	899.350	905.718	909.610	916.332
30.0	887.675	892.274	898.642	903.596	910.318
30.5	879.891	884.491	891.920	896.873	903.242
31.0	872.461	877.061	884.491	889.797	895.812
31.5	864.678	869.985	877.415	883.075	889.444
32.0	857.248	861.848	870.339	875.646	882.014
32.5	849.111	854.064	862.909	868.570	874.938
33.0	841.327	846.634	854.772	861.494	867.862
33.5	833.898	838.851	847.696	853.710	860.432
34.0	825.053	830.714	839.912	846.634	853.710
34.5	816.915	822.930	832.482	838.851	845.927
35.0	809.486	814.439	825.053	831.775	838.497
35.5	799.933	806.655	816.915	823.991	830.714
36.0	792.504	798.164	809.132	816.208	823.284
36.5	783.305	789.673	800.995	808.778	816.208
37.0	774.814	781.536	792.857	800.641	808.778
37.5	765.969	772.691	785.074	793.565	800.641
38.0	757.124	764.200	776.583	785.428	792.150
38.5	747.925	755.355	768.445	777.998	784.366
39.0	739.788	746.510	759.954	769.861	777.998
39.5	730.589	738.373	751.817	761.723	769.507
40.0	720.683	729.174	743.326	754.294	761.369
40.5	711.484	720.329	735.189	746.510	753.586
41.0	702.993	711.484	726.697	738.373	745.449
41.5	693.794	702.639	718.206	730.235	737.665
42.0	684.596	693.794	709.715	722.452	729.882
42.5	675.751	684.596	700.870	714.315	721.744
43.0	665.844	675.751	692.733	706.531	713.961
43.5	657.353	666.552	683.888	698.394	706.177
44.0	647.801	657.353	675.043	690.610	698.040
44.5	638.956	648.508	666.198	682.119	689.903
45.0	629.757	639.310	657.707	674.689	682.473
45.5	620.559	630.465	649.216	666.906	674.689
46.0	611.360	621.266	640.017	658.415	666.552
46.5	602.161	612.067	632.234	651.339	658.769
47.0	592.609	603.223	623.389	642.848	650.985
47.5	583.410	594.024	614.544	634.710	642.848
48.0	574.565	584.825	605.699	627.281	634.710
48.5	564.659	575.980	597.562	618.790	626.927
49.0	555.814	566.428	588.363	610.652	618.790
49.5	546.615	557.583	579.872	602.869	611.006
50.0	537.063	548.384	571.381	594.378	602.869
50.5	528.218	539.539	562.536	587.302	595.439
51.0	519.019	530.341	554.752	579.164	587.656
51.5	510.174	521.142	545.908	571.381	579.872
52.0	500.622	512.297	537.416	563.244	572.088
52.5	491.423	503.098	529.279	555.106	564.659
53.0	481.870	494.253	520.788	548.030	556.521
53.5	472.672	485.408	512.651	539.893	549.092
54.0	463.827	476.564	504.513	532.110	541.662
54.5	455.336	467.365	496.376	525.034	534.232

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**CANDELA TABULATION - (Cont.)**

55.0	446.491	458.874	488.239	516.896	527.510
55.5	439.061	450.029	480.101	509.467	519.373
56.0	430.570	442.245	472.318	502.037	511.943
56.5	421.725	434.108	464.181	494.607	504.867
57.0	413.234	425.971	456.397	487.177	497.437
57.5	404.389	417.480	449.675	480.101	489.300
58.0	395.544	408.988	441.891	472.318	483.286
58.5	387.053	400.497	434.108	465.596	476.210
59.0	378.562	392.006	426.678	459.581	468.780
59.5	370.071	383.869	419.956	452.152	463.119
60.0	361.580	375.378	412.526	445.076	456.043
60.5	353.266	367.240	405.097	438.354	448.967
61.0	344.916	359.103	397.667	431.631	442.245
61.5	336.637	351.037	390.237	424.909	435.877
62.0	328.500	343.041	383.161	418.541	429.155
62.5	320.469	335.116	375.732	412.173	422.786
63.0	312.331	327.226	368.656	405.450	417.126
63.5	304.265	319.443	361.934	399.082	410.757
64.0	296.410	311.765	354.858	392.360	404.389
64.5	288.592	304.265	348.135	385.992	398.021
65.0	280.843	296.729	341.378	379.623	392.006
65.5	273.201	289.370	334.691	373.255	385.638
66.0	265.453	282.011	328.075	366.887	379.623
66.5	257.882	274.829	321.495	360.872	373.609
67.0	250.488	267.718	314.949	354.504	367.594
67.5	243.058	260.712	308.546	348.560	361.580
68.0	235.734	253.884	302.177	342.545	355.919
68.5	228.517	247.091	295.951	336.708	350.011
69.0	221.335	240.369	289.794	330.835	344.421
69.5	214.259	233.789	283.709	325.139	338.866
70.0	207.218	227.314	277.730	319.549	333.347
70.5	200.355	220.910	271.751	313.959	327.898
71.0	193.562	214.577	265.878	308.440	322.521
71.5	186.840	208.386	260.146	303.062	317.214
72.0	180.259	202.159	254.415	297.720	312.048
72.5	173.643	196.145	248.825	292.483	306.918
73.0	167.204	190.165	243.270	287.318	301.753
73.5	160.942	184.257	237.893	282.188	296.729
74.0	154.750	178.526	232.444	277.235	291.670
74.5	148.665	172.759	227.243	272.317	286.893
75.0	142.615	167.133	222.078	267.505	282.259
75.5	136.671	161.649	216.983	262.729	277.553
76.0	130.905	156.272	212.030	257.988	272.954
76.5	125.173	150.965	207.112	253.353	268.354
77.0	119.512	145.693	202.265	248.754	263.897
77.5	113.958	140.563	197.489	244.296	259.474
78.0	108.474	135.539	192.854	239.909	255.122
78.5	103.096	130.586	188.255	235.487	250.806
79.0	97.825	125.775	183.797	231.206	246.561
79.5	92.588	120.998	179.410	227.031	242.315
80.0	87.423	116.293	175.023	222.892	238.282
80.5	82.399	111.729	170.777	218.717	234.178
81.0	77.517	107.236	166.709	214.684	230.180
81.5	72.564	102.849	162.640	210.686	226.182
82.0	67.787	98.568	158.678	206.829	222.326
82.5	63.117	94.357	154.786	202.973	218.540

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**CANDELA TABULATION - (Cont.)**

83.0	58.518	90.253	150.965	199.258	214.860
83.5	53.954	86.256	147.321	195.472	211.039
84.0	49.496	82.364	143.783	191.899	207.395
84.5	45.074	78.614	140.316	188.361	203.822
85.0	40.828	74.969	136.919	184.859	200.249
85.5	36.583	71.502	133.593	181.462	196.781
86.0	32.408	68.177	130.339	178.136	193.350
86.5	28.268	65.063	127.260	174.811	189.918
87.0	24.200	62.056	124.147	171.662	186.557
87.5	20.131	59.261	121.211	168.478	183.337
88.0	16.098	56.537	118.309	165.400	180.082
88.5	12.029	53.989	115.514	162.357	176.933
89.0	8.314	51.583	112.861	159.421	173.820
89.5	5.272	49.355	110.278	156.590	170.777
90.0	3.149	47.373	107.908	153.901	167.982
90.5	2.229	45.640	105.714	151.213	165.011
91.0	2.370	44.048	103.485	148.488	162.180
91.5	2.830	42.526	101.256	145.906	159.350
92.0	3.361	41.253	99.134	143.287	156.590
92.5	3.927	40.156	97.329	140.776	153.866
93.0	4.493	39.201	95.454	138.405	151.248
93.5	5.095	38.458	93.685	136.070	148.771
94.0	5.731	37.821	92.022	133.876	146.365
94.5	6.333	37.361	90.466	131.648	143.889
95.0	6.934	37.007	89.015	129.454	141.518
95.5	7.500	36.759	87.671	127.367	139.183
96.0	7.960	36.653	86.503	125.350	136.884
96.5	8.420	36.653	85.336	123.475	134.761
97.0	8.845	36.689	84.274	121.671	132.638
97.5	9.305	36.830	83.284	119.937	130.692
98.0	9.694	36.972	82.399	118.239	128.711
98.5	10.154	37.149	81.656	116.611	126.871
99.0	10.614	37.361	80.878	115.090	125.067
99.5	11.109	37.609	80.206	113.639	123.298
100.0	11.534	37.856	79.675	112.295	121.706
100.5	12.029	38.139	79.144	110.986	120.078
101.0	12.454	38.422	78.755	109.748	118.628
101.5	12.878	38.705	78.366	108.580	117.142
102.0	13.267	38.988	78.083	107.483	115.833
102.5	13.657	39.271	77.800	106.457	114.524
103.0	14.046	39.590	77.588	105.431	113.356
103.5	14.470	39.908	77.411	104.547	112.153
104.0	14.930	40.191	77.234	103.733	111.057
104.5	15.390	40.510	77.128	102.955	110.031
105.0	15.815	40.828	77.021	102.247	109.040
105.5	16.204	41.111	76.915	101.504	108.191
106.0	16.664	41.465	76.880	100.867	107.342
106.5	17.088	41.783	76.880	100.266	106.493
107.0	17.513	42.137	76.880	99.700	105.785
107.5	17.902	42.420	76.880	99.275	105.042
108.0	18.397	42.774	76.880	98.780	104.299
108.5	18.857	43.128	76.915	98.426	103.804
109.0	19.317	43.411	76.986	97.966	103.308
109.5	19.813	43.729	77.021	97.648	102.778
110.0	20.308	44.048	77.092	97.294	102.353
110.5	20.803	44.366	77.163	96.976	101.964

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**CANDELA TABULATION - (Cont.)**

111.0	21.299	44.684	77.198	96.693	101.540
111.5	21.794	44.967	77.234	96.480	101.186
112.0	22.325	45.286	77.304	96.268	100.761
112.5	22.855	45.604	77.375	96.020	100.372
113.0	23.421	45.923	77.481	95.843	100.195
113.5	23.952	46.206	77.481	95.666	99.947
114.0	24.518	46.489	77.552	95.525	99.700
114.5	25.049	46.807	77.623	95.348	99.487
115.0	25.615	47.055	77.694	95.242	99.311
115.5	26.181	47.373	77.694	95.136	99.134
116.0	26.712	47.656	77.800	94.994	98.921
116.5	27.207	47.939	77.871	94.853	98.851
117.0	27.773	48.258	77.941	94.853	98.674
117.5	28.304	48.505	78.012	94.711	98.568
118.0	28.764	48.753	78.083	94.640	98.426
118.5	29.294	49.001	78.118	94.534	98.391
119.0	29.754	49.248	78.189	94.428	98.178
119.5	30.250	49.425	78.260	94.322	98.143
120.0	30.710	49.602	78.224	94.251	97.966
120.5	31.169	49.815	78.260	94.110	97.931
121.0	31.629	49.956	78.330	94.004	97.789
121.5	32.125	50.133	78.295	93.862	97.719
122.0	32.585	50.345	78.295	93.791	97.612
122.5	33.045	50.557	78.330	93.650	97.365
123.0	33.505	50.770	78.295	93.508	97.329
123.5	33.929	50.947	78.224	93.402	97.117
124.0	34.283	51.088	78.224	93.296	97.082
124.5	34.637	51.230	78.224	93.119	96.940
125.0	34.990	51.407	78.154	92.942	96.799
125.5	35.344	51.513	78.083	92.836	96.622
126.0	35.663	51.654	78.047	92.624	96.480
126.5	35.946	51.831	77.977	92.482	96.374
127.0	36.264	51.902	77.906	92.305	96.233
127.5	36.512	52.008	77.800	92.129	95.985
128.0	36.830	52.008	77.764	91.916	95.843
128.5	37.078	52.079	77.623	91.739	95.702
129.0	37.326	52.150	77.481	91.562	95.525
129.5	37.538	52.256	77.234	91.279	95.313
130.0	37.715	52.326	76.986	91.103	95.100
130.5	37.892	52.397	76.703	90.890	94.853
131.0	37.998	52.503	76.420	90.572	94.605
131.5	38.139	52.609	76.137	90.289	94.357
132.0	38.281	52.716	75.819	90.112	94.145
132.5	38.352	52.751	75.465	89.758	93.827
133.0	38.458	52.786	75.323	89.440	93.438
133.5	38.493	52.751	75.111	89.192	93.261
134.0	38.528	52.680	74.969	88.909	93.013
134.5	38.635	52.539	74.793	88.591	92.553
135.0	38.741	52.433	74.580	88.166	92.199
135.5	38.705	52.150	74.403	87.883	91.916
136.0	38.776	52.114	74.156	87.529	91.562
136.5	38.847	52.008	73.979	87.140	91.209
137.0	38.882	51.831	73.696	86.822	90.819
137.5	38.918	51.654	73.448	86.397	90.466
138.0	38.988	51.548	73.094	86.043	90.041
138.5	38.988	51.407	72.634	85.654	89.723

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

139.0	38.953	51.300	72.104	85.194	89.227
139.5	38.953	51.159	71.467	84.699	88.874
140.0	38.953	50.982	70.759	84.239	88.378
140.5	38.953	50.876	70.122	83.673	87.848
141.0	38.953	50.805	69.415	83.071	87.423
141.5	38.953	50.664	68.707	82.541	86.998
142.0	38.918	50.593	68.035	81.868	86.539
142.5	38.882	50.487	67.327	81.267	86.008
143.0	38.847	50.381	66.655	80.701	85.477
143.5	38.847	50.239	65.877	80.099	84.982
144.0	38.847	50.062	65.205	79.640	84.416
144.5	38.953	49.921	64.532	79.109	83.920
145.0	39.094	49.779	63.789	78.649	83.354
145.5	39.342	49.602	63.117	78.189	82.788
146.0	39.661	49.461	62.480	77.694	82.258
146.5	39.979	49.319	61.950	77.163	81.656
147.0	40.297	49.142	61.348	76.632	81.055
147.5	40.580	49.072	60.888	76.102	80.453
148.0	40.899	48.930	60.393	75.500	79.816
148.5	41.182	48.895	60.004	74.934	79.180
149.0	41.536	48.895	59.579	74.368	78.614
149.5	41.783	49.001	59.190	73.767	77.906
150.0	42.066	49.072	58.801	73.200	77.163
150.5	42.314	49.107	58.376	72.564	76.385
151.0	42.491	49.213	57.810	71.927	75.465
151.5	42.668	49.248	57.209	71.255	74.616
152.0	42.880	49.319	56.643	70.547	73.767
152.5	43.092	49.390	56.112	69.804	72.847
153.0	43.234	49.425	55.546	68.955	72.104
153.5	43.411	49.531	54.945	68.070	71.255
154.0	43.552	49.496	54.414	67.080	70.547
154.5	43.729	49.531	53.954	66.125	69.839
155.0	43.800	49.602	53.494	65.028	69.309
155.5	43.941	49.638	53.034	64.002	68.743
156.0	44.048	49.638	52.716	62.905	68.247
156.5	44.225	49.638	52.397	61.808	67.610
157.0	44.295	49.708	52.079	60.818	67.009
157.5	44.401	49.708	51.867	59.862	66.337
158.0	44.543	49.673	51.760	58.872	65.700
158.5	44.578	49.673	51.619	58.058	64.957
159.0	44.755	49.567	51.513	57.280	64.320
159.5	44.897	49.496	51.336	56.537	63.613
160.0	45.074	49.425	51.159	55.935	62.905
160.5	45.286	49.390	51.017	55.369	62.233
161.0	45.427	49.284	50.982	54.768	61.561
161.5	45.640	49.248	50.911	54.166	61.065
162.0	45.817	49.178	51.017	53.671	60.641
162.5	45.994	49.178	51.088	53.140	60.145
163.0	46.206	49.142	51.124	52.574	59.721
163.5	46.383	49.142	51.194	51.973	59.190
164.0	46.453	49.142	51.265	51.230	58.695
164.5	46.560	49.072	51.194	50.664	58.058
165.0	46.666	49.072	51.088	50.098	57.421
165.5	46.772	49.036	50.982	49.708	56.749
166.0	46.878	49.001	50.911	49.284	55.723
166.5	46.984	49.001	50.805	48.930	55.228

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CANDELA TABULATION - (Cont.)

167.0	47.126	49.001	50.699	48.612	54.838
167.5	47.196	49.001	50.487	48.329	54.449
168.0	47.303	49.001	50.310	48.046	54.131
168.5	47.515	48.859	50.062	47.798	53.742
169.0	47.621	48.895	49.885	47.550	53.352
169.5	47.798	48.788	49.602	47.267	52.928
170.0	47.869	48.753	49.355	46.913	52.539
170.5	47.975	48.682	49.036	46.524	52.114
171.0	48.046	48.612	48.682	46.100	51.583
171.5	48.152	48.612	48.364	45.710	51.159
172.0	48.329	48.541	48.187	45.321	50.522
172.5	48.435	48.541	47.975	44.897	49.815
173.0	48.576	48.470	47.798	44.508	48.612
173.5	48.753	48.505	47.727	44.118	46.807
174.0	48.895	48.505	47.692	43.800	44.578
174.5	49.001	48.505	47.621	43.482	41.925
175.0	49.213	48.612	47.586	43.234	38.918
175.5	49.284	48.647	47.550	43.128	35.769
176.0	49.425	48.718	47.550	43.022	33.717
176.5	49.461	48.753	47.515	43.022	32.266
177.0	49.602	48.824	47.444	42.915	30.780
177.5	49.638	48.824	47.338	42.880	30.462
178.0	49.779	48.895	47.303	42.845	30.533
178.5	49.850	48.930	47.338	42.774	30.603
179.0	49.921	48.930	47.303	42.668	30.639
179.5	49.991	48.930	47.267	42.632	30.674
180.0	44.826	44.826	44.826	44.826	44.826



**IES INDOOR REPORT**  
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**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	405.05	N.A.	11.70
0-30	848.72	N.A.	24.50
0-40	1363.35	N.A.	39.40
0-60	2307.3	N.A.	66.70
0-80	2874.48	N.A.	83.10
0-90	3017.13	N.A.	87.30
10-90	2911.53	N.A.	84.20
20-40	958.30	N.A.	27.70
20-50	1465.09	N.A.	42.40
40-70	1280.19	N.A.	37.00
60-80	567.18	N.A.	16.40
70-80	230.94	N.A.	6.70
80-90	142.65	N.A.	4.10
90-110	166.61	N.A.	4.80
90-120	236.75	N.A.	6.80
90-130	301.31	N.A.	8.70
90-150	395.56	N.A.	11.40
90-180	440.62	N.A.	12.70
110-180	274.01	N.A.	7.90
0-180	3457.74	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	105.60
10-20	299.45
20-30	443.67
30-40	514.63
40-50	506.79
50-60	437.16
60-70	336.25
70-80	230.94
80-90	142.65
90-100	91.39
100-110	75.22
110-120	70.14
120-130	64.55
130-140	54.25
140-150	40.01
150-160	26.16
160-170	14.41
170-180	4.49

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-3-L40-950-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-L40-950-DIM-UNV\_.IES**

**UGR TABLE - CORRECTED**

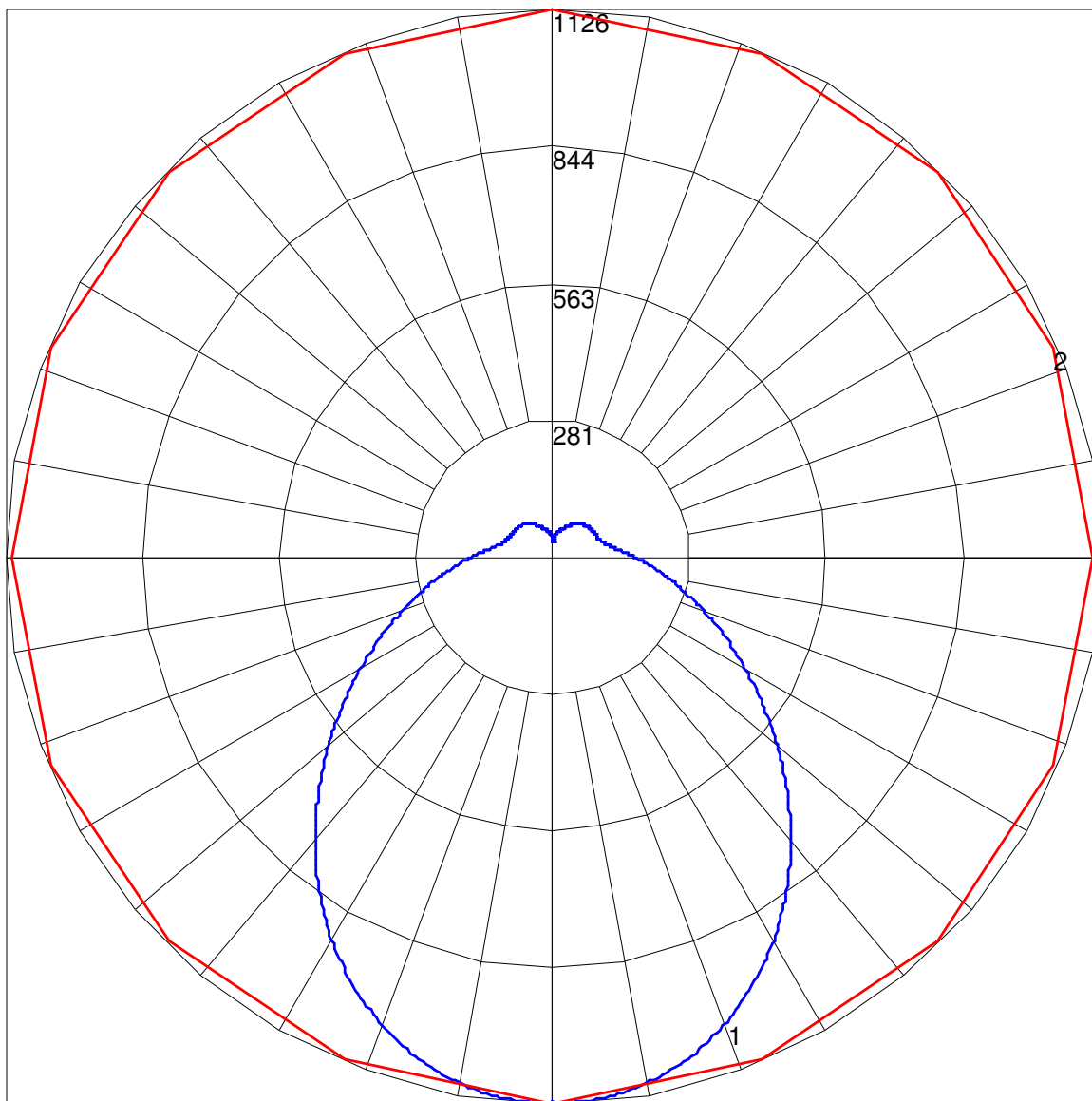
Reflectances

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	17.1	18.4	17.6	19.0	19.6	18.7	20.1	19.3	20.6	21.3
	3H	18.4	19.7	19.0	20.2	20.9	20.9	22.1	21.5	22.7	23.4
	4H	18.9	20.0	19.5	20.6	21.3	22.0	23.1	22.5	23.7	24.4
	6H	19.2	20.3	19.8	20.9	21.5	23.1	24.2	23.7	24.8	25.4
	8H	19.2	20.3	19.9	20.9	21.6	23.6	24.7	24.3	25.3	26.0
	12H	19.3	20.3	19.9	20.9	21.6	24.3	25.3	24.9	25.9	26.6
4H	2H	17.8	19.0	18.4	19.6	20.2	19.1	20.3	19.7	20.9	21.5
	3H	19.4	20.4	20.0	21.0	21.7	21.5	22.5	22.1	23.2	23.9
	4H	20.0	20.9	20.6	21.5	22.2	22.8	23.7	23.4	24.3	25.0
	6H	20.4	21.2	21.0	21.8	22.6	24.1	24.9	24.7	25.5	26.3
	8H	20.5	21.2	21.2	21.9	22.6	24.8	25.5	25.4	26.2	26.9
	12H	20.6	21.2	21.2	21.9	22.7	25.5	26.2	26.2	26.9	27.7
8H	4H	20.5	21.3	21.2	21.9	22.7	23.0	23.7	23.6	24.4	25.1
	6H	21.1	21.7	21.8	22.4	23.2	24.5	25.1	25.1	25.8	26.5
	8H	21.3	21.9	22.0	22.6	23.4	25.3	25.9	26.0	26.6	27.3
	12H	21.5	22.0	22.2	22.7	23.5	26.3	26.8	27.0	27.5	28.3
12H	4H	20.7	21.4	21.4	22.0	22.8	23.0	23.7	23.6	24.3	25.1
	6H	21.4	21.9	22.1	22.6	23.4	24.5	25.1	25.2	25.7	26.6
	8H	21.7	22.2	22.4	22.9	23.7	25.4	25.9	26.1	26.6	27.4

Maximum UGR = 28.3

POLAR GRAPH



Maximum Candela = 1125.78 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.)