

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-2-L25-835-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-2-L25-835-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	2471
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	167
Total Luminaire Watts	14.8
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)	1.88 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	10498	9481	9510
55	9012	8082	8348
65	7470	6880	7440
75	5821	5951	6954
85	3829	5734	7348

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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	799.731	799.731	799.731	799.731	799.731
0.5	795.938	798.972	799.478	799.225	804.535
1.0	795.938	799.225	799.225	798.972	804.282
1.5	795.180	799.225	798.972	798.720	804.535
2.0	794.927	798.467	798.972	798.467	803.776
2.5	794.927	798.467	798.214	798.214	803.271
3.0	794.169	797.708	797.708	797.708	802.765
3.5	793.663	796.950	796.950	797.203	802.259
4.0	793.157	796.444	796.444	796.191	801.754
4.5	791.893	795.686	795.938	795.686	800.995
5.0	791.134	794.927	794.927	794.927	800.237
5.5	790.123	793.916	793.916	794.169	799.225
6.0	789.617	792.651	792.904	792.904	798.214
6.5	787.848	791.640	791.893	791.893	796.950
7.0	786.836	790.376	790.629	790.376	795.938
7.5	785.825	788.859	789.365	789.365	794.674
8.0	784.561	787.848	787.848	787.848	792.904
8.5	783.296	786.078	786.583	786.583	791.387
9.0	781.274	784.813	785.066	784.813	789.617
9.5	780.010	783.044	783.044	783.044	788.606
10.0	777.987	781.021	781.021	781.527	786.583
10.5	776.217	779.251	779.504	779.504	784.813
11.0	774.447	777.481	777.734	777.481	782.791
11.5	772.171	775.458	775.964	775.458	781.021
12.0	770.149	773.183	773.689	773.689	778.745
12.5	768.126	770.907	771.666	771.160	776.723
13.0	765.851	768.885	769.390	769.137	774.447
13.5	763.575	766.356	766.862	766.862	772.424
14.0	760.794	763.828	764.333	764.333	769.643
14.5	758.518	761.299	761.805	761.805	767.620
15.0	756.243	758.771	759.024	759.024	764.586
15.5	753.461	755.737	756.495	756.495	761.552
16.0	750.427	752.956	753.714	753.714	759.024
16.5	747.899	749.922	750.680	750.933	756.243
17.0	744.359	746.635	747.646	747.899	753.209
17.5	741.325	743.601	744.612	744.865	750.174
18.0	738.544	740.567	741.325	742.084	747.393
18.5	735.257	737.532	738.291	738.797	744.106
19.0	731.970	733.740	735.004	735.510	740.567
19.5	728.177	730.706	731.717	732.729	737.280
20.0	724.132	726.913	728.177	728.936	733.740
20.5	720.087	723.626	724.638	725.649	730.453
21.0	716.800	719.581	720.339	722.362	726.913
21.5	713.007	715.788	717.053	718.064	723.121
22.0	708.962	712.249	713.513	714.524	719.834
22.5	705.422	707.697	709.467	710.984	716.041
23.0	701.124	703.652	705.422	706.939	711.996
23.5	696.573	699.354	701.629	703.146	708.203
24.0	692.021	695.055	697.331	699.101	704.158
24.5	688.229	690.757	693.286	694.803	699.607
25.0	683.931	686.459	689.240	690.757	695.561
25.5	679.127	682.161	684.436	686.712	690.757
26.0	674.575	677.357	680.391	682.414	686.965
26.5	669.772	672.553	676.093	677.862	682.666

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CANDELA TABULATION - (Cont.)

27.0	664.968	667.496	671.794	674.070	678.368
27.5	659.405	662.692	666.990	669.013	674.070
28.0	655.360	657.888	662.186	664.462	669.266
28.5	650.050	653.084	657.382	659.658	664.462
29.0	644.993	648.027	652.326	655.107	659.911
29.5	639.684	642.718	647.269	650.050	654.854
30.0	634.374	637.661	642.212	645.752	650.556
30.5	628.812	632.098	637.408	640.948	645.499
31.0	623.502	626.789	632.098	635.891	640.189
31.5	617.939	621.732	627.042	631.087	635.638
32.0	612.630	615.917	621.985	625.777	630.329
32.5	606.815	610.354	616.675	620.721	625.272
33.0	601.252	605.045	610.860	615.664	620.215
33.5	595.942	599.482	605.803	610.101	614.905
34.0	589.621	593.667	600.241	605.045	610.101
34.5	583.806	588.104	594.931	599.482	604.539
35.0	578.497	582.036	589.621	594.425	599.229
35.5	571.670	576.474	583.806	588.863	593.667
36.0	566.360	570.406	578.244	583.300	588.357
36.5	559.786	564.338	572.428	577.991	583.300
37.0	553.718	558.522	566.613	572.176	577.991
37.5	547.397	552.201	561.051	567.119	572.176
38.0	541.076	546.133	554.982	561.303	566.107
38.5	534.502	539.812	549.167	555.994	560.545
39.0	528.687	533.491	543.099	550.179	555.994
39.5	522.113	527.676	537.284	544.363	549.926
40.0	515.034	521.102	531.216	539.054	544.110
40.5	508.460	514.781	525.400	533.491	538.548
41.0	502.392	508.460	519.332	527.676	532.733
41.5	495.818	502.139	513.264	521.860	527.170
42.0	489.244	495.818	507.196	516.298	521.608
42.5	482.923	489.244	500.875	510.483	515.792
43.0	475.844	482.923	495.060	504.920	510.230
43.5	469.776	476.349	488.739	499.105	504.667
44.0	462.949	469.776	482.418	493.542	498.852
44.5	456.628	463.455	476.097	487.474	493.037
45.0	450.054	456.881	470.028	482.165	487.727
45.5	443.480	450.560	463.960	476.602	482.165
46.0	436.906	443.986	457.386	470.534	476.349
46.5	430.333	437.412	451.824	465.477	470.787
47.0	423.506	431.091	445.503	459.409	465.224
47.5	416.932	424.517	439.182	453.594	459.409
48.0	410.611	417.944	432.861	448.284	453.594
48.5	403.532	411.623	427.046	442.216	448.031
49.0	397.211	404.796	420.472	436.401	442.216
49.5	390.637	398.475	414.404	430.838	436.654
50.0	383.810	391.901	408.336	424.770	430.838
50.5	377.489	385.580	402.015	419.713	425.529
51.0	370.915	379.006	396.452	413.898	419.966
51.5	364.594	372.432	390.131	408.336	414.404
52.0	357.768	366.111	384.063	402.520	408.841
52.5	351.194	359.538	378.248	396.705	403.532
53.0	344.367	353.217	372.180	391.648	397.716
53.5	337.793	346.896	366.364	385.833	392.407
54.0	331.472	340.575	360.549	380.270	387.097
54.5	325.404	334.001	354.734	375.214	381.787

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CANDELA TABULATION - (Cont.)

55.0	319.083	327.933	348.918	369.398	376.984
55.5	313.774	321.612	343.103	364.089	371.168
56.0	307.706	316.049	337.541	358.779	365.859
56.5	301.385	310.234	331.725	353.469	360.802
57.0	295.316	304.419	326.163	348.160	355.492
57.5	288.995	298.350	321.359	343.103	349.677
58.0	282.674	292.282	315.796	337.541	345.379
58.5	276.606	286.214	310.234	332.737	340.322
59.0	270.538	280.146	304.924	328.438	335.012
59.5	264.470	274.331	300.120	323.129	330.967
60.0	258.402	268.263	294.811	318.072	325.910
60.5	252.460	262.447	289.501	313.268	320.853
61.0	246.493	256.632	284.191	308.464	316.049
61.5	240.577	250.867	278.882	303.660	311.498
62.0	234.761	245.153	273.825	299.109	306.694
62.5	229.022	239.489	268.515	294.558	302.143
63.0	223.207	233.851	263.459	289.754	298.098
63.5	217.442	228.289	258.655	285.203	293.547
64.0	211.829	222.802	253.598	280.399	288.995
64.5	206.241	217.442	248.794	275.848	284.444
65.0	200.704	212.056	243.965	271.297	280.146
65.5	195.243	206.797	239.186	266.746	275.595
66.0	189.705	201.538	234.458	262.194	271.297
66.5	184.295	196.406	229.755	257.896	266.998
67.0	179.010	191.324	225.078	253.345	262.700
67.5	173.701	186.317	220.501	249.097	258.402
68.0	168.467	181.438	215.950	244.799	254.356
68.5	163.309	176.583	211.500	240.627	250.134
69.0	158.176	171.779	207.101	236.430	246.139
69.5	153.120	167.076	202.752	232.359	242.170
70.0	148.088	162.449	198.479	228.365	238.225
70.5	143.183	157.873	194.206	224.370	234.332
71.0	138.328	153.347	190.009	220.425	230.488
71.5	133.524	148.922	185.913	216.582	226.696
72.0	128.822	144.472	181.817	212.764	223.004
72.5	124.094	140.174	177.822	209.022	219.338
73.0	119.492	135.901	173.852	205.331	215.647
73.5	115.017	131.679	170.009	201.665	212.056
74.0	110.592	127.583	166.115	198.125	208.441
74.5	106.243	123.461	162.399	194.610	205.027
75.0	101.920	119.441	158.707	191.172	201.715
75.5	97.672	115.522	155.066	187.759	198.352
76.0	93.551	111.679	151.527	184.370	195.066
76.5	89.455	107.887	148.012	181.058	191.779
77.0	85.409	104.119	144.548	177.771	188.593
77.5	81.440	100.453	141.135	174.586	185.432
78.0	77.521	96.863	137.823	171.450	182.322
78.5	73.677	93.323	134.536	168.290	179.238
79.0	69.910	89.884	131.350	165.231	176.204
79.5	66.168	86.471	128.215	162.247	173.170
80.0	62.477	83.108	125.080	159.289	170.287
80.5	58.886	79.847	122.046	156.305	167.354
81.0	55.397	76.636	119.138	153.423	164.497
81.5	51.857	73.500	116.230	150.566	161.640
82.0	48.444	70.441	113.398	147.810	158.884
82.5	45.107	67.432	110.617	145.054	156.179

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CANDELA TABULATION - (Cont.)

83.0	41.820	64.499	107.887	142.399	153.549
83.5	38.558	61.642	105.282	139.694	150.819
84.0	35.372	58.861	102.754	137.140	148.214
84.5	32.212	56.181	100.276	134.612	145.661
85.0	29.178	53.577	97.849	132.109	143.107
85.5	26.144	51.099	95.472	129.681	140.629
86.0	23.160	48.722	93.146	127.305	138.177
86.5	20.202	46.497	90.946	124.928	135.724
87.0	17.294	44.348	88.721	122.678	133.322
87.5	14.387	42.351	86.623	120.402	131.021
88.0	11.504	40.404	84.549	118.202	128.695
88.5	8.597	38.583	82.552	116.028	126.445
89.0	5.942	36.864	80.656	113.929	124.220
89.5	3.767	35.271	78.810	111.907	122.046
90.0	2.250	33.855	77.116	109.985	120.048
90.5	1.593	32.616	75.548	108.064	117.924
91.0	1.694	31.479	73.956	106.117	115.902
91.5	2.023	30.391	72.363	104.271	113.879
92.0	2.402	29.481	70.846	102.400	111.907
92.5	2.807	28.697	69.556	100.605	109.960
93.0	3.211	28.015	68.216	98.911	108.089
93.5	3.641	27.484	66.952	97.242	106.319
94.0	4.096	27.029	65.764	95.674	104.600
94.5	4.526	26.700	64.651	94.082	102.830
95.0	4.956	26.447	63.614	92.514	101.136
95.5	5.360	26.270	62.654	91.022	99.467
96.0	5.689	26.194	61.819	89.581	97.824
96.5	6.018	26.194	60.985	88.241	96.307
97.0	6.321	26.219	60.226	86.951	94.789
97.5	6.650	26.321	59.518	85.713	93.399
98.0	6.928	26.422	58.886	84.499	91.983
98.5	7.256	26.548	58.355	83.336	90.668
99.0	7.585	26.700	57.799	82.249	89.379
99.5	7.939	26.877	57.319	81.212	88.115
100.0	8.243	27.054	56.939	80.251	86.977
100.5	8.597	27.256	56.560	79.316	85.814
101.0	8.900	27.458	56.282	78.431	84.777
101.5	9.203	27.661	56.004	77.596	83.715
102.0	9.481	27.863	55.802	76.813	82.780
102.5	9.760	28.065	55.599	76.079	81.844
103.0	10.038	28.293	55.448	75.346	81.010
103.5	10.341	28.520	55.321	74.714	80.150
104.0	10.670	28.723	55.195	74.133	79.366
104.5	10.999	28.950	55.119	73.576	78.633
105.0	11.302	29.178	55.043	73.071	77.925
105.5	11.580	29.380	54.967	72.540	77.318
106.0	11.909	29.633	54.942	72.085	76.711
106.5	12.212	29.860	54.942	71.655	76.105
107.0	12.516	30.113	54.942	71.250	75.599
107.5	12.794	30.315	54.942	70.947	75.068
108.0	13.148	30.568	54.942	70.593	74.537
108.5	13.476	30.821	54.967	70.340	74.183
109.0	13.805	31.023	55.018	70.011	73.829
109.5	14.159	31.251	55.043	69.784	73.450
110.0	14.513	31.479	55.094	69.531	73.146
110.5	14.867	31.706	55.144	69.303	72.868

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CANDELA TABULATION - (Cont.)

111.0	15.221	31.934	55.170	69.101	72.565
111.5	15.575	32.136	55.195	68.949	72.312
112.0	15.954	32.363	55.245	68.798	72.009
112.5	16.333	32.591	55.296	68.621	71.731
113.0	16.738	32.819	55.372	68.494	71.604
113.5	17.117	33.021	55.372	68.368	71.427
114.0	17.522	33.223	55.422	68.267	71.250
114.5	17.901	33.451	55.473	68.140	71.098
115.0	18.306	33.628	55.524	68.064	70.972
115.5	18.710	33.855	55.524	67.989	70.846
116.0	19.089	34.057	55.599	67.887	70.694
116.5	19.443	34.260	55.650	67.786	70.643
117.0	19.848	34.487	55.701	67.786	70.517
117.5	20.227	34.664	55.751	67.685	70.441
118.0	20.556	34.841	55.802	67.635	70.340
118.5	20.935	35.018	55.827	67.559	70.315
119.0	21.264	35.195	55.878	67.483	70.163
119.5	21.618	35.322	55.928	67.407	70.138
120.0	21.946	35.448	55.903	67.356	70.011
120.5	22.275	35.600	55.928	67.255	69.986
121.0	22.604	35.701	55.979	67.179	69.885
121.5	22.958	35.827	55.953	67.078	69.834
122.0	23.287	35.979	55.953	67.028	69.758
122.5	23.615	36.131	55.979	66.927	69.581
123.0	23.944	36.282	55.953	66.825	69.556
123.5	24.247	36.409	55.903	66.750	69.404
124.0	24.500	36.510	55.903	66.674	69.379
124.5	24.753	36.611	55.903	66.547	69.278
125.0	25.006	36.738	55.852	66.421	69.177
125.5	25.259	36.813	55.802	66.345	69.050
126.0	25.486	36.915	55.776	66.193	68.949
126.5	25.688	37.041	55.726	66.092	68.873
127.0	25.916	37.092	55.675	65.966	68.772
127.5	26.093	37.167	55.599	65.839	68.595
128.0	26.321	37.167	55.574	65.688	68.494
128.5	26.498	37.218	55.473	65.561	68.393
129.0	26.675	37.269	55.372	65.435	68.267
129.5	26.826	37.344	55.195	65.233	68.115
130.0	26.953	37.395	55.018	65.106	67.963
130.5	27.079	37.446	54.816	64.954	67.786
131.0	27.155	37.521	54.613	64.727	67.609
131.5	27.256	37.597	54.411	64.525	67.432
132.0	27.357	37.673	54.183	64.398	67.281
132.5	27.408	37.698	53.931	64.145	67.053
133.0	27.484	37.724	53.830	63.918	66.775
133.5	27.509	37.698	53.678	63.741	66.648
134.0	27.534	37.648	53.577	63.539	66.471
134.5	27.610	37.547	53.450	63.311	66.143
135.0	27.686	37.471	53.299	63.008	65.890
135.5	27.661	37.269	53.172	62.805	65.688
136.0	27.711	37.243	52.995	62.552	65.435
136.5	27.762	37.167	52.869	62.274	65.182
137.0	27.787	37.041	52.666	62.047	64.904
137.5	27.812	36.915	52.489	61.743	64.651
138.0	27.863	36.839	52.237	61.491	64.348
138.5	27.863	36.738	51.908	61.212	64.120

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CANDELA TABULATION - (Cont.)

139.0	27.838	36.662	51.529	60.884	63.766
139.5	27.838	36.561	51.074	60.530	63.513
140.0	27.838	36.434	50.568	60.201	63.159
140.5	27.838	36.358	50.113	59.797	62.780
141.0	27.838	36.308	49.607	59.367	62.477
141.5	27.838	36.207	49.101	58.987	62.173
142.0	27.812	36.156	48.621	58.507	61.845
142.5	27.787	36.080	48.115	58.077	61.465
143.0	27.762	36.004	47.635	57.673	61.086
143.5	27.762	35.903	47.079	57.243	60.732
144.0	27.762	35.777	46.598	56.914	60.327
144.5	27.838	35.676	46.118	56.535	59.974
145.0	27.939	35.575	45.587	56.206	59.569
145.5	28.116	35.448	45.107	55.878	59.164
146.0	28.343	35.347	44.651	55.524	58.785
146.5	28.571	35.246	44.272	55.144	58.355
147.0	28.798	35.119	43.842	54.765	57.926
147.5	29.001	35.069	43.514	54.386	57.496
148.0	29.228	34.968	43.160	53.956	57.041
148.5	29.431	34.942	42.882	53.551	56.585
149.0	29.683	34.942	42.578	53.147	56.181
149.5	29.860	35.018	42.300	52.717	55.675
150.0	30.063	35.069	42.022	52.312	55.144
150.5	30.240	35.094	41.718	51.857	54.588
151.0	30.366	35.170	41.314	51.402	53.931
151.5	30.492	35.195	40.884	50.922	53.324
152.0	30.644	35.246	40.480	50.416	52.717
152.5	30.796	35.296	40.100	49.885	52.060
153.0	30.897	35.322	39.696	49.278	51.529
153.5	31.023	35.398	39.266	48.646	50.922
154.0	31.125	35.372	38.887	47.938	50.416
154.5	31.251	35.398	38.558	47.256	49.910
155.0	31.302	35.448	38.229	46.472	49.531
155.5	31.403	35.473	37.901	45.739	49.127
156.0	31.479	35.473	37.673	44.955	48.773
156.5	31.605	35.473	37.446	44.171	48.318
157.0	31.655	35.524	37.218	43.463	47.888
157.5	31.731	35.524	37.066	42.780	47.407
158.0	31.832	35.499	36.990	42.072	46.952
158.5	31.858	35.499	36.889	41.491	46.421
159.0	31.984	35.423	36.813	40.935	45.966
159.5	32.085	35.372	36.687	40.404	45.461
160.0	32.212	35.322	36.561	39.974	44.955
160.5	32.363	35.296	36.459	39.569	44.474
161.0	32.465	35.221	36.434	39.140	43.994
161.5	32.616	35.195	36.384	38.710	43.640
162.0	32.743	35.145	36.459	38.356	43.337
162.5	32.869	35.145	36.510	37.976	42.983
163.0	33.021	35.119	36.535	37.572	42.679
163.5	33.147	35.119	36.586	37.142	42.300
164.0	33.198	35.119	36.636	36.611	41.946
164.5	33.274	35.069	36.586	36.207	41.491
165.0	33.350	35.069	36.510	35.802	41.036
165.5	33.425	35.044	36.434	35.524	40.555
166.0	33.501	35.018	36.384	35.221	39.822
166.5	33.577	35.018	36.308	34.968	39.468

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

167.0	33.678	35.018	36.232	34.740	39.190
167.5	33.729	35.018	36.080	34.538	38.912
168.0	33.805	35.018	35.954	34.336	38.684
168.5	33.956	34.917	35.777	34.159	38.406
169.0	34.032	34.942	35.650	33.982	38.128
169.5	34.159	34.867	35.448	33.779	37.825
170.0	34.209	34.841	35.271	33.527	37.547
170.5	34.285	34.791	35.044	33.248	37.243
171.0	34.336	34.740	34.791	32.945	36.864
171.5	34.411	34.740	34.563	32.667	36.561
172.0	34.538	34.690	34.437	32.389	36.105
172.5	34.614	34.690	34.285	32.085	35.600
173.0	34.715	34.639	34.159	31.807	34.740
173.5	34.841	34.664	34.108	31.529	33.451
174.0	34.942	34.664	34.083	31.302	31.858
174.5	35.018	34.664	34.032	31.074	29.961
175.0	35.170	34.740	34.007	30.897	27.812
175.5	35.221	34.765	33.982	30.821	25.562
176.0	35.322	34.816	33.982	30.745	24.096
176.5	35.347	34.841	33.956	30.745	23.059
177.0	35.448	34.892	33.906	30.669	21.997
177.5	35.473	34.892	33.830	30.644	21.769
178.0	35.575	34.942	33.805	30.619	21.820
178.5	35.625	34.968	33.830	30.568	21.871
179.0	35.676	34.968	33.805	30.492	21.896
179.5	35.726	34.968	33.779	30.467	21.921
180.0	32.035	32.035	32.035	32.035	32.035

IES INDOOR REPORT
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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	289.47	N.A.	11.70
0-30	606.54	N.A.	24.50
0-40	974.32	N.A.	39.40
0-60	1648.9	N.A.	66.70
0-80	2054.24	N.A.	83.10
0-90	2156.18	N.A.	87.30
10-90	2080.71	N.A.	84.20
20-40	684.85	N.A.	27.70
20-50	1047.02	N.A.	42.40
40-70	914.89	N.A.	37.00
60-80	405.34	N.A.	16.40
70-80	165.04	N.A.	6.70
80-90	101.94	N.A.	4.10
90-110	119.07	N.A.	4.80
90-120	169.19	N.A.	6.80
90-130	215.33	N.A.	8.70
90-150	282.69	N.A.	11.40
90-180	314.89	N.A.	12.70
110-180	195.82	N.A.	7.90
0-180	2471.07	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	75.47
10-20	214.00
20-30	317.07
30-40	367.78
40-50	362.17
50-60	312.41
60-70	240.30
70-80	165.04
80-90	101.94
90-100	65.31
100-110	53.75
110-120	50.13
120-130	46.13
130-140	38.77
140-150	28.59
150-160	18.69
160-170	10.30
170-180	3.21

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L25-835-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	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-2-L25-835-HE-DIM-UNV_.IES

UGR TABLE - CORRECTED

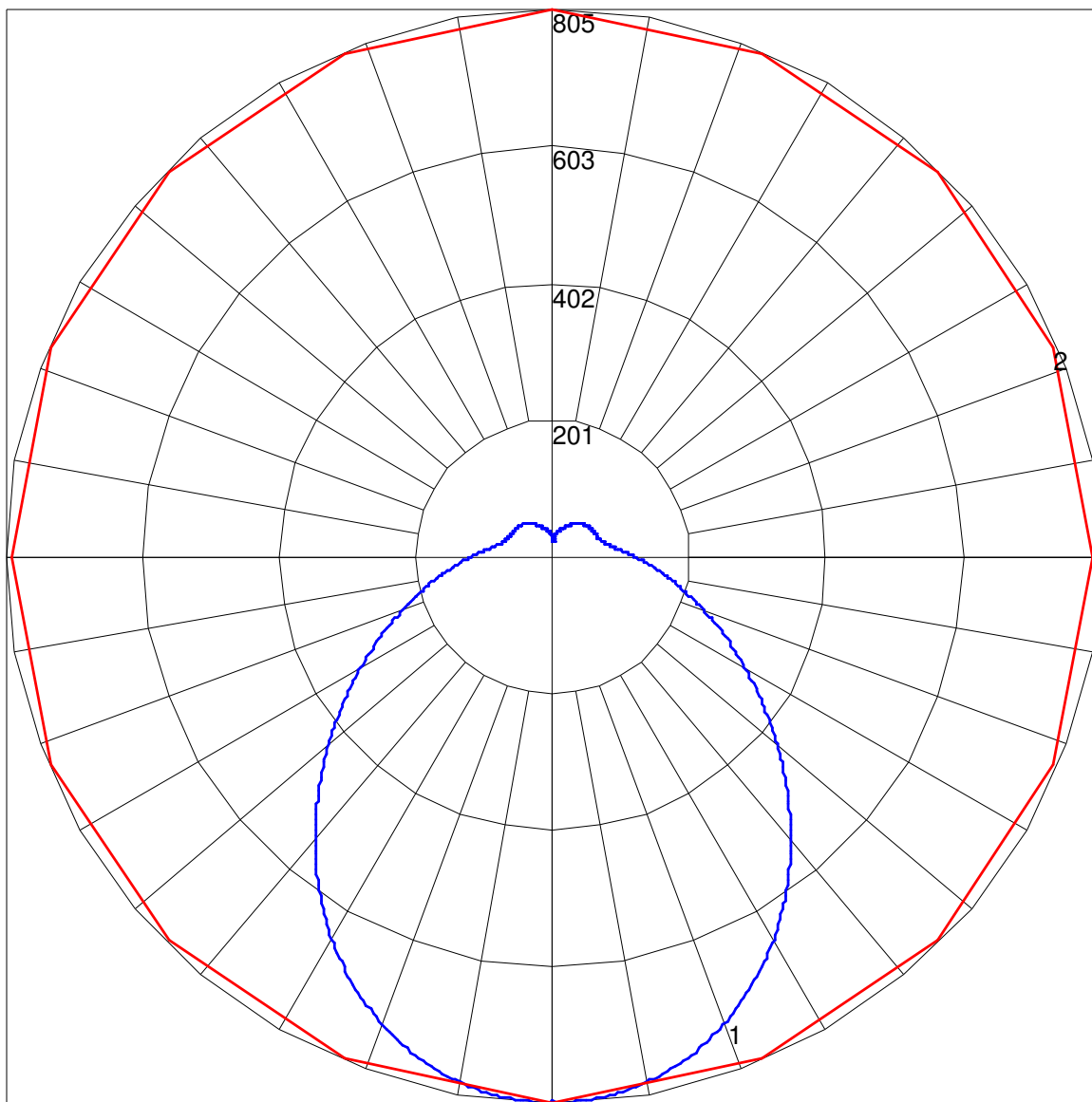
Reflectances

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					UGR Viewed Endwise				
X=2H	Y=2H	17.2	18.6	17.8	19.2	19.8	18.8	20.2	19.4	20.8	21.4
	3H	18.6	19.8	19.2	20.4	21.1	21.0	22.2	21.6	22.8	23.5
	4H	19.0	20.2	19.6	20.8	21.5	22.0	23.2	22.6	23.8	24.5
	6H	19.3	20.4	19.9	21.0	21.7	23.1	24.2	23.7	24.8	25.5
	8H	19.4	20.5	20.0	21.1	21.8	23.7	24.7	24.3	25.4	26.0
	12H	19.5	20.4	20.1	21.1	21.8	24.3	25.3	24.9	25.9	26.6
4H	2H	18.0	19.1	18.6	19.7	20.4	19.2	20.4	19.8	21.0	21.7
	3H	19.6	20.6	20.2	21.2	21.9	21.6	22.6	22.3	23.3	24.0
	4H	20.1	21.0	20.8	21.7	22.4	22.9	23.8	23.5	24.4	25.1
	6H	20.5	21.3	21.2	22.0	22.7	24.2	24.9	24.8	25.6	26.3
	8H	20.7	21.4	21.3	22.1	22.8	24.8	25.6	25.5	26.2	27.0
	12H	20.7	21.4	21.4	22.1	22.8	25.6	26.2	26.2	26.9	27.7
8H	4H	20.7	21.4	21.3	22.1	22.8	23.1	23.8	23.7	24.5	25.2
	6H	21.3	21.9	21.9	22.6	23.3	24.5	25.2	25.2	25.9	26.6
	8H	21.5	22.0	22.2	22.7	23.5	25.3	25.9	26.0	26.6	27.4
	12H	21.6	22.1	22.3	22.8	23.6	26.3	26.8	27.0	27.5	28.3
12H	4H	20.8	21.5	21.5	22.2	22.9	23.1	23.7	23.7	24.4	25.2
	6H	21.5	22.1	22.2	22.8	23.6	24.6	25.1	25.3	25.8	26.6
	8H	21.8	22.3	22.5	23.0	23.8	25.5	26.0	26.2	26.6	27.5

Maximum UGR = 28.3

POLAR GRAPH



Maximum Candela = 804.535 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.)