

IES INDOOR REPORT

PHOTOMETRIC FILENAME : CMH-2-00-L25-840U-L25-840D-DMA-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] GEN FROM 4792073931.01
[TESTLAB] UL, LLC
[ISSUE DATE] 2026-07-20
[TEST DATE] 12/30/2025
[MANUFAC] H E Williams Inc
[LUMCAT] CMH-2-00-L25-840U-L25-840D-DMA-DIM-UNV_
[LUMINAIRE] 2' wall mounted fixture with both up and down lighting
[MORE] compartments
[OTHER] This test was performed using the calibrated photodetector method
[MORE] of absolute photometry.

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	5159
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	120
Total Luminaire Watts	42.9
Ballast Factor	1.00
CIE Type	General Diffuse
Spacing Criterion (0-180)	N.A.
Spacing Criterion (90-270)	N.A.
Spacing Criterion (Diagonal)	N.A.
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	0.19 ft
Luminous Width (90-270)	1.83 ft
Luminous Height	0.13 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	21307	19856	18725
55	21181	18925	16955
65	21218	18181	14841
75	21587	17658	11753
85	22691	17891	7132

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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>	<u>112.5</u>	<u>135.0</u>	<u>157.5</u>	<u>180.0</u>
0.0	772.016	772.016	772.016	772.016	772.016	772.016	772.016	772.016	772.016
0.5	773.101	774.389	772.954	775.895	770.632	774.636	769.436	769.395	769.469
1.0	775.206	776.226	775.792	776.524	770.158	773.481	767.228	767.187	767.312
1.5	777.992	778.692	776.627	778.206	770.158	771.324	766.073	764.505	763.628
2.0	780.354	781.735	778.515	778.361	769.580	769.694	763.968	762.348	761.472
2.5	783.769	783.829	781.033	779.041	769.054	768.641	761.863	760.769	759.418
3.0	786.029	786.976	783.024	779.196	768.527	767.589	760.284	757.612	756.736
3.5	789.021	789.751	784.488	780.981	768.527	765.432	757.653	755.455	755.157
4.0	792.962	792.526	787.006	781.136	767.423	763.327	756.600	752.824	751.473
4.5	794.747	794.826	788.997	780.816	766.897	762.801	753.969	750.193	748.264
5.0	795.737	797.704	790.719	782.549	765.845	760.170	750.811	747.510	745.158
5.5	799.410	800.056	791.286	782.755	764.266	757.539	749.233	744.879	743.580
6.0	801.876	801.933	792.803	782.435	763.162	756.961	747.128	742.722	740.371
6.5	803.867	805.492	794.371	782.166	762.161	754.907	744.393	738.987	737.265
7.0	805.858	807.741	795.412	782.270	761.583	753.226	741.762	735.778	733.529
7.5	807.890	809.618	796.505	782.053	758.900	750.594	738.605	733.147	729.846
8.0	811.799	810.969	797.856	780.680	757.322	747.963	735.974	729.938	726.162
8.5	815.263	812.949	799.207	781.464	756.795	746.385	733.291	726.781	722.530
9.0	819.997	815.033	800.403	780.618	754.164	743.702	730.082	722.519	718.846
9.5	822.338	816.847	801.125	780.875	752.534	740.544	726.924	719.310	717.794
10.0	824.947	819.663	801.795	780.132	750.955	738.388	724.293	716.153	712.005
10.5	827.505	821.323	802.991	779.337	748.324	735.808	721.084	712.417	709.425
11.0	829.062	822.509	803.713	778.068	747.220	733.125	717.349	709.786	705.742
11.5	830.465	824.375	803.908	776.798	744.063	729.968	714.243	705.525	701.005
12.0	831.341	825.715	804.630	776.581	741.958	728.338	711.034	701.841	696.847
12.5	834.374	828.108	804.877	775.312	740.327	724.076	707.350	698.157	693.163
13.0	836.085	829.396	805.227	774.042	738.222	721.445	703.615	693.896	688.004
13.5	837.425	831.108	805.577	773.299	734.539	718.287	700.406	689.634	684.950
14.0	839.973	832.190	805.978	772.081	732.908	714.026	695.670	685.424	680.368
14.5	841.736	833.324	805.224	770.234	730.277	711.395	691.935	681.214	675.683
15.0	841.766	833.880	805.471	769.016	726.542	708.186	688.251	677.004	670.999
15.5	842.859	834.488	805.398	766.642	723.384	704.977	683.989	672.268	668.367
16.0	843.323	835.622	804.798	764.692	720.702	701.293	680.780	668.058	662.001
16.5	845.591	836.756	805.778	764.000	718.070	697.609	676.570	664.375	658.844
17.0	848.075	836.311	805.704	761.627	715.439	693.348	672.835	659.587	655.738
17.5	848.466	838.023	805.053	758.676	711.704	690.665	668.047	656.378	650.424
18.0	849.961	837.578	804.402	757.458	708.020	685.351	663.311	651.642	646.740
18.5	851.982	838.237	803.597	755.187	704.285	682.194	661.155	649.010	641.952
19.0	851.474	838.896	803.420	753.546	701.128	677.932	656.945	644.274	637.216
19.5	853.856	838.978	802.089	751.430	697.392	674.723	652.157	639.538	631.902
20.0	855.031	838.636	801.912	748.634	694.235	670.513	650.052	634.802	627.166
20.5	855.370	839.295	800.106	746.363	691.026	666.252	645.264	630.014	621.852
21.0	855.657	838.902	799.403	743.246	686.290	662.042	640.528	625.278	617.116
21.5	856.523	839.138	798.123	741.657	683.081	659.885	636.318	620.015	611.853
22.0	857.646	838.951	796.894	739.593	678.871	654.623	631.530	615.279	606.539
22.5	858.294	838.764	795.614	736.899	674.609	650.836	626.743	610.543	601.803
23.0	857.839	839.051	794.385	734.154	670.874	645.574	622.007	605.281	596.489
23.5	857.961	838.492	793.631	730.356	666.138	643.469	617.219	600.018	591.227
24.0	858.558	838.408	791.876	728.344	662.980	639.207	612.431	595.230	585.438
24.5	858.897	838.221	790.647	725.278	658.193	634.471	607.695	590.020	580.702
25.0	858.183	838.086	788.366	723.059	656.614	629.632	602.907	584.706	575.388
25.5	856.944	836.898	787.137	720.366	652.879	624.895	598.171	579.443	569.599
26.0	857.283	836.607	785.382	716.094	649.195	620.108	592.857	574.707	564.811
26.5	856.621	835.265	783.679	712.822	644.407	615.372	588.069	569.445	558.971

IES INDOOR REPORT**PHOTOMETRIC FILENAME : CMH-2-00-L25-840U-L25-840D-DMA-DIM-UNV_.IES****CANDELA TABULATION - (Cont.)**

27.0	855.433	834.448	782.553	710.129	639.619	610.532	582.807	564.182	553.709
27.5	855.400	834.158	779.374	707.435	635.358	605.796	578.019	558.868	548.395
28.0	855.740	832.815	777.299	702.585	630.622	600.482	573.231	553.606	542.606
28.5	854.345	831.473	775.698	700.366	626.412	595.746	567.969	548.343	537.292
29.0	853.209	831.182	774.098	696.094	621.149	590.958	562.706	542.555	532.030
29.5	852.970	828.787	772.074	691.718	616.362	585.696	557.392	537.292	526.504
30.0	852.566	827.342	769.948	688.973	611.574	580.330	552.656	531.978	521.033
30.5	851.223	826.153	767.821	685.227	606.838	575.594	547.342	526.663	515.770
31.0	851.036	825.337	765.746	681.378	602.102	570.280	542.080	521.348	510.298
31.5	849.900	824.417	762.567	679.685	597.314	565.018	536.817	516.138	504.879
32.0	848.134	823.075	761.018	675.310	592.051	560.230	531.503	510.717	499.668
32.5	848.473	821.206	758.314	673.091	587.264	554.916	526.188	505.454	494.144
33.0	845.603	820.441	756.084	669.345	582.527	549.653	520.873	499.930	488.619
33.5	846.097	817.994	753.328	665.021	577.213	544.339	515.611	494.615	483.304
34.0	845.384	816.177	750.046	661.223	571.951	539.077	510.297	489.405	477.779
34.5	843.721	814.308	746.764	656.848	566.637	534.289	504.982	483.985	472.412
35.0	841.749	812.439	744.585	652.524	561.375	528.869	499.772	478.670	467.202
35.5	840.509	811.148	742.304	648.726	556.638	523.555	494.562	473.302	461.729
36.0	838.526	808.226	739.125	644.403	551.376	518.240	489.247	468.040	456.257
36.5	837.390	806.357	736.895	640.079	545.587	512.926	483.723	462.882	450.837
37.0	835.572	805.066	733.035	635.703	540.273	507.769	478.565	457.463	445.364
37.5	833.961	802.196	729.701	631.380	535.011	502.297	473.303	451.990	440.208
38.0	833.299	799.801	727.575	627.056	529.748	496.982	467.935	446.833	434.631
38.5	830.006	797.984	723.240	622.732	524.382	491.562	462.673	441.466	429.105
39.0	828.395	796.693	720.433	617.882	518.909	486.353	457.305	436.204	423.737
39.5	826.103	793.771	720.834	613.506	513.594	481.038	452.148	430.836	418.422
40.0	825.493	791.954	717.603	609.182	508.121	475.565	446.939	425.575	413.265
40.5	822.303	790.033	714.373	604.332	502.649	470.251	441.519	420.311	407.950
41.0	819.908	787.267	711.039	599.957	497.334	464.936	436.257	414.997	402.532
41.5	817.244	784.871	707.808	595.210	491.756	459.411	430.889	409.840	397.321
42.0	816.582	782.951	703.948	590.938	486.335	454.358	425.628	404.474	392.112
42.5	814.393	780.607	700.666	586.665	480.863	448.992	420.313	399.106	386.954
43.0	811.678	776.633	697.281	582.496	475.391	443.571	415.050	394.054	381.483
43.5	810.387	774.765	694.050	577.749	469.655	438.151	409.630	388.635	376.378
44.0	807.620	772.369	690.293	573.002	464.287	432.837	404.209	383.320	371.378
44.5	805.431	770.026	686.382	568.203	458.709	427.575	398.895	378.111	366.170
45.0	803.820	768.157	683.151	563.880	453.236	421.998	393.633	372.743	361.065
45.5	800.372	764.761	679.343	559.135	447.764	416.629	388.160	367.586	355.698
46.0	800.133	762.417	675.534	554.442	442.186	411.208	382.898	362.376	350.541
46.5	796.943	761.074	672.252	549.696	436.659	405.842	377.477	357.062	345.595
47.0	795.755	760.258	668.444	544.846	430.924	400.474	372.162	351.957	340.596
47.5	793.989	758.069	664.584	540.257	425.241	395.001	366.848	346.695	335.281
48.0	791.852	754.993	660.930	535.668	419.610	389.372	361.637	341.696	330.124
48.5	788.404	752.226	656.967	531.026	414.084	383.899	356.218	336.487	325.020
49.0	786.267	749.305	653.210	526.227	408.560	378.478	350.903	331.435	319.810
49.5	784.181	746.383	649.350	521.428	402.982	373.163	345.693	326.332	314.863
50.0	784.468	744.091	645.490	516.735	397.351	367.744	340.485	321.227	309.653
50.5	780.701	741.170	641.733	511.886	391.773	362.166	335.117	316.385	304.602
51.0	779.987	738.351	637.976	507.193	386.247	356.798	329.907	311.229	299.499
51.5	777.375	735.481	633.590	502.342	380.722	351.273	324.592	306.124	294.552
52.0	774.763	732.034	629.678	497.283	375.091	345.958	319.487	301.126	289.711
52.5	772.522	729.164	625.921	492.538	369.565	340.591	314.279	296.127	284.659
53.0	769.756	726.191	621.587	487.583	363.987	335.118	309.016	291.127	279.554
53.5	766.989	723.373	617.674	482.681	358.567	329.592	303.754	286.181	274.451
54.0	764.428	720.400	613.603	477.673	352.937	324.277	298.544	281.076	269.924
54.5	761.661	717.158	609.374	472.612	347.517	319.015	293.388	276.183	264.927

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CANDELA TABULATION - (Cont.)

55.0	758.998	714.185	605.356	467.711	341.991	313.543	288.178	271.131	259.874
55.5	756.282	710.738	601.389	462.597	336.518	308.019	283.022	266.132	255.032
56.0	753.619	707.868	597.266	457.643	330.940	302.702	277.916	261.343	249.929
56.5	751.058	704.420	592.984	452.477	325.413	297.283	272.602	256.186	245.245
57.0	748.343	701.602	588.756	447.364	319.836	291.967	267.655	251.451	240.613
57.5	745.101	698.206	584.683	442.252	314.362	286.444	262.604	246.346	235.510
58.0	742.231	694.706	580.507	436.981	308.680	281.075	257.394	241.557	230.616
58.5	739.671	691.310	576.228	431.869	303.102	275.760	252.395	236.663	225.669
59.0	736.956	688.017	571.789	426.598	297.418	270.393	247.395	231.717	220.985
59.5	733.766	684.466	567.663	421.328	291.682	264.973	242.449	226.928	216.197
60.0	730.318	681.019	563.225	416.215	286.051	259.501	237.502	222.086	211.355
60.5	727.180	677.623	559.102	411.103	280.473	254.133	232.451	217.297	206.514
61.0	724.464	674.173	554.821	406.095	274.948	248.713	227.399	212.456	201.725
61.5	721.171	670.725	550.540	400.931	269.317	243.451	222.347	207.615	196.884
62.0	717.352	667.067	546.048	395.659	263.790	238.031	217.506	202.774	192.253
62.5	714.110	663.459	541.818	390.495	258.107	232.716	212.454	197.880	187.359
63.0	710.869	660.009	537.592	385.330	252.634	227.243	207.403	193.091	182.675
63.5	707.627	656.193	533.311	380.164	247.056	221.823	202.455	188.354	177.834
64.0	704.438	652.483	528.819	374.999	241.478	216.666	197.456	183.460	173.309
64.5	700.670	648.824	524.592	369.835	235.953	211.298	192.351	178.671	168.940
65.0	697.061	645.166	519.944	364.459	230.375	206.036	187.247	173.935	164.046
65.5	693.402	641.298	515.662	359.137	224.744	200.668	182.353	169.146	159.415
66.0	689.844	637.323	511.328	353.973	219.270	195.302	177.248	164.463	154.889
66.5	686.496	633.508	506.733	348.756	213.798	189.934	172.355	159.621	150.364
67.0	682.728	629.691	502.451	343.538	208.324	184.671	167.565	154.990	145.996
67.5	679.066	625.873	497.855	338.163	202.850	179.514	162.671	150.307	141.417
68.0	675.457	621.902	493.365	332.841	197.115	174.410	157.726	145.676	136.734
68.5	671.636	617.927	488.927	327.571	191.590	169.042	152.779	141.045	132.103
69.0	668.292	614.007	484.278	322.408	186.169	163.937	147.885	136.414	127.840
69.5	664.524	610.191	479.945	317.295	180.749	158.675	143.253	131.888	123.420
70.0	660.966	606.214	475.297	312.183	175.276	153.570	138.465	127.362	118.998
70.5	657.302	602.189	470.806	307.019	169.857	148.362	133.729	122.731	114.421
71.0	653.745	598.214	466.263	301.699	164.383	143.310	128.993	118.364	110.001
71.5	650.133	594.239	461.511	296.588	159.226	138.258	124.363	113.996	105.633
72.0	646.212	590.005	457.073	291.634	153.857	133.206	119.731	109.628	101.632
72.5	642.495	586.134	452.530	286.575	148.122	128.207	115.152	105.418	97.159
73.0	638.627	582.056	448.092	281.674	142.964	123.313	110.679	100.998	92.949
73.5	634.858	577.873	443.604	276.614	137.650	118.576	106.154	96.682	88.634
74.0	631.142	573.846	438.956	271.557	132.439	113.787	101.681	92.577	84.531
74.5	627.115	569.614	434.465	266.552	127.387	109.051	97.313	88.419	80.689
75.0	623.295	565.587	429.768	261.702	122.282	104.315	92.998	84.316	76.532
75.5	619.371	561.404	425.280	256.646	117.282	99.684	88.681	80.106	72.584
76.0	615.396	557.379	421.000	251.694	112.283	95.158	84.315	76.159	68.742
76.5	611.416	553.144	416.408	247.000	107.283	90.685	79.999	72.054	64.954
77.0	607.388	549.172	411.920	241.997	102.441	86.212	75.999	68.213	61.427
77.5	603.359	544.991	407.432	237.357	97.494	81.792	71.843	64.318	57.744
78.0	599.437	540.966	403.101	232.615	92.863	77.371	67.791	60.582	54.165
78.5	595.198	536.787	398.821	228.134	88.180	73.056	63.791	56.897	50.587
79.0	591.224	532.502	394.439	223.393	83.653	68.899	59.844	53.214	46.956
79.5	587.195	528.479	390.160	218.808	79.074	64.794	56.002	49.530	43.640
80.0	583.066	524.403	385.832	214.278	74.548	60.794	52.265	46.057	40.272
80.5	578.934	520.278	381.502	210.008	70.180	56.794	48.582	42.583	37.010
81.0	575.064	516.307	377.487	205.739	65.969	52.900	45.003	39.216	33.642
81.5	571.089	512.022	373.317	201.471	61.864	49.163	41.476	35.900	30.379
82.0	567.063	508.052	369.302	197.203	57.812	45.479	37.951	32.637	27.328
82.5	563.453	504.451	365.342	193.092	53.760	41.953	34.688	29.637	24.431

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CANDELA TABULATION - (Cont.)

83.0	559.534	500.585	361.277	189.243	49.866	38.375	31.425	26.585	21.433
83.5	555.824	496.667	357.317	185.446	46.129	34.900	28.320	23.585	18.538
84.0	552.217	492.961	353.568	181.653	42.498	31.585	25.268	20.691	15.696
84.5	548.505	489.150	349.767	177.859	38.920	28.375	22.163	17.796	13.066
85.0	545.004	485.287	346.019	174.275	35.447	25.270	19.216	15.112	10.696
85.5	541.554	481.737	342.112	170.691	32.026	22.165	16.373	12.534	8.591
86.0	538.108	478.342	338.364	167.265	28.711	19.166	13.637	10.218	7.065
86.5	534.917	475.257	334.982	163.839	25.501	16.270	11.006	8.428	6.012
87.0	531.983	473.102	331.647	160.675	22.448	13.429	8.690	7.007	5.328
87.5	529.875	471.463	329.142	157.407	19.396	10.691	7.058	6.112	4.906
88.0	528.854	470.704	327.357	154.190	16.291	8.007	5.900	5.480	4.693
88.5	528.085	470.148	326.240	151.385	13.187	5.797	5.267	5.006	4.431
89.0	527.629	470.008	325.955	149.458	10.028	4.744	4.899	4.847	4.377
89.5	527.537	469.921	325.720	148.819	7.342	4.375	4.741	4.690	4.324
90.0	527.597	469.884	325.747	148.856	6.280	4.270	4.687	4.689	4.376
90.5	527.192	470.007	325.778	149.155	7.460	4.269	4.686	4.687	4.322
91.0	527.412	470.392	326.171	150.556	10.036	4.319	4.634	4.739	4.322
91.5	527.528	471.091	327.039	153.011	13.128	5.144	4.685	4.686	4.270
92.0	528.170	472.211	329.009	155.940	16.118	6.637	4.840	4.634	4.373
92.5	528.863	474.115	331.713	158.869	19.003	9.060	5.251	4.788	4.476
93.0	530.291	476.496	334.942	162.267	21.888	11.895	6.282	4.995	4.837
93.5	532.141	479.505	338.381	165.299	24.878	14.729	8.034	5.560	5.661
94.0	534.883	482.933	341.921	168.746	28.022	17.616	10.405	6.694	7.259
94.5	538.203	486.415	345.252	172.141	31.217	20.398	13.137	8.499	9.475
95.0	541.680	490.155	349.157	175.534	34.516	23.439	15.919	10.663	11.948
95.5	545.156	493.947	352.904	179.084	37.917	26.532	18.805	13.292	14.784
96.0	548.790	497.478	356.598	182.736	41.422	29.624	21.899	16.127	17.567
96.5	552.318	501.112	360.397	186.544	45.029	32.871	24.940	18.961	20.557
97.0	555.897	504.800	364.196	190.403	48.740	36.118	28.084	21.950	23.598
97.5	559.581	508.589	368.046	194.261	52.607	39.571	31.279	25.096	26.587
98.0	563.158	512.378	371.899	198.377	56.420	43.076	34.475	28.137	29.627
98.5	566.944	516.270	375.956	202.545	60.492	46.684	37.824	31.331	32.927
99.0	570.677	520.215	380.014	206.660	64.719	50.549	41.278	34.578	36.225
99.5	574.411	524.054	384.122	210.983	68.944	54.363	44.834	37.981	39.680
100.0	578.143	527.998	388.334	215.355	73.274	58.384	48.390	41.383	42.977
100.5	581.877	531.992	392.493	219.729	77.706	62.404	52.101	44.784	46.482
101.0	585.817	535.883	396.757	224.257	82.243	66.424	55.968	48.289	49.935
101.5	589.446	539.771	400.966	228.733	86.829	70.755	59.782	51.845	53.595
102.0	593.385	543.820	405.382	233.313	91.519	74.773	63.750	55.505	57.358
102.5	597.168	547.710	409.643	237.840	96.209	79.309	67.719	59.267	61.069
103.0	601.058	551.703	413.955	242.419	101.107	84.670	71.791	63.030	64.883
103.5	604.944	555.646	418.319	247.101	106.055	89.102	75.914	66.895	68.646
104.0	608.835	559.587	422.735	251.887	110.900	92.864	80.037	70.814	72.666
104.5	612.616	563.737	427.096	256.568	115.848	97.606	84.367	74.833	76.686
105.0	616.608	567.627	431.409	261.250	121.002	102.142	88.646	78.906	80.758
105.5	620.029	571.620	435.874	266.036	126.105	106.935	92.974	82.977	84.830
106.0	623.966	575.613	440.185	270.872	131.258	112.296	97.408	87.101	89.006
106.5	627.646	579.450	444.496	275.761	136.568	117.862	101.892	91.277	93.128
107.0	631.482	583.392	448.859	280.494	141.774	121.934	106.324	95.553	97.613
107.5	635.317	587.384	453.170	285.383	147.083	126.315	110.963	99.780	101.788
108.0	638.997	591.273	457.638	290.373	152.393	131.263	115.499	104.317	106.169
108.5	642.623	595.162	462.052	295.365	157.804	136.315	120.086	108.645	110.499
109.0	646.510	598.896	466.416	300.305	163.165	141.313	124.828	113.182	114.932
109.5	650.086	603.047	470.777	305.192	168.525	146.365	129.519	117.563	119.313
110.0	653.817	606.676	475.038	310.287	173.988	151.468	134.158	122.098	123.901
110.5	657.445	610.567	479.141	315.278	179.452	156.571	138.951	126.634	128.385

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CANDELA TABULATION - (Cont.)

111.0	661.124	614.199	483.451	320.270	184.967	161.726	143.744	131.222	132.972
111.5	664.703	617.985	487.816	325.365	190.481	166.880	148.486	135.861	137.353
112.0	668.124	621.773	492.073	330.407	195.996	172.086	153.383	140.500	141.785
112.5	671.803	625.508	496.437	335.553	201.667	177.394	158.331	145.087	146.321
113.0	675.119	629.244	500.749	340.595	207.130	182.703	163.175	149.674	150.960
113.5	678.748	632.927	505.007	345.845	212.645	188.064	168.175	154.416	155.702
114.0	682.219	636.453	509.265	350.887	218.315	193.322	173.279	159.106	160.341
114.5	685.640	640.085	513.525	355.981	223.778	198.733	179.359	163.952	164.979
115.0	688.854	643.770	517.784	361.128	229.346	204.095	185.854	168.745	169.722
115.5	692.123	647.401	521.991	366.222	234.964	209.558	190.492	173.435	174.309
116.0	695.646	650.773	526.303	371.315	240.582	214.918	193.689	178.229	179.309
116.5	698.811	654.407	530.353	376.410	246.097	220.279	198.121	183.022	183.999
117.0	702.333	658.039	534.717	381.556	251.716	225.845	203.998	187.918	188.897
117.5	705.446	661.359	538.820	386.598	257.437	231.155	210.595	192.609	193.534
118.0	708.559	664.938	542.975	391.745	262.900	236.721	215.852	197.558	198.380
118.5	711.513	668.261	547.337	396.786	268.570	242.186	219.462	202.247	203.174
119.0	714.679	671.479	551.391	401.933	274.189	247.546	223.482	207.299	208.123
119.5	717.844	675.212	555.545	406.975	279.807	252.855	228.430	212.144	212.760
120.0	720.851	678.588	559.649	411.966	285.529	258.267	233.481	217.092	217.915
120.5	723.911	681.858	563.753	416.854	291.095	263.783	238.583	221.989	222.657
121.0	726.971	685.076	567.909	421.948	296.507	269.143	243.634	226.989	227.503
121.5	730.084	688.452	571.910	426.886	302.177	274.452	248.685	232.916	232.348
122.0	732.628	691.722	576.015	431.981	307.795	279.813	253.944	239.669	237.296
122.5	735.794	694.372	579.963	436.920	313.309	285.122	258.995	245.441	242.295
123.0	738.906	697.748	584.015	441.858	318.877	290.586	264.150	249.256	247.243
123.5	742.019	700.913	588.121	446.746	324.495	295.895	269.304	253.843	252.346
124.0	744.616	703.720	592.224	451.634	329.958	301.307	274.511	259.823	259.202
124.5	747.729	706.938	596.171	456.625	335.577	306.771	279.665	264.874	268.120
125.0	750.431	710.261	600.277	461.563	341.041	311.977	284.922	268.275	273.840
125.5	752.976	713.016	604.328	466.503	346.659	317.389	290.077	271.884	276.521
126.0	756.035	716.287	608.123	471.235	352.122	322.749	295.283	276.677	277.449
126.5	758.580	719.147	612.172	476.071	357.585	328.007	300.386	281.626	281.778
127.0	761.282	722.418	616.485	480.908	363.153	333.471	305.540	286.626	286.726
127.5	763.932	725.173	620.176	485.589	368.668	338.779	310.746	291.574	291.727
128.0	766.477	727.980	623.762	490.476	374.080	344.243	316.005	296.574	296.829
128.5	769.127	731.251	628.022	495.312	379.699	349.707	321.003	301.626	301.829
129.0	771.776	734.059	631.713	500.045	385.265	355.016	326.416	306.779	306.931
129.5	771.744	736.814	635.405	504.830	390.780	360.376	331.725	311.779	312.034
130.0	774.446	739.569	639.664	509.614	396.244	365.737	336.982	316.779	317.138
130.5	776.065	742.324	643.303	514.451	401.708	371.201	342.240	321.778	322.292
131.0	778.610	744.511	646.994	519.131	407.274	376.561	347.342	326.831	327.343
131.5	779.251	746.908	650.686	523.864	412.892	381.870	352.549	331.985	332.446
132.0	783.289	749.148	654.377	528.546	418.407	387.179	357.909	337.087	337.704
132.5	785.991	751.335	658.069	533.227	424.026	392.592	363.114	342.190	342.804
133.0	787.148	753.217	661.760	537.806	429.593	397.900	368.526	347.190	347.910
133.5	789.692	754.941	665.452	542.538	435.006	403.313	373.732	352.963	353.012
134.0	793.373	758.264	669.091	547.324	440.469	408.725	379.093	358.014	358.271
134.5	794.476	760.504	672.267	552.004	445.984	413.982	384.402	363.169	363.321
135.0	797.074	763.827	675.958	556.790	451.499	419.497	389.607	368.375	368.735
135.5	800.291	765.499	679.650	560.955	457.015	424.909	394.969	373.633	373.733
136.0	801.342	767.791	683.183	565.741	462.478	430.322	400.175	378.632	378.991
136.5	804.970	770.083	686.465	570.369	467.890	435.527	405.432	383.838	383.989
137.0	805.043	772.786	689.588	575.102	473.406	440.990	410.741	388.942	389.455
137.5	808.050	775.593	693.332	579.372	478.767	446.457	415.843	394.042	394.609
138.0	809.154	777.318	695.319	583.947	484.176	451.710	421.046	399.144	399.446
138.5	812.319	780.641	698.033	588.165	489.383	457.019	426.357	404.558	404.965

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CANDELA TABULATION - (Cont.)

139.0	814.096	781.902	701.724	592.846	494.743	462.173	431.562	409.660	410.223
139.5	815.557	784.089	704.332	596.958	500.157	467.586	436.769	414.867	415.430
140.0	817.176	786.434	707.561	601.123	505.466	472.740	441.820	419.970	420.585
140.5	819.879	788.779	709.191	605.751	510.827	478.102	447.181	425.331	426.153
141.0	821.445	791.019	711.851	609.863	516.292	483.308	452.490	430.795	431.616
141.5	823.579	791.817	715.543	614.491	521.703	488.566	457.696	436.155	436.925
142.0	824.788	794.678	718.151	618.656	526.858	493.823	462.900	441.515	442.285
142.5	826.407	796.917	721.379	622.769	532.012	498.977	468.054	446.618	447.645
143.0	828.952	798.589	723.988	626.987	537.166	504.234	473.209	451.772	452.954
143.5	831.139	799.850	726.648	631.204	542.835	509.594	478.569	457.235	458.315
144.0	830.181	801.680	729.824	635.422	548.042	514.852	483.722	462.594	463.675
144.5	832.988	804.025	732.485	639.587	553.249	519.800	488.980	467.903	469.035
145.0	835.586	805.802	734.630	643.342	558.403	524.954	494.134	473.057	474.602
145.5	835.711	807.579	738.322	647.560	563.557	530.160	499.287	478.366	479.756
146.0	837.277	808.735	740.414	651.315	568.248	535.315	504.338	483.520	485.065
146.5	840.138	811.080	743.127	653.986	573.402	540.469	509.441	488.776	490.374
147.0	841.294	812.236	745.735	657.688	578.557	545.623	514.750	493.981	495.733
147.5	843.481	814.633	747.933	660.413	583.248	550.882	519.852	499.238	500.887
148.0	843.501	814.864	750.594	663.599	588.402	555.984	525.006	504.495	506.299
148.5	843.679	816.125	752.224	667.817	593.093	560.622	530.213	509.752	511.557
149.0	845.245	818.470	754.884	671.519	598.300	565.314	535.315	514.905	516.917
149.5	846.044	817.670	756.514	674.244	602.939	570.520	540.469	519.905	522.072
150.0	846.527	819.910	759.175	678.514	607.577	575.675	545.623	525.059	527.741
150.5	848.199	821.171	762.404	681.753	612.216	580.366	550.777	530.729	532.895
151.0	848.271	822.433	763.055	685.508	616.908	585.005	555.468	535.830	538.512
151.5	849.996	822.716	766.231	688.695	621.599	590.159	560.622	541.037	543.719
152.0	850.121	823.515	767.398	692.450	626.290	594.850	565.777	546.138	549.336
152.5	849.678	824.776	769.596	695.174	630.929	599.489	570.983	551.292	554.543
153.0	849.804	825.007	771.794	698.929	635.105	604.180	575.569	555.931	559.697
153.5	851.475	826.321	773.424	702.169	637.734	608.819	580.776	561.601	564.851
154.0	850.570	827.119	774.591	705.924	642.889	614.026	585.415	566.702	570.573
154.5	851.726	827.403	775.653	708.648	646.496	618.149	590.569	571.856	575.780
155.0	852.830	828.149	777.745	711.372	649.642	622.893	595.260	576.495	580.881
155.5	852.492	827.969	779.217	714.664	653.302	627.479	600.414	581.649	586.088
156.0	851.019	828.768	780.174	717.335	657.941	632.223	605.106	586.803	591.190
156.5	852.175	829.619	781.235	720.627	661.601	634.800	609.744	591.905	595.828
157.0	852.710	829.334	782.813	723.404	665.777	639.491	614.383	596.543	601.035
157.5	850.342	829.670	783.874	725.560	669.385	643.615	619.590	601.697	606.189
158.0	850.499	828.460	785.094	728.284	673.046	647.738	624.229	606.852	611.343
158.5	849.120	828.796	785.798	730.546	677.169	650.883	628.352	611.490	615.982
159.0	847.699	829.132	787.018	733.270	680.829	655.006	631.444	616.129	621.136
159.5	849.065	829.415	787.722	736.047	683.922	659.645	637.682	621.283	625.775
160.0	847.381	829.130	788.479	738.255	688.098	663.305	640.259	625.922	630.929
160.5	846.171	828.793	789.751	740.001	691.243	667.481	644.950	630.561	635.620
161.0	846.601	828.865	790.508	742.262	693.820	671.089	648.558	634.168	640.722
161.5	845.602	826.982	791.728	744.471	697.943	675.212	651.703	638.807	644.845
162.0	844.917	826.182	790.476	746.732	700.520	678.873	656.342	643.446	646.801
162.5	842.981	824.919	792.263	747.447	704.696	683.049	659.950	647.054	651.335
163.0	842.433	825.770	792.042	750.224	707.326	687.172	665.157	650.662	655.300
163.5	841.475	824.097	792.336	751.402	710.934	690.317	668.764	655.300	659.886
164.0	841.758	824.075	793.093	753.148	713.511	693.410	672.372	659.424	663.957
164.5	840.085	822.455	792.872	754.326	716.656	697.018	677.064	664.115	669.521
165.0	838.465	822.380	793.166	756.072	719.748	701.141	681.187	667.723	673.645
165.5	835.813	819.729	792.997	757.765	722.893	703.771	684.279	671.331	677.252
166.0	835.792	818.729	792.723	759.511	725.471	706.863	687.940	675.969	682.301
166.5	834.634	817.677	793.070	761.257	727.532	710.524	692.011	680.093	686.940

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CANDELA TABULATION - (Cont.)

167.0	833.371	816.624	792.386	760.994	730.162	713.101	696.186	683.753	691.063
167.5	831.130	814.646	792.217	762.277	732.276	716.193	698.764	688.444	694.671
168.0	827.553	813.131	792.048	763.560	734.853	719.338	702.939	692.568	698.847
168.5	827.016	811.920	791.880	764.896	737.430	722.431	707.115	696.744	702.918
169.0	823.902	810.142	790.680	764.117	740.060	725.523	709.640	699.836	706.473
169.5	822.334	808.216	790.511	765.863	741.554	727.585	713.763	704.475	709.513
170.0	820.766	806.238	789.827	766.168	743.100	730.730	716.908	707.567	713.636
170.5	819.251	805.344	788.165	766.988	744.699	733.307	719.538	711.228	717.297
171.0	816.084	803.471	788.564	767.346	745.729	735.884	722.168	714.836	720.442
171.5	813.590	801.598	786.334	767.703	748.359	737.483	725.313	718.549	724.565
172.0	812.233	799.263	786.271	768.524	750.473	740.060	728.405	720.611	727.552
172.5	809.792	796.980	784.608	768.366	751.967	742.637	731.498	724.734	731.623
173.0	806.373	795.107	783.051	768.261	753.050	745.214	734.590	727.826	733.632
173.5	804.553	792.771	782.578	769.186	754.029	746.245	737.167	730.403	737.293
174.0	802.627	790.951	780.505	769.081	754.544	748.822	739.229	733.548	740.848
174.5	799.619	787.637	779.053	768.976	756.143	751.399	741.753	736.641	742.394
175.0	796.610	785.354	777.601	767.892	757.689	752.945	743.815	739.165	745.434
175.5	793.653	783.177	776.202	768.923	758.667	753.923	746.445	741.795	747.495
176.0	792.864	781.051	774.856	768.870	759.751	756.038	748.969	744.425	751.671
176.5	788.572	778.001	773.562	768.408	760.214	757.069	752.114	747.054	753.270
177.0	786.342	776.086	771.342	768.408	760.319	758.615	752.629	749.579	755.847
177.5	783.028	773.193	770.722	767.377	761.297	759.130	755.207	751.640	757.341
178.0	779.925	771.437	769.638	767.377	761.812	760.676	756.700	754.786	761.517
178.5	776.622	768.239	768.092	766.861	761.812	762.223	758.246	756.795	764.041
179.0	774.402	767.155	766.030	766.861	762.328	762.738	760.876	758.856	765.072
179.5	772.288	765.146	764.999	765.831	762.328	763.769	761.907	760.455	769.248
180.0	764.273	764.273	764.273	764.273	764.273	764.273	764.273	764.273	764.273

IES INDOOR REPORT**PHOTOMETRIC FILENAME : CMH-2-00-L25-840U-L25-840D-DMA-DIM-UNV_.IES****ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	283.75	N.A.	5.50
0-30	602.77	N.A.	11.70
0-40	988.76	N.A.	19.20
0-60	1790.87	N.A.	34.70
0-80	2398.5	N.A.	46.50
0-90	2589.37	N.A.	50.20
10-90	2516.07	N.A.	48.80
20-40	705.00	N.A.	13.70
20-50	1114.28	N.A.	21.60
40-70	1143.62	N.A.	22.20
60-80	607.63	N.A.	11.80
70-80	266.12	N.A.	5.20
80-90	190.87	N.A.	3.70
90-110	455.27	N.A.	8.80
90-120	794.38	N.A.	15.40
90-130	1184.44	N.A.	23.00
90-150	1973.1	N.A.	38.20
90-180	2569.17	N.A.	49.80
110-180	2113.9	N.A.	41.00
0-180	5158.54	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	73.30
10-20	210.45
20-30	319.01
30-40	385.99
40-50	409.27
50-60	392.84
60-70	341.52
70-80	266.12
80-90	190.87
90-100	190.59
100-110	264.68
110-120	339.11
120-130	390.06
130-140	406.15
140-150	382.51
150-160	315.61
160-170	207.98
170-180	72.48

IES INDOOR REPORT

PHOTOMETRIC FILENAME : CMH-2-00-L25-840U-L25-840D-DMA-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	107	107	107	107	99	99	99	99	83	83	83	69	69	69	56	56	56	50
1	96	91	87	83	88	84	80	77	71	68	65	59	57	55	47	46	44	39
2	87	79	72	66	80	73	67	62	61	57	53	51	47	44	41	38	36	32
3	79	69	61	55	72	64	57	51	54	48	44	44	40	37	36	33	30	26
4	72	61	52	46	66	56	49	43	47	42	37	39	35	31	32	28	26	22
5	66	54	45	39	61	50	42	37	42	36	32	35	30	27	28	25	22	19
6	61	48	40	34	56	45	37	32	38	32	27	32	27	23	26	22	19	16
7	56	43	35	29	51	40	33	28	34	28	24	29	24	21	23	20	17	14
8	52	39	31	26	48	37	29	24	31	25	21	26	22	18	21	18	15	13
9	48	36	28	23	44	33	26	22	29	23	19	24	20	16	20	16	14	12
10	45	33	25	20	42	31	24	19	26	21	17	22	18	15	18	15	12	10

IES INDOOR REPORT

PHOTOMETRIC FILENAME : CMH-2-00-L25-840U-L25-840D-DMA-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

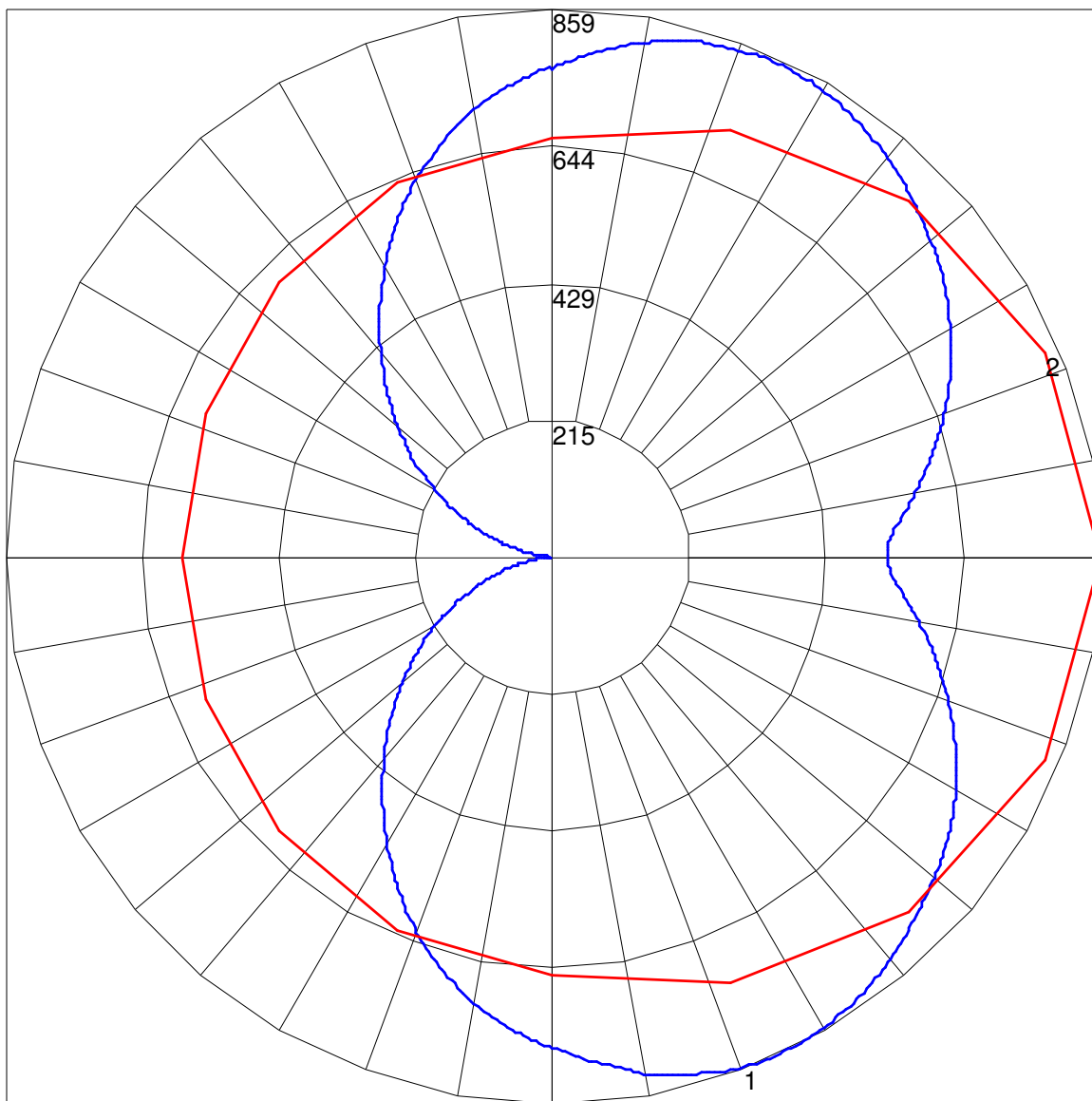
X=2H	Y=2H	21.8	22.7	22.7	23.6	24.9	15.9	16.8	16.8	17.7	19.0
	3H	24.8	25.6	25.8	26.6	27.9	17.2	18.1	18.2	19.0	20.3
	4H	26.4	27.1	27.3	28.1	29.4	17.7	18.4	18.6	19.4	20.7
	6H	28.0	28.7	29.0	29.7	31.0	17.9	18.6	18.9	19.6	20.9
	8H	28.8	29.5	29.8	30.5	31.9	17.9	18.6	18.9	19.6	21.0
	12H	29.8	30.4	30.8	31.4	32.8	18.0	18.6	19.0	19.6	21.0

UGR Viewed Endwise

4H	2H	22.1	22.8	23.0	23.8	25.1	17.1	17.9	18.1	18.9	20.2
	3H	25.3	26.0	26.3	27.0	28.3	18.7	19.4	19.7	20.4	21.7
	4H	27.0	27.7	28.0	28.7	30.0	19.3	19.9	20.3	20.9	22.3
	6H	28.9	29.4	29.9	30.5	31.8	19.7	20.2	20.7	21.3	22.6
	8H	29.9	30.4	30.9	31.4	32.7	19.8	20.3	20.8	21.3	22.7
	12H	30.9	31.4	31.9	32.4	33.7	19.8	20.3	20.9	21.3	22.7
8H	4H	27.2	27.7	28.2	28.7	30.1	20.4	20.9	21.4	21.9	23.3
	6H	29.2	29.6	30.2	30.7	32.0	21.0	21.4	22.1	22.5	23.9
	8H	30.3	30.7	31.4	31.7	33.1	21.3	21.6	22.3	22.7	24.0
	12H	31.6	31.9	32.6	32.9	34.3	21.4	21.7	22.4	22.8	24.2
12H	4H	27.2	27.6	28.2	28.6	30.0	20.7	21.2	21.8	22.2	23.6
	6H	29.2	29.6	30.3	30.6	32.0	21.5	21.9	22.6	23.0	24.3
	8H	30.4	30.7	31.4	31.8	33.2	21.9	22.2	22.9	23.2	24.6

Maximum UGR = 34.3

POLAR GRAPH



Maximum Candela = 858.897 Located At Horizontal Angle = 0, Vertical Angle = 24.5
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (24.5) (Through Max. Cd.)