

IES INDOOR REPORT

PHOTOMETRIC FILENAME : CMH-2-00-L25-830U-L25-830D-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
[MANUFACT] H E Williams Inc
[LUMCAT] CMH-2-00-L25-830U-L25-830D-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	4958
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	116
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	20480	19085	17998
55	20359	18190	16297
65	20394	17475	14264
75	20748	16972	11296
85	21810	17196	6855

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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	742.035	742.035	742.035	742.035	742.035	742.035	742.035	742.035	742.035
0.5	743.077	744.316	742.937	745.763	740.705	744.553	739.555	739.516	739.586
1.0	745.101	746.081	745.664	746.368	740.249	743.443	737.433	737.394	737.514
1.5	747.778	748.451	746.467	747.984	740.249	741.370	736.322	734.815	733.973
2.0	750.049	751.376	748.282	748.133	739.693	739.803	734.299	732.742	731.900
2.5	753.332	753.389	750.701	748.787	739.188	738.791	732.276	731.225	729.926
3.0	755.504	756.414	752.615	748.936	738.682	737.780	730.758	728.190	727.348
3.5	758.379	759.081	754.023	750.652	738.682	735.707	728.229	726.117	725.831
4.0	762.168	761.748	756.442	750.800	737.621	733.684	727.218	723.588	722.290
4.5	763.883	763.959	758.356	750.493	737.115	733.178	724.689	721.059	719.205
5.0	764.835	766.725	760.012	752.159	736.103	730.649	721.654	718.481	716.220
5.5	768.365	768.986	760.557	752.357	734.586	728.120	720.136	715.952	714.703
6.0	770.735	770.790	762.014	752.049	733.525	727.564	718.113	713.879	711.618
6.5	772.649	774.211	763.521	751.791	732.563	725.591	715.485	710.289	708.633
7.0	774.563	776.372	764.522	751.890	732.007	723.974	712.956	707.204	705.043
7.5	776.516	778.177	765.573	751.682	729.429	721.445	709.921	704.675	701.502
8.0	780.273	779.475	766.872	750.362	727.911	718.916	707.392	701.591	697.962
8.5	783.602	781.378	768.170	751.116	727.405	717.399	704.813	698.556	694.470
9.0	788.152	783.381	769.320	750.302	724.876	714.820	701.729	694.460	690.930
9.5	790.402	785.125	770.013	750.550	723.309	711.785	698.694	691.376	689.918
10.0	792.910	787.832	770.657	749.836	721.792	709.713	696.165	688.341	684.354
10.5	795.369	789.427	771.807	749.072	719.263	707.233	693.081	684.751	681.875
11.0	796.866	790.567	772.501	747.852	718.202	704.654	689.491	682.222	678.334
11.5	798.214	792.360	772.689	746.631	715.167	701.620	686.505	678.126	673.782
12.0	799.056	793.648	773.382	746.423	713.144	700.053	683.421	674.585	669.785
12.5	801.971	795.948	773.619	745.203	711.577	695.957	679.880	671.044	666.244
13.0	803.616	797.187	773.956	743.982	709.553	693.428	676.290	666.948	661.285
13.5	804.904	798.832	774.292	743.268	706.013	690.393	673.206	662.852	658.350
14.0	807.352	799.872	774.678	742.097	704.446	686.297	668.653	658.806	653.946
14.5	809.047	800.962	773.953	740.322	701.917	683.768	665.063	654.759	649.443
15.0	809.076	801.497	774.191	739.151	698.327	680.683	661.523	650.713	644.941
15.5	810.126	802.081	774.120	736.870	695.292	677.599	657.427	646.161	642.411
16.0	810.572	803.170	773.544	734.995	692.713	674.058	654.342	642.114	636.292
16.5	812.752	804.260	774.485	734.330	690.184	670.518	650.296	638.574	633.257
17.0	815.140	803.833	774.415	732.049	687.655	666.422	646.706	633.972	630.272
17.5	815.516	805.478	773.789	729.212	684.065	663.843	642.104	630.887	625.164
18.0	816.953	805.050	773.163	728.042	680.524	658.736	637.552	626.335	621.624
18.5	818.895	805.684	772.389	725.860	676.934	655.701	635.479	623.806	617.022
19.0	818.407	806.318	772.220	724.282	673.899	651.605	631.432	619.254	612.470
19.5	820.697	806.396	770.940	722.249	670.309	648.520	626.831	614.702	607.362
20.0	821.826	806.067	770.770	719.560	667.274	644.474	624.807	610.149	602.810
20.5	822.152	806.701	769.034	717.378	664.190	640.378	620.206	605.548	597.702
21.0	822.428	806.323	768.358	714.383	659.638	636.331	615.653	600.995	593.150
21.5	823.260	806.550	767.128	712.855	656.553	634.259	611.607	595.937	588.092
22.0	824.339	806.370	765.947	710.871	652.507	629.201	607.005	591.385	582.984
22.5	824.962	806.190	764.716	708.282	648.411	625.561	602.403	586.833	578.432
23.0	824.525	806.467	763.535	705.643	644.821	620.503	597.851	581.775	573.324
23.5	824.642	805.930	762.810	701.993	640.268	618.480	593.249	576.717	568.266
24.0	825.216	805.849	761.123	700.058	637.234	614.384	588.647	572.115	562.703
24.5	825.542	805.669	759.942	697.112	632.632	609.831	584.095	567.106	558.150
25.0	824.856	805.539	757.750	694.979	631.114	605.180	579.493	561.999	553.043
25.5	823.664	804.397	756.569	692.390	627.524	600.628	574.941	556.941	547.479
26.0	823.990	804.118	754.882	688.284	623.983	596.026	569.833	552.388	542.877
26.5	823.354	802.827	753.245	685.140	619.382	591.474	565.232	547.330	537.264

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CANDELA TABULATION - (Cont.)

27.0	822.212	802.042	752.163	682.551	614.780	586.822	560.174	542.272	532.206
27.5	822.181	801.764	749.107	679.962	610.684	582.270	555.572	537.164	527.098
28.0	822.507	800.473	747.112	675.300	606.132	577.162	550.970	532.106	521.534
28.5	821.167	799.182	745.574	673.167	602.085	572.610	545.912	527.048	516.426
29.0	820.075	798.904	744.036	669.061	597.027	568.008	540.854	521.484	511.368
29.5	819.845	796.601	742.091	664.855	592.425	562.950	535.746	516.426	506.057
30.0	819.457	795.212	740.047	662.217	587.823	557.793	531.194	511.319	500.799
30.5	818.166	794.070	738.003	658.616	583.271	553.241	526.086	506.210	495.740
31.0	817.986	793.285	736.008	654.917	578.719	548.133	521.028	501.101	490.481
31.5	816.894	792.401	732.953	653.290	574.117	543.075	515.970	496.094	485.272
32.0	815.197	791.111	731.464	649.084	569.059	538.473	510.863	490.883	480.263
32.5	815.523	789.314	728.865	646.952	564.457	533.366	505.754	485.825	474.954
33.0	812.764	788.579	726.721	643.351	559.905	528.308	500.645	480.515	469.643
33.5	813.239	786.227	724.072	639.195	554.797	523.200	495.587	475.406	464.535
34.0	812.553	784.481	720.918	635.545	549.739	518.142	490.480	470.399	459.225
34.5	810.955	782.684	717.763	631.339	544.632	513.540	485.371	465.189	454.066
35.0	809.059	780.888	715.669	627.183	539.574	508.330	480.363	460.081	449.058
35.5	807.868	779.647	713.477	623.533	535.021	503.223	475.356	454.921	443.798
36.0	805.962	776.839	710.421	619.377	529.963	498.114	470.247	449.863	438.538
36.5	804.870	775.043	708.278	615.221	524.399	493.007	464.937	444.906	433.329
37.0	803.123	773.802	704.568	611.016	519.292	488.050	459.980	439.698	428.068
37.5	801.574	771.043	701.364	606.860	514.234	482.790	454.922	434.437	423.112
38.0	800.938	768.741	699.320	602.704	509.176	477.682	449.763	429.480	417.752
38.5	797.773	766.994	695.153	598.548	504.017	472.472	444.705	424.322	412.441
39.0	796.224	765.753	692.455	593.886	498.757	467.465	439.546	419.264	407.282
39.5	794.021	762.945	692.841	589.681	493.648	462.357	434.589	414.105	402.173
40.0	793.435	761.198	689.735	585.525	488.388	457.096	429.582	409.048	397.216
40.5	790.369	759.353	686.630	580.863	483.129	451.989	424.373	403.989	392.107
41.0	788.067	756.693	683.426	576.658	478.020	446.880	419.315	398.881	386.900
41.5	785.506	754.391	680.321	572.095	472.658	441.570	414.155	393.924	381.891
42.0	784.870	752.545	676.611	567.989	467.449	436.713	409.098	388.766	376.885
42.5	782.766	750.293	673.456	563.882	462.188	431.555	403.990	383.607	371.927
43.0	780.156	746.473	670.202	559.875	456.929	426.345	398.932	378.751	366.668
43.5	778.915	744.677	667.097	555.312	451.416	421.135	393.722	373.542	361.761
44.0	776.256	742.374	663.486	550.749	446.256	416.028	388.512	368.434	356.956
44.5	774.152	740.122	659.726	546.137	440.895	410.970	383.404	363.427	351.949
45.0	772.603	738.325	656.621	541.981	435.634	405.609	378.346	358.268	347.043
45.5	769.290	735.061	652.960	537.421	430.375	400.449	373.086	353.311	341.885
46.0	769.060	732.809	649.300	532.911	425.014	395.239	368.028	348.303	336.928
46.5	765.994	731.518	646.145	528.349	419.702	390.081	362.818	343.196	332.173
47.0	764.852	730.733	642.485	523.687	414.189	384.922	357.709	338.288	327.369
47.5	763.155	728.629	638.774	519.276	408.727	379.661	352.602	333.231	322.261
48.0	761.100	725.673	635.263	514.865	403.314	374.250	347.593	328.426	317.304
48.5	757.787	723.013	631.453	510.404	398.003	368.990	342.384	323.420	312.397
49.0	755.732	720.205	627.842	505.791	392.694	363.780	337.276	318.564	307.390
49.5	753.727	717.397	624.132	501.178	387.332	358.671	332.268	313.659	302.635
50.0	754.004	715.194	620.422	496.667	381.920	353.463	327.262	308.752	297.628
50.5	750.382	712.386	616.811	492.007	376.558	348.101	322.103	304.098	292.773
51.0	749.697	709.678	613.200	487.497	371.247	342.942	317.095	299.142	287.868
51.5	747.186	706.919	608.984	482.834	365.936	337.631	311.987	294.236	283.113
52.0	744.675	703.605	605.225	477.971	360.524	332.522	307.080	289.432	278.460
52.5	742.522	700.847	601.614	473.410	355.213	327.364	302.074	284.627	273.604
53.0	739.862	697.989	597.447	468.647	349.852	322.104	297.016	279.821	268.698
53.5	737.203	695.280	593.687	463.936	344.642	316.793	291.958	275.067	263.792
54.0	734.742	692.423	589.774	459.123	339.231	311.684	286.950	270.160	259.442
54.5	732.082	689.307	585.709	454.258	334.021	306.626	281.994	265.457	254.638

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CANDELA TABULATION - (Cont.)

55.0	729.522	686.450	581.847	449.547	328.710	301.367	276.987	260.602	249.782
55.5	726.912	683.136	578.034	444.633	323.450	296.057	272.031	255.797	245.128
56.0	724.352	680.378	574.071	439.871	318.088	290.947	267.124	251.194	240.223
56.5	721.891	677.064	569.955	434.905	312.776	285.738	262.016	246.237	235.721
57.0	719.281	674.355	565.892	429.991	307.416	280.629	257.260	241.686	231.269
57.5	716.165	671.091	561.976	425.077	302.154	275.320	252.406	236.779	226.364
58.0	713.407	667.727	557.963	420.011	296.692	270.159	247.398	232.176	221.660
58.5	710.946	664.463	553.850	415.097	291.331	265.051	242.593	227.472	216.905
59.0	708.336	661.298	549.584	410.031	285.868	259.893	237.788	222.718	212.404
59.5	705.270	657.885	545.618	404.965	280.355	254.683	233.033	218.115	207.801
60.0	701.956	654.571	541.352	400.052	274.943	249.423	228.279	213.462	203.147
60.5	698.940	651.307	537.389	395.138	269.581	244.264	223.424	208.859	198.494
61.0	696.330	647.991	533.274	390.325	264.270	239.054	218.568	204.205	193.891
61.5	693.165	644.678	529.160	385.360	258.858	233.996	213.712	199.552	189.238
62.0	689.494	641.161	524.843	380.294	253.546	228.788	209.059	194.899	184.786
62.5	686.378	637.694	520.776	375.330	248.083	223.679	204.203	190.195	180.082
63.0	683.262	634.378	516.714	370.366	242.823	218.418	199.349	185.593	175.581
63.5	680.147	630.710	512.600	365.400	237.461	213.209	194.593	181.039	170.927
64.0	677.081	627.144	508.283	360.436	232.100	208.252	189.788	176.335	166.578
64.5	673.459	623.627	504.219	355.472	226.790	203.093	184.881	171.732	162.379
65.0	669.991	620.111	499.752	350.305	221.428	198.034	179.975	167.180	157.675
65.5	666.474	616.393	495.636	345.190	216.016	192.875	175.271	162.577	153.224
66.0	663.054	612.572	491.471	340.226	210.755	187.717	170.365	158.076	148.874
66.5	659.836	608.905	487.054	335.212	205.495	182.558	165.662	153.422	144.524
67.0	656.214	605.237	482.939	330.197	200.234	177.500	161.058	148.971	140.326
67.5	652.695	601.568	478.520	325.030	194.973	172.543	156.354	144.469	135.926
68.0	649.225	597.750	474.205	319.915	189.460	167.636	151.600	140.018	131.424
68.5	645.553	593.930	469.940	314.850	184.149	162.477	146.846	135.567	126.973
69.0	642.339	590.162	465.471	309.887	178.940	157.571	142.142	131.116	122.876
69.5	638.717	586.494	461.306	304.973	173.730	152.513	137.690	126.766	118.627
70.0	635.297	582.672	456.839	300.060	168.469	147.607	133.088	122.416	114.377
70.5	631.776	578.803	452.522	295.095	163.261	142.600	128.536	117.965	109.978
71.0	628.357	574.982	448.156	289.983	157.999	137.744	123.983	113.767	105.729
71.5	624.885	571.162	443.589	285.070	153.042	132.889	119.533	109.569	101.531
72.0	621.117	567.092	439.322	280.308	147.882	128.033	115.081	105.371	97.685
72.5	617.544	563.372	434.956	275.446	142.370	123.228	110.681	101.324	93.386
73.0	613.826	559.452	430.690	270.735	137.412	118.524	106.381	97.075	89.340
73.5	610.203	555.431	426.376	265.872	132.304	113.971	102.031	92.928	85.192
74.0	606.631	551.561	421.910	261.011	127.296	109.369	97.732	88.981	81.248
74.5	602.761	547.493	417.592	256.201	122.440	104.816	93.534	84.986	77.555
75.0	599.089	543.623	413.078	251.539	117.533	100.264	89.386	81.041	73.560
75.5	595.318	539.602	408.764	246.679	112.727	95.813	85.237	76.995	69.765
76.0	591.497	535.733	404.651	241.919	107.922	91.463	81.040	73.201	66.073
76.5	587.671	531.662	400.237	237.408	103.117	87.164	76.893	69.256	62.432
77.0	583.800	527.845	395.923	232.599	98.462	82.864	73.047	65.564	59.042
77.5	579.928	523.826	391.610	228.139	93.708	78.615	69.053	61.821	55.501
78.0	576.158	519.958	387.447	223.582	89.257	74.367	65.158	58.229	52.062
78.5	572.083	515.941	383.333	219.274	84.755	70.219	61.314	54.688	48.622
79.0	568.264	511.822	379.121	214.718	80.404	66.223	57.520	51.147	45.132
79.5	564.392	507.955	375.008	210.311	76.004	62.278	53.827	47.606	41.946
80.0	560.422	504.038	370.848	205.957	71.653	58.433	50.236	44.268	38.708
80.5	556.451	500.073	366.686	201.853	67.454	54.589	46.695	40.930	35.572
81.0	552.732	496.256	362.827	197.749	63.407	50.846	43.255	37.693	32.335
81.5	548.911	492.137	358.819	193.647	59.462	47.253	39.865	34.506	29.199
82.0	545.041	488.322	354.960	189.545	55.567	43.713	36.478	31.370	26.267
82.5	541.571	484.861	351.154	185.593	51.672	40.324	33.341	28.486	23.483

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CANDELA TABULATION - (Cont.)

83.0	537.804	481.145	347.247	181.894	47.929	36.884	30.205	25.552	20.600
83.5	534.239	477.379	343.441	178.244	44.338	33.545	27.220	22.669	17.819
84.0	530.772	473.817	339.837	174.598	40.848	30.358	24.287	19.887	15.086
84.5	527.204	470.154	336.184	170.951	37.408	27.273	21.302	17.105	12.558
85.0	523.839	466.441	332.581	167.507	34.070	24.289	18.470	14.526	10.281
85.5	520.523	463.029	328.826	164.062	30.782	21.304	15.737	12.047	8.258
86.0	517.210	459.766	325.223	160.769	27.596	18.421	13.107	9.822	6.791
86.5	514.143	456.800	321.973	157.476	24.510	15.638	10.578	8.101	5.778
87.0	511.324	454.729	318.767	154.435	21.577	12.907	8.353	6.735	5.121
87.5	509.297	453.154	316.360	151.294	18.643	10.276	6.784	5.874	4.715
88.0	508.316	452.424	314.644	148.202	15.659	7.696	5.671	5.267	4.511
88.5	507.577	451.889	313.571	145.506	12.675	5.572	5.063	4.812	4.259
89.0	507.139	451.756	313.297	143.654	9.639	4.560	4.709	4.659	4.207
89.5	507.050	451.671	313.071	143.040	7.057	4.205	4.557	4.507	4.157
90.0	507.108	451.636	313.097	143.076	6.036	4.104	4.505	4.506	4.206
90.5	506.718	451.754	313.126	143.363	7.170	4.103	4.504	4.505	4.154
91.0	506.930	452.124	313.505	144.710	9.646	4.151	4.454	4.555	4.154
91.5	507.042	452.797	314.338	147.069	12.618	4.944	4.503	4.504	4.104
92.0	507.658	453.872	316.231	149.884	15.492	6.380	4.652	4.454	4.203
92.5	508.324	455.703	318.831	152.700	18.265	8.708	5.047	4.602	4.302
93.0	509.698	457.992	321.934	155.965	21.038	11.433	6.038	4.801	4.649
93.5	511.475	460.883	325.240	158.879	23.911	14.157	7.722	5.344	5.441
94.0	514.111	464.179	328.643	162.192	26.933	16.932	10.001	6.434	6.977
94.5	517.302	467.525	331.844	165.456	30.005	19.606	12.627	8.169	9.107
95.0	520.643	471.120	335.597	168.717	33.175	22.528	15.301	10.249	11.484
95.5	523.985	474.765	339.199	172.129	36.445	25.502	18.075	12.775	14.210
96.0	527.477	478.158	342.749	175.639	39.814	28.473	21.049	15.501	16.885
96.5	530.869	481.652	346.401	179.300	43.280	31.594	23.971	18.225	19.758
97.0	534.309	485.197	350.052	183.009	46.847	34.715	26.993	21.098	22.681
97.5	537.850	488.838	353.753	186.717	50.564	38.034	30.065	24.121	25.555
98.0	541.288	492.480	357.456	190.673	54.229	41.403	33.136	27.044	28.476
98.5	544.926	496.221	361.356	194.680	58.143	44.871	36.355	30.114	31.648
99.0	548.515	500.012	365.256	198.634	62.205	48.586	39.675	33.235	34.818
99.5	552.104	503.703	369.205	202.789	66.267	52.252	43.093	36.506	38.139
100.0	555.691	507.493	373.254	206.992	70.428	56.116	46.511	39.776	41.308
100.5	559.280	511.332	377.251	211.196	74.688	59.980	50.078	43.045	44.677
101.0	563.067	515.072	381.349	215.548	79.049	63.844	53.794	46.414	47.996
101.5	566.555	518.809	385.394	219.850	83.457	68.007	57.460	49.832	51.513
102.0	570.341	522.701	389.639	224.252	87.965	71.869	61.275	53.349	55.131
102.5	573.977	526.440	393.734	228.603	92.473	76.229	65.089	56.966	58.698
103.0	577.716	530.278	397.879	233.005	97.180	81.381	69.003	60.582	62.363
103.5	581.451	534.068	402.073	237.505	101.936	85.642	72.966	64.298	65.980
104.0	585.191	537.855	406.318	242.105	106.593	89.257	76.929	68.064	69.844
104.5	588.825	541.844	410.510	246.604	111.349	93.816	81.090	71.927	73.708
105.0	592.662	545.583	414.655	251.104	116.303	98.175	85.203	75.841	77.622
105.5	595.950	549.421	418.947	255.704	121.208	102.783	89.364	79.755	81.535
106.0	599.734	553.259	423.091	260.352	126.161	107.935	93.625	83.718	85.549
106.5	603.272	556.947	427.234	265.051	131.265	113.285	97.935	87.732	89.511
107.0	606.958	560.736	431.427	269.601	136.268	117.199	102.195	91.843	93.822
107.5	610.644	564.573	435.571	274.300	141.371	121.409	106.654	95.905	97.835
108.0	614.181	568.311	439.865	279.097	146.474	126.165	111.013	100.265	102.046
108.5	617.667	572.049	444.108	283.895	151.676	131.021	115.422	104.426	106.208
109.0	621.403	575.638	448.302	288.642	156.828	135.825	119.980	108.786	110.468
109.5	624.840	579.628	452.494	293.340	161.980	140.681	124.489	112.997	114.679
110.0	628.426	583.116	456.590	298.237	167.231	145.586	128.948	117.357	119.089
110.5	631.913	586.856	460.534	303.034	172.483	150.490	133.555	121.716	123.399

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CANDELA TABULATION - (Cont.)

111.0	635.450	590.346	464.677	307.832	177.783	155.445	138.162	126.126	127.808
111.5	638.889	593.985	468.872	312.730	183.084	160.399	142.720	130.585	132.019
112.0	642.177	597.626	472.964	317.576	188.385	165.403	147.426	135.043	136.279
112.5	645.714	601.217	477.158	322.522	193.835	170.505	152.182	139.452	140.639
113.0	648.901	604.807	481.303	327.368	199.086	175.608	156.839	143.861	145.098
113.5	652.389	608.348	485.395	332.414	204.387	180.761	161.644	148.419	149.655
114.0	655.725	611.737	489.488	337.261	209.837	185.814	166.549	152.927	154.114
114.5	659.013	615.227	493.582	342.157	215.088	191.016	172.394	157.585	158.572
115.0	662.103	618.769	497.676	347.103	220.439	196.169	178.636	162.192	163.131
115.5	665.244	622.259	501.719	351.999	225.839	201.420	183.095	166.700	167.540
116.0	668.630	625.501	505.864	356.895	231.239	206.572	186.167	171.307	172.345
116.5	671.672	628.993	509.757	361.793	236.539	211.724	190.427	175.914	176.854
117.0	675.058	632.484	513.951	366.738	241.940	217.074	196.076	180.621	181.561
117.5	678.050	635.675	517.894	371.585	247.439	222.178	202.417	185.129	186.018
118.0	681.042	639.115	521.888	376.531	252.690	227.528	207.469	189.886	190.676
118.5	683.882	642.309	526.082	381.377	258.140	232.781	210.939	194.393	195.283
119.0	686.924	645.402	529.978	386.324	263.541	237.933	214.803	199.249	200.040
119.5	689.966	648.990	533.970	391.170	268.940	243.035	219.559	203.905	204.498
120.0	692.857	652.235	537.915	395.967	274.440	248.237	224.414	208.661	209.453
120.5	695.798	655.378	541.859	400.665	279.791	253.539	229.318	213.368	214.010
121.0	698.739	658.471	545.854	405.561	284.992	258.691	234.173	218.174	218.668
121.5	701.731	661.716	549.700	410.308	290.442	263.793	239.028	223.871	223.325
122.0	704.177	664.859	553.645	415.205	295.841	268.947	244.082	230.362	228.081
122.5	707.219	667.406	557.440	419.952	301.142	274.049	248.937	235.909	232.886
123.0	710.211	670.651	561.335	424.699	306.493	279.301	253.892	239.576	237.642
123.5	713.202	673.693	565.281	429.397	311.893	284.404	258.846	243.985	242.546
124.0	715.699	676.392	569.225	434.095	317.144	289.606	263.850	249.733	249.136
124.5	718.691	679.484	573.018	438.892	322.545	294.858	268.804	254.587	257.707
125.0	721.288	682.678	576.965	443.638	327.796	299.861	273.857	257.857	263.205
125.5	723.734	685.327	580.859	448.386	333.196	305.063	278.812	261.326	265.782
126.0	726.675	688.470	584.507	452.935	338.447	310.215	283.816	265.932	266.674
126.5	729.121	691.219	588.399	457.583	343.699	315.269	288.720	270.689	270.835
127.0	731.718	694.363	592.543	462.232	349.050	320.520	293.674	275.495	275.591
127.5	734.265	697.011	596.092	466.731	354.351	325.623	298.679	280.251	280.398
128.0	736.711	699.709	599.538	471.428	359.552	330.874	303.733	285.056	285.302
128.5	739.258	702.853	603.633	476.077	364.953	336.126	308.537	289.912	290.107
129.0	741.805	705.552	607.181	480.626	370.303	341.229	313.740	294.865	295.012
129.5	741.773	708.200	610.729	485.225	375.604	346.381	318.842	299.672	299.916
130.0	744.371	710.848	614.823	489.824	380.855	351.533	323.895	304.477	304.822
130.5	745.927	713.496	618.320	494.472	386.108	356.785	328.949	309.282	309.776
131.0	748.373	715.598	621.868	498.971	391.458	361.938	333.853	314.138	314.630
131.5	748.989	717.902	625.417	503.520	396.858	367.040	338.857	319.092	319.536
132.0	752.870	720.055	628.965	508.020	402.158	372.143	344.009	323.997	324.589
132.5	755.467	722.157	632.513	512.520	407.559	377.345	349.013	328.901	329.491
133.0	756.579	723.966	636.061	516.920	412.910	382.448	354.215	333.707	334.399
133.5	759.024	725.623	639.609	521.469	418.112	387.651	359.218	339.256	339.303
134.0	762.562	728.817	643.107	526.068	423.363	392.852	364.371	344.111	344.357
134.5	763.623	730.970	646.159	530.567	428.664	397.905	369.474	349.066	349.211
135.0	766.119	734.164	649.707	535.167	433.965	403.206	374.476	354.069	354.415
135.5	769.212	735.771	653.255	539.170	439.267	408.408	379.630	359.123	359.219
136.0	770.222	737.974	656.652	543.770	444.518	413.610	384.634	363.927	364.273
136.5	773.709	740.177	659.806	548.218	449.720	418.613	389.687	368.932	369.076
137.0	773.779	742.775	662.808	552.768	455.021	423.864	394.790	373.837	374.331
137.5	776.670	745.473	666.407	556.872	460.175	429.118	399.694	378.740	379.285
138.0	777.731	747.131	668.317	561.270	465.373	434.168	404.694	383.643	383.933
138.5	780.773	750.325	670.925	565.324	470.378	439.271	409.799	388.847	389.238

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CANDELA TABULATION - (Cont.)

139.0	782.481	751.537	674.473	569.822	475.530	444.225	414.803	393.751	394.292
139.5	783.885	753.639	676.979	573.775	480.733	449.428	419.807	398.756	399.297
140.0	785.441	755.893	680.083	577.779	485.836	454.382	424.662	403.660	404.252
140.5	788.039	758.147	681.649	582.227	490.989	459.535	429.815	408.813	409.603
141.0	789.544	760.300	684.207	586.179	496.241	464.539	434.918	414.065	414.854
141.5	791.596	761.067	687.755	590.628	501.443	469.592	439.921	419.217	419.957
142.0	792.758	763.816	690.261	594.631	506.397	474.645	444.924	424.369	425.109
142.5	794.314	765.969	693.365	598.584	511.351	479.599	449.878	429.273	430.261
143.0	796.759	767.576	695.871	602.638	516.305	484.652	454.832	434.227	435.364
143.5	798.862	768.788	698.429	606.691	521.754	489.804	459.984	439.478	440.517
144.0	797.941	770.547	701.482	610.745	526.759	494.857	464.937	444.630	445.668
144.5	800.639	772.801	704.039	614.749	531.763	499.613	469.991	449.732	450.820
145.0	803.136	774.508	706.101	618.358	536.717	504.567	474.945	454.686	456.171
145.5	803.256	776.216	709.649	622.412	541.671	509.572	479.898	459.789	461.125
146.0	804.762	777.328	711.660	626.021	546.180	514.526	484.752	464.743	466.228
146.5	807.511	779.581	714.268	628.589	551.134	519.480	489.657	469.795	471.330
147.0	808.622	780.693	716.775	632.147	556.088	524.434	494.759	474.797	476.481
147.5	810.724	782.997	718.887	634.765	560.597	529.489	499.664	479.850	481.435
148.0	810.744	783.219	721.445	637.829	565.551	534.392	504.618	484.903	486.637
148.5	810.915	784.431	723.011	641.882	570.061	538.851	509.622	489.956	491.691
149.0	812.420	786.685	725.569	645.441	575.065	543.360	514.526	494.909	496.842
149.5	813.188	785.916	727.135	648.059	579.524	548.364	519.480	499.714	501.797
150.0	813.652	788.069	729.692	652.164	583.982	553.318	524.434	504.668	507.246
150.5	815.259	789.281	732.796	655.277	588.441	557.827	529.388	510.118	512.200
151.0	815.329	790.494	733.422	658.887	592.950	562.286	533.897	515.021	517.599
151.5	816.986	790.766	736.475	661.950	597.459	567.240	538.851	520.026	522.604
152.0	817.107	791.533	737.596	665.559	601.968	571.749	543.805	524.929	528.003
152.5	816.681	792.746	739.709	668.177	606.427	576.208	548.809	529.883	533.007
153.0	816.802	792.968	741.821	671.786	610.441	580.717	553.217	534.342	537.961
153.5	818.408	794.231	743.388	674.900	612.968	585.175	558.222	539.791	542.915
154.0	817.538	794.998	744.510	678.509	617.922	590.180	562.680	544.694	548.415
154.5	818.649	795.271	745.530	681.127	621.390	594.143	567.634	549.648	553.419
155.0	819.710	795.988	747.542	683.746	624.413	598.703	572.143	554.107	558.323
155.5	819.386	795.815	748.956	686.910	627.931	603.111	577.097	559.061	563.327
156.0	817.969	796.583	749.876	689.478	632.390	607.670	581.606	564.015	568.231
156.5	819.081	797.401	750.896	692.642	635.908	610.147	586.065	568.918	572.689
157.0	819.595	797.127	752.412	695.311	639.922	614.657	590.524	573.377	577.694
157.5	817.319	797.450	753.433	697.383	643.390	618.620	595.528	578.331	582.648
158.0	817.470	796.287	754.605	700.001	646.908	622.583	599.987	583.285	587.602
158.5	816.144	796.609	755.282	702.175	650.871	625.606	603.950	587.743	592.060
159.0	814.778	796.932	756.454	704.793	654.389	629.569	606.922	592.202	597.014
159.5	816.092	797.205	757.131	707.462	657.362	634.028	612.918	597.156	601.473
160.0	814.473	796.931	757.859	709.585	661.376	637.546	615.394	601.614	606.427
160.5	813.310	796.607	759.081	711.263	664.398	641.560	619.904	606.073	610.936
161.0	813.724	796.676	759.809	713.437	666.875	645.027	623.371	609.540	615.839
161.5	812.763	794.866	760.981	715.560	670.839	648.991	626.394	613.999	619.802
162.0	812.105	794.097	759.778	717.733	673.316	652.509	630.853	618.458	621.683
162.5	810.244	792.883	761.496	718.420	677.329	656.523	634.321	621.925	626.040
163.0	809.717	793.701	761.283	721.089	679.857	660.486	639.325	625.393	629.852
163.5	808.797	792.093	761.566	722.221	683.325	663.509	642.793	629.852	634.260
164.0	809.069	792.072	762.293	723.899	685.802	666.481	646.261	633.815	638.172
164.5	807.461	790.515	762.081	725.032	688.825	669.949	650.770	638.324	643.520
165.0	805.903	790.443	762.363	726.710	691.797	673.912	654.733	641.792	647.484
165.5	803.355	787.895	762.201	728.337	694.820	676.440	657.705	645.260	650.951
166.0	803.334	786.934	761.938	730.015	697.297	679.412	661.224	649.718	655.804
166.5	802.221	785.922	762.271	731.693	699.279	682.930	665.136	653.681	660.263

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167.0	801.007	784.910	761.614	731.441	701.806	685.407	669.150	657.200	664.226
167.5	798.853	783.009	761.451	732.674	703.838	688.380	671.627	661.709	667.694
168.0	795.415	781.553	761.289	733.907	706.315	691.403	675.641	665.672	671.707
168.5	794.899	780.389	761.127	735.191	708.792	694.375	679.655	669.686	675.620
169.0	791.906	778.680	759.974	734.443	711.320	697.348	682.081	672.658	679.037
169.5	790.399	776.829	759.812	736.121	712.755	699.329	686.044	677.117	681.959
170.0	788.892	774.928	759.154	736.414	714.242	702.352	689.067	680.089	685.922
170.5	787.435	774.068	757.557	737.202	715.778	704.829	691.595	683.607	689.441
171.0	784.391	772.268	757.940	737.546	716.769	707.306	694.122	687.075	692.463
171.5	781.995	770.468	755.797	737.890	719.297	708.843	697.145	690.644	696.427
172.0	780.690	768.223	755.736	738.678	721.329	711.320	700.118	692.626	699.298
172.5	778.344	766.029	754.138	738.526	722.764	713.797	703.090	696.589	703.210
173.0	775.058	764.229	752.641	738.425	723.806	716.274	706.062	699.561	705.141
173.5	773.308	761.984	752.186	739.315	724.746	717.264	708.539	702.038	708.660
174.0	771.457	760.234	750.194	739.214	725.241	719.741	710.521	705.061	712.077
174.5	768.565	757.049	748.799	739.112	726.778	722.218	712.947	708.033	713.563
175.0	765.673	754.855	747.403	738.071	728.264	723.705	714.929	710.460	716.485
175.5	762.832	752.762	746.058	739.062	729.205	724.645	717.456	712.987	718.467
176.0	762.073	750.719	744.764	739.011	730.246	726.677	719.883	715.515	722.480
176.5	757.948	747.787	743.520	738.567	730.691	727.668	722.906	718.043	724.017
177.0	755.804	745.947	741.387	738.567	730.792	729.154	723.401	720.469	726.494
177.5	752.619	743.166	740.791	737.576	731.732	729.649	725.878	722.451	727.930
178.0	749.636	741.478	739.749	737.576	732.228	731.136	727.314	725.473	731.943
178.5	746.462	738.404	738.263	737.080	732.228	732.622	728.800	727.404	734.370
179.0	744.328	737.363	736.281	737.080	732.723	733.117	731.327	729.386	735.361
179.5	742.296	735.432	735.291	736.090	732.723	734.108	732.318	730.923	739.374
180.0	734.593	734.593	734.593	734.593	734.593	734.593	734.593	734.593	734.593

IES INDOOR REPORT**PHOTOMETRIC FILENAME : CMH-2-00-L25-830U-L25-830D-DMA-DIM-UNV_.IES****ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	272.74	N.A.	5.50
0-30	579.36	N.A.	11.70
0-40	950.36	N.A.	19.20
0-60	1721.32	N.A.	34.70
0-80	2305.36	N.A.	46.50
0-90	2488.81	N.A.	50.20
10-90	2418.36	N.A.	48.80
20-40	677.63	N.A.	13.70
20-50	1071.00	N.A.	21.60
40-70	1099.21	N.A.	22.20
60-80	584.04	N.A.	11.80
70-80	255.78	N.A.	5.20
80-90	183.46	N.A.	3.70
90-110	437.59	N.A.	8.80
90-120	763.53	N.A.	15.40
90-130	1138.45	N.A.	23.00
90-150	1896.48	N.A.	38.20
90-180	2469.4	N.A.	49.80
110-180	2031.81	N.A.	41.00
0-180	4958.21	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	70.46
10-20	202.28
20-30	306.62
30-40	371.00
40-50	393.38
50-60	377.58
60-70	328.25
70-80	255.78
80-90	183.46
90-100	183.19
100-110	254.40
110-120	325.94
120-130	374.91
130-140	390.37
140-150	367.66
150-160	303.35
160-170	199.90
170-180	69.67

IES INDOOR REPORT

PHOTOMETRIC FILENAME : CMH-2-00-L25-830U-L25-830D-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	45	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-L25-830U-L25-830D-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

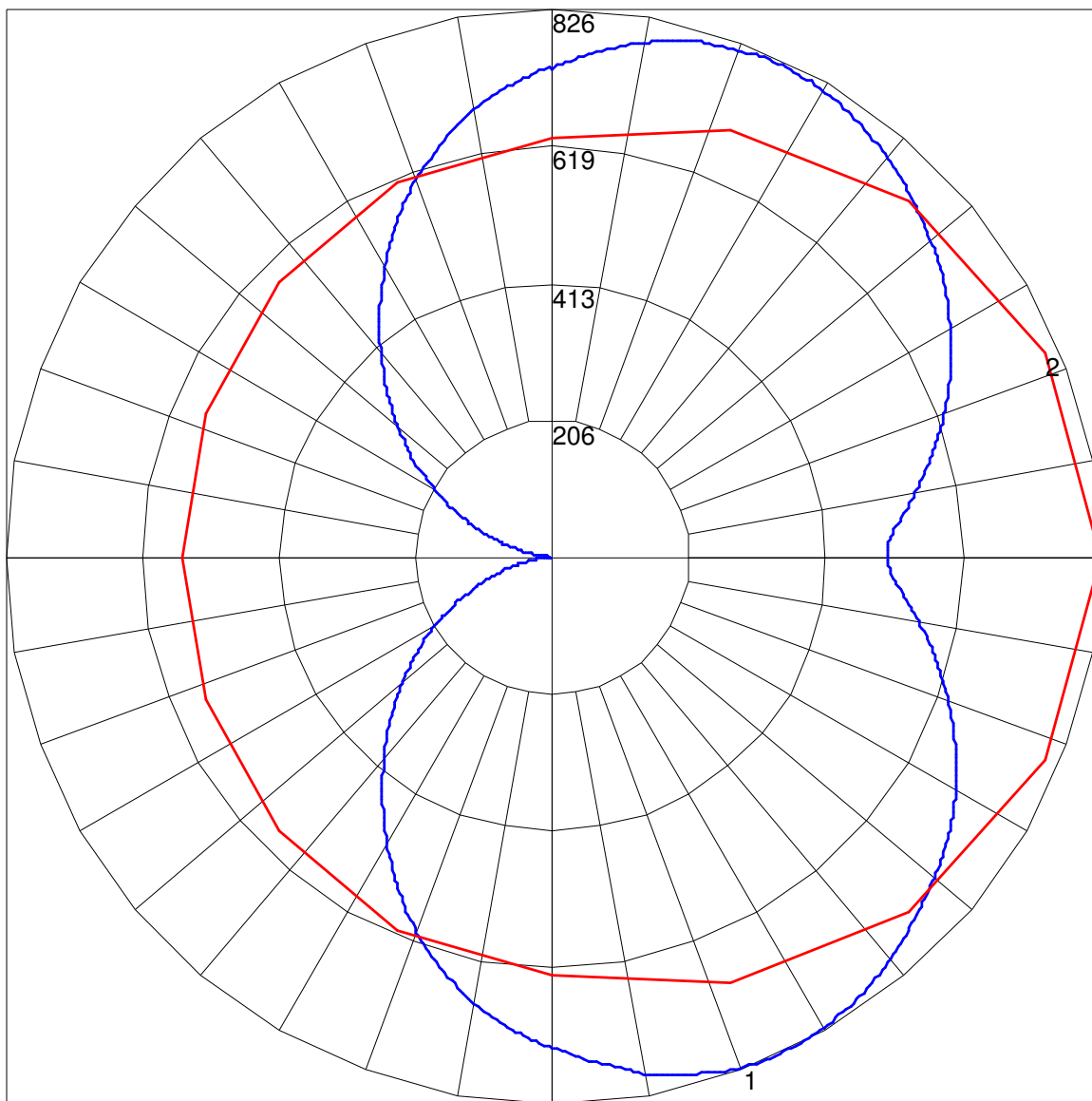
X=2H	Y=2H	21.7	22.6	22.6	23.5	24.8	15.8	16.7	16.7	17.6	18.9
	3H	24.7	25.5	25.7	26.5	27.8	17.1	18.0	18.1	18.9	20.2
	4H	26.3	27.0	27.2	28.0	29.3	17.6	18.3	18.5	19.3	20.6
	6H	27.9	28.6	28.9	29.6	30.9	17.8	18.5	18.8	19.5	20.8
	8H	28.7	29.4	29.7	30.4	31.8	17.8	18.5	18.8	19.5	20.9
	12H	29.7	30.3	30.7	31.3	32.7	17.9	18.5	18.8	19.5	20.9

UGR Viewed Endwise

4H	2H	21.9	22.7	22.9	23.7	25.0	17.0	17.8	18.0	18.8	20.1
	3H	25.2	25.9	26.2	26.9	28.2	18.6	19.3	19.6	20.3	21.6
	4H	26.9	27.6	27.9	28.6	29.9	19.2	19.8	20.2	20.8	22.2
	6H	28.8	29.3	29.8	30.4	31.7	19.6	20.1	20.6	21.2	22.5
	8H	29.8	30.3	30.8	31.3	32.6	19.7	20.2	20.7	21.2	22.6
	12H	30.8	31.3	31.8	32.3	33.6	19.7	20.2	20.8	21.2	22.6
8H	4H	27.1	27.6	28.1	28.6	30.0	20.3	20.8	21.3	21.8	23.2
	6H	29.1	29.5	30.1	30.6	31.9	20.9	21.3	21.9	22.4	23.7
	8H	30.2	30.6	31.3	31.6	33.0	21.2	21.5	22.2	22.6	23.9
	12H	31.4	31.8	32.5	32.8	34.2	21.3	21.6	22.3	22.7	24.1
12H	4H	27.1	27.5	28.1	28.5	29.9	20.6	21.1	21.7	22.1	23.5
	6H	29.1	29.5	30.2	30.5	31.9	21.4	21.8	22.5	22.9	24.2
	8H	30.3	30.6	31.3	31.7	33.1	21.8	22.1	22.8	23.1	24.5

Maximum UGR = 34.2

POLAR GRAPH



Maximum Candela = 825.542 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.)