

IES INDOOR REPORT

PHOTOMETRIC FILENAME : CMH-2-00-L25-850U-L25-850D-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-L25-850U-L25-850D-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	5309
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	124
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	21928	20435	19271
55	21798	19476	17449
65	21836	18711	15273
75	22215	18172	12095
85	23352	18412	7340

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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	794.502	794.502	794.502	794.502	794.502	794.502	794.502	794.502	794.502
0.5	795.618	796.944	795.468	798.494	793.078	797.198	791.847	791.805	791.880
1.0	797.785	798.834	798.388	799.141	792.590	796.009	789.575	789.533	789.661
1.5	800.652	801.372	799.247	800.872	792.590	793.790	788.385	786.772	785.870
2.0	803.083	804.504	801.190	801.031	791.995	792.112	786.219	784.552	783.651
2.5	806.598	806.659	803.781	801.732	791.453	791.029	784.053	782.928	781.537
3.0	808.923	809.897	805.830	801.891	790.912	789.946	782.428	779.678	778.777
3.5	812.002	812.753	807.338	803.728	790.912	787.727	779.720	777.459	777.152
4.0	816.058	815.609	809.928	803.887	789.776	785.560	778.637	774.751	773.361
4.5	817.895	817.976	811.977	803.558	789.234	785.019	775.929	772.043	770.058
5.0	818.914	820.938	813.750	805.342	788.151	782.311	772.680	769.282	766.862
5.5	822.694	823.359	814.333	805.554	786.526	779.603	771.055	766.574	765.237
6.0	825.232	825.291	815.894	805.224	785.390	779.008	768.889	764.355	761.935
6.5	827.281	828.953	817.508	804.948	784.360	776.895	766.075	760.511	758.738
7.0	829.330	831.267	818.580	805.054	783.765	775.164	763.367	757.209	754.894
7.5	831.421	833.199	819.705	804.831	781.004	772.456	760.118	754.501	751.103
8.0	835.444	834.590	821.095	803.418	779.380	769.749	757.410	751.198	747.312
8.5	839.009	836.627	822.485	804.225	778.838	768.124	754.649	747.949	743.574
9.0	843.880	838.771	823.716	803.354	776.130	765.363	751.346	743.563	739.783
9.5	846.289	840.639	824.459	803.619	774.452	762.114	748.097	740.261	738.700
10.0	848.975	843.537	825.148	802.854	772.828	759.894	745.389	737.011	732.743
10.5	851.607	845.245	826.379	802.036	770.120	757.239	742.087	733.167	730.088
11.0	853.210	846.465	827.122	800.730	768.984	754.479	738.243	730.460	726.297
11.5	854.653	848.386	827.323	799.424	765.734	751.229	735.046	726.074	721.423
12.0	855.555	849.765	828.066	799.200	763.568	749.551	731.744	722.283	717.144
12.5	858.676	852.227	828.320	797.894	761.890	745.166	727.953	718.492	713.353
13.0	860.437	853.553	828.680	796.587	759.724	742.458	724.109	714.106	708.043
13.5	861.816	855.315	829.040	795.822	755.933	739.208	720.806	709.721	704.900
14.0	864.438	856.429	829.453	794.569	754.255	734.823	715.932	705.388	700.185
14.5	866.252	857.596	828.677	792.668	751.547	732.115	712.088	701.056	695.363
15.0	866.283	858.168	828.931	791.414	747.703	728.812	708.297	696.723	690.542
15.5	867.408	858.793	828.856	788.972	744.454	725.510	703.911	691.849	687.835
16.0	867.886	859.960	828.239	786.965	741.693	721.719	700.609	687.516	681.283
16.5	870.219	861.127	829.247	786.253	738.985	717.928	696.276	683.725	678.033
17.0	872.777	860.669	829.171	783.810	736.277	713.542	692.432	678.798	674.837
17.5	873.179	862.431	828.502	780.773	732.433	710.782	687.505	675.496	669.368
18.0	874.717	861.973	827.832	779.520	728.642	705.313	682.631	670.621	665.577
18.5	876.797	862.652	827.002	777.183	724.798	702.063	680.412	667.914	660.650
19.0	876.275	863.330	826.821	775.494	721.549	697.678	676.079	663.039	655.776
19.5	878.726	863.414	825.450	773.317	717.705	694.375	671.152	658.165	650.307
20.0	879.935	863.062	825.269	770.438	714.455	690.043	668.986	653.291	645.433
20.5	880.284	863.740	823.410	768.102	711.153	685.657	664.058	648.364	639.964
21.0	880.580	863.336	822.687	764.894	706.279	681.325	659.184	643.490	635.090
21.5	881.470	863.579	821.369	763.259	702.976	679.105	654.852	638.074	629.674
22.0	882.626	863.386	820.105	761.134	698.644	673.689	649.925	633.200	624.205
22.5	883.293	863.194	818.787	758.362	694.258	669.792	644.997	628.326	619.331
23.0	882.824	863.490	817.522	755.537	690.414	664.377	640.123	622.910	613.863
23.5	882.950	862.914	816.746	751.629	685.540	662.210	635.196	617.494	608.447
24.0	883.564	862.828	814.940	749.557	682.290	657.825	630.269	612.567	602.490
24.5	883.913	862.635	813.676	746.403	677.363	652.951	625.395	607.205	597.615
25.0	883.179	862.496	811.328	744.119	675.739	647.970	620.468	601.736	592.147
25.5	881.903	861.273	810.063	741.347	671.894	643.096	615.593	596.320	586.189
26.0	882.252	860.975	808.257	736.951	668.103	638.169	610.125	591.446	581.262
26.5	881.571	859.593	806.504	733.584	663.176	633.295	605.197	586.030	575.252

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CANDELA TABULATION - (Cont.)

27.0	880.349	858.753	805.346	730.812	658.249	628.315	599.782	580.615	569.836
27.5	880.315	858.454	802.074	728.040	653.864	623.441	594.855	575.146	564.367
28.0	880.664	857.072	799.938	723.049	648.989	617.972	589.927	569.730	558.410
28.5	879.229	855.690	798.292	720.765	644.657	613.098	584.512	564.314	552.941
29.0	878.060	855.392	796.644	716.368	639.241	608.171	579.096	558.357	547.526
29.5	877.814	852.927	794.562	711.865	634.314	602.755	573.627	552.941	541.839
30.0	877.398	851.439	792.373	709.040	629.387	597.233	568.753	547.473	536.209
30.5	876.016	850.216	790.185	705.185	624.513	592.359	563.284	542.003	530.792
31.0	875.824	849.376	788.049	701.224	619.638	586.890	557.869	536.533	525.161
31.5	874.654	848.430	784.778	699.482	614.711	581.474	552.453	531.171	519.584
32.0	872.837	847.048	783.184	694.979	609.296	576.547	546.984	525.592	514.221
32.5	873.186	845.124	780.400	692.696	604.368	571.078	541.514	520.176	508.537
33.0	870.232	844.337	778.106	688.840	599.494	565.663	536.044	514.491	502.851
33.5	870.741	841.819	775.270	684.391	594.025	560.194	530.629	509.021	497.381
34.0	870.006	839.949	771.892	680.482	588.610	554.778	525.160	503.660	491.695
34.5	868.295	838.026	768.514	675.979	583.141	549.851	519.690	498.081	486.171
35.0	866.266	836.102	766.272	671.530	577.725	544.273	514.328	492.611	480.810
35.5	864.990	834.774	763.925	667.621	572.851	538.804	508.967	487.087	475.177
36.0	862.949	831.767	760.653	663.172	567.435	533.334	503.497	481.672	469.546
36.5	861.780	829.844	758.358	658.722	561.478	527.866	497.812	476.364	463.968
37.0	859.909	828.515	754.386	654.219	556.009	522.558	492.504	470.787	458.336
37.5	858.251	825.561	750.955	649.769	550.594	516.927	487.089	465.155	453.029
38.0	857.570	823.096	748.766	645.319	545.178	511.457	481.565	459.848	447.290
38.5	854.181	821.226	744.305	640.870	539.655	505.879	476.149	454.325	441.603
39.0	852.523	819.897	741.416	635.878	534.023	500.518	470.625	448.909	436.079
39.5	850.164	816.891	741.829	631.375	528.553	495.049	465.317	443.385	430.609
40.0	849.536	815.021	738.505	626.926	522.921	489.416	459.957	437.970	425.302
40.5	846.253	813.044	735.180	621.934	517.289	483.947	454.379	432.553	419.832
41.0	843.788	810.197	731.749	617.431	511.819	478.478	448.963	427.085	414.256
41.5	841.047	807.732	728.424	612.546	506.079	472.792	443.439	421.777	408.894
42.0	840.366	805.755	724.452	608.149	500.501	467.592	438.024	416.254	403.533
42.5	838.113	803.344	721.074	603.753	494.868	462.069	432.555	410.730	398.225
43.0	835.319	799.254	717.590	599.462	489.237	456.491	427.139	405.531	392.594
43.5	833.990	797.330	714.265	594.577	483.334	450.913	421.561	399.954	387.340
44.0	831.143	794.866	710.399	589.691	477.810	445.444	415.983	394.484	382.195
44.5	828.890	792.454	706.373	584.753	472.069	440.028	410.514	389.124	376.835
45.0	827.232	790.530	703.049	580.303	466.437	434.289	405.098	383.600	371.582
45.5	823.684	787.035	699.129	575.420	460.806	428.764	399.466	378.293	366.059
46.0	823.438	784.623	695.210	570.591	455.065	423.185	394.050	372.931	360.751
46.5	820.155	783.242	691.832	565.707	449.377	417.663	388.472	367.462	355.660
47.0	818.933	782.401	687.913	560.716	443.475	412.138	383.002	362.208	350.517
47.5	817.115	780.149	683.940	555.993	437.626	406.506	377.533	356.793	345.047
48.0	814.916	776.983	680.180	551.270	431.832	400.712	372.171	351.648	339.739
48.5	811.367	774.136	676.102	546.493	426.145	395.080	366.593	346.288	334.486
49.0	809.168	771.129	672.235	541.554	420.460	389.502	361.124	341.089	329.125
49.5	807.021	768.123	668.263	536.615	414.719	384.032	355.762	335.837	324.034
50.0	807.317	765.764	664.290	531.785	408.924	378.455	350.402	330.583	318.672
50.5	803.440	762.757	660.424	526.795	403.184	372.714	344.878	325.600	313.474
51.0	802.705	759.857	656.558	521.966	397.497	367.190	339.516	320.294	308.222
51.5	800.017	756.903	652.044	516.974	391.811	361.504	334.046	315.040	303.131
52.0	797.329	753.355	648.018	511.767	386.016	356.034	328.793	309.897	298.149
52.5	795.023	750.402	644.152	506.884	380.329	350.511	323.432	304.752	292.950
53.0	792.176	747.342	639.691	501.784	374.589	344.879	318.017	299.607	287.697
53.5	789.328	744.442	635.664	496.740	369.010	339.192	312.601	294.516	282.444
54.0	786.693	741.382	631.475	491.586	363.217	333.722	307.240	289.263	277.786
54.5	783.846	738.046	627.123	486.378	357.639	328.307	301.933	284.227	272.643

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CANDELA TABULATION - (Cont.)

55.0	781.104	734.987	622.988	481.333	351.952	322.675	296.572	279.028	267.443
55.5	778.310	731.439	618.905	476.071	346.320	316.990	291.265	273.883	262.461
56.0	775.569	728.485	614.662	470.973	340.579	311.519	286.011	268.955	257.208
56.5	772.934	724.937	610.255	465.656	334.892	305.942	280.542	263.647	252.388
57.0	770.139	722.037	605.905	460.394	329.152	300.471	275.450	258.774	247.621
57.5	766.803	718.542	601.712	455.133	323.519	294.787	270.252	253.521	242.369
58.0	763.850	714.941	597.415	449.708	317.671	289.262	264.891	248.593	237.333
58.5	761.215	711.445	593.011	444.447	311.930	283.792	259.746	243.556	232.242
59.0	758.420	708.057	588.443	439.023	306.081	278.269	254.601	238.466	227.422
59.5	755.137	704.402	584.197	433.599	300.178	272.691	249.510	233.537	222.494
60.0	751.589	700.854	579.630	428.338	294.383	267.059	244.419	228.555	217.511
60.5	748.360	697.359	575.386	423.077	288.642	261.535	239.222	223.627	212.529
61.0	745.565	693.809	570.981	417.923	282.956	255.957	234.022	218.644	207.600
61.5	742.176	690.261	566.575	412.608	277.161	250.541	228.823	213.662	202.618
62.0	738.246	686.496	561.953	407.184	271.474	244.964	223.841	208.680	197.852
62.5	734.910	682.783	557.599	401.868	265.625	239.495	218.642	203.644	192.816
63.0	731.574	679.233	553.250	396.553	259.992	233.862	213.444	198.715	187.996
63.5	728.238	675.306	548.844	391.237	254.252	228.284	208.352	193.840	183.013
64.0	724.955	671.487	544.222	385.922	248.511	222.977	203.207	188.803	178.357
64.5	721.078	667.722	539.871	380.606	242.826	217.453	197.954	183.875	173.861
65.0	717.364	663.958	535.088	375.075	237.085	212.037	192.701	179.001	168.824
65.5	713.598	659.976	530.681	369.597	231.290	206.513	187.664	174.073	164.058
66.0	709.937	655.885	526.221	364.283	225.657	200.990	182.411	169.253	159.401
66.5	706.491	651.959	521.493	358.913	220.025	195.466	177.375	164.270	154.743
67.0	702.613	648.031	517.086	353.544	214.392	190.050	172.446	159.504	150.248
67.5	698.845	644.103	512.355	348.012	208.758	184.743	167.409	154.685	145.536
68.0	695.130	640.015	507.735	342.536	202.856	179.490	162.320	149.919	140.716
68.5	691.198	635.925	503.168	337.112	197.170	173.966	157.229	145.153	135.951
69.0	687.756	631.890	498.383	331.798	191.592	168.712	152.192	140.387	131.564
69.5	683.879	627.963	493.923	326.537	186.014	163.297	147.425	135.730	127.015
70.0	680.217	623.871	489.141	321.276	180.381	158.043	142.498	131.072	122.464
70.5	676.447	619.728	484.519	315.961	174.804	152.683	137.624	126.306	117.754
71.0	672.786	615.638	479.843	310.486	169.171	147.484	132.750	121.811	113.205
71.5	669.069	611.547	474.954	305.227	163.863	142.285	127.985	117.316	108.710
72.0	665.034	607.190	470.385	300.128	158.338	137.086	123.218	112.821	104.593
72.5	661.209	603.206	465.710	294.922	152.436	131.941	118.506	108.488	99.989
73.0	657.227	599.009	461.143	289.878	147.128	126.904	113.903	103.939	95.657
73.5	653.349	594.704	456.524	284.671	141.659	122.030	109.246	99.498	91.216
74.0	649.524	590.560	451.742	279.466	136.296	117.102	104.642	95.273	86.993
74.5	645.380	586.204	447.119	274.316	131.097	112.228	100.147	90.995	83.039
75.0	641.449	582.061	442.286	269.324	125.844	107.353	95.706	86.771	78.761
75.5	637.411	577.756	437.667	264.121	120.698	102.588	91.264	82.439	74.698
76.0	633.320	573.613	433.262	259.025	115.553	97.930	86.770	78.377	70.744
76.5	629.224	569.255	428.536	254.195	110.408	93.327	82.329	74.153	66.846
77.0	625.079	565.167	423.917	249.045	105.424	88.723	78.212	70.199	63.216
77.5	620.933	560.864	419.299	244.270	100.334	84.174	73.935	66.192	59.425
78.0	616.896	556.723	414.842	239.391	95.568	79.625	69.765	62.347	55.743
78.5	612.534	552.422	410.437	234.778	90.748	75.184	65.649	58.555	52.060
79.0	608.444	548.012	405.928	229.900	86.089	70.906	61.587	54.764	48.323
79.5	604.298	543.871	401.524	225.181	81.378	66.681	57.633	50.973	44.911
80.0	600.048	539.677	397.070	220.519	76.719	62.564	53.788	47.398	41.445
80.5	595.796	535.431	392.613	216.125	72.224	58.448	49.997	43.824	38.088
81.0	591.814	531.345	388.482	211.732	67.890	54.441	46.314	40.358	34.622
81.5	587.723	526.935	384.190	207.339	63.666	50.595	42.684	36.946	31.264
82.0	583.579	522.850	380.059	202.947	59.496	46.804	39.057	33.588	28.124
82.5	579.864	519.144	375.983	198.716	55.326	43.175	35.698	30.500	25.143

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83.0	575.831	515.166	371.800	194.755	51.318	39.492	32.340	27.359	22.057
83.5	572.013	511.133	367.725	190.848	47.473	35.917	29.145	24.272	19.078
84.0	568.301	507.319	363.866	186.944	43.736	32.505	26.004	21.293	16.153
84.5	564.481	503.397	359.955	183.039	40.053	29.201	22.809	18.315	13.446
85.0	560.878	499.422	356.097	179.351	36.479	26.006	19.776	15.553	11.008
85.5	557.328	495.769	352.076	175.662	32.959	22.811	16.850	12.899	8.842
86.0	553.781	492.275	348.219	172.137	29.547	19.724	14.034	10.516	7.271
86.5	550.497	489.099	344.738	168.611	26.243	16.744	11.326	8.674	6.187
87.0	547.478	486.881	341.306	165.355	23.102	13.820	8.943	7.211	5.483
87.5	545.308	485.195	338.729	161.991	19.961	11.002	7.263	6.290	5.048
88.0	544.257	484.413	336.891	158.681	16.766	8.240	6.072	5.640	4.830
88.5	543.466	483.841	335.742	155.794	13.571	5.966	5.421	5.152	4.560
89.0	542.997	483.698	335.449	153.811	10.320	4.883	5.042	4.989	4.505
89.5	542.902	483.608	335.207	153.154	7.556	4.502	4.879	4.826	4.450
90.0	542.964	483.570	335.235	153.192	6.463	4.394	4.824	4.825	4.503
90.5	542.547	483.697	335.267	153.500	7.677	4.393	4.823	4.824	4.448
91.0	542.774	484.093	335.672	154.942	10.328	4.445	4.769	4.877	4.448
91.5	542.893	484.813	336.564	157.467	13.511	5.294	4.822	4.823	4.394
92.0	543.553	485.964	338.591	160.482	16.587	6.831	4.981	4.769	4.500
92.5	544.267	487.924	341.375	163.496	19.556	9.324	5.404	4.928	4.606
93.0	545.737	490.375	344.697	166.993	22.526	12.241	6.465	5.140	4.978
93.5	547.640	493.471	348.237	170.113	25.602	15.158	8.268	5.722	5.826
94.0	550.462	496.999	351.880	173.661	28.838	18.129	10.708	6.889	7.471
94.5	553.879	500.583	355.308	177.155	32.126	20.992	13.520	8.747	9.751
95.0	557.457	504.431	359.327	180.647	35.521	24.121	16.383	10.974	12.296
95.5	561.034	508.334	363.183	184.300	39.022	27.305	19.353	13.679	15.215
96.0	564.774	511.967	366.984	188.058	42.629	30.486	22.537	16.597	18.079
96.5	568.405	515.708	370.894	191.978	46.341	33.828	25.666	19.513	21.155
97.0	572.089	519.503	374.803	195.949	50.160	37.170	28.902	22.590	24.285
97.5	575.880	523.402	378.766	199.919	54.139	40.724	32.190	25.827	27.361
98.0	579.560	527.301	382.731	204.155	58.063	44.331	35.479	28.956	30.490
98.5	583.457	531.307	386.907	208.445	62.254	48.043	38.926	32.244	33.886
99.0	587.299	535.367	391.082	212.679	66.604	52.022	42.481	35.585	37.280
99.5	591.142	539.318	395.310	217.128	70.952	55.947	46.140	39.087	40.835
100.0	594.983	543.377	399.645	221.628	75.408	60.084	49.799	42.588	44.229
100.5	598.825	547.487	403.925	226.129	79.969	64.221	53.618	46.089	47.836
101.0	602.880	551.492	408.313	230.788	84.638	68.359	57.598	49.696	51.390
101.5	606.615	555.493	412.645	235.395	89.358	72.815	61.523	53.356	55.156
102.0	610.668	559.660	417.190	240.108	94.185	76.950	65.607	57.122	59.029
102.5	614.562	563.663	421.574	244.767	99.012	81.619	69.691	60.994	62.848
103.0	618.565	567.773	426.012	249.480	104.052	87.136	73.882	64.866	66.773
103.5	622.564	571.830	430.503	254.298	109.144	91.697	78.125	68.844	70.645
104.0	626.568	575.885	435.048	259.223	114.130	95.568	82.369	72.876	74.782
104.5	630.459	580.156	439.536	264.041	119.222	100.449	86.824	77.012	78.920
105.0	634.567	584.159	443.974	268.859	124.526	105.117	91.228	81.204	83.110
105.5	638.088	588.269	448.570	273.784	129.778	110.050	95.682	85.394	87.300
106.0	642.140	592.378	453.006	278.761	135.082	115.566	100.245	89.638	91.598
106.5	645.927	596.328	457.443	283.792	140.546	121.295	104.860	93.935	95.840
107.0	649.874	600.384	461.932	288.663	145.903	125.485	109.421	98.337	100.456
107.5	653.821	604.492	466.369	293.695	151.367	129.994	114.195	102.686	104.752
108.0	657.608	608.494	470.967	298.831	156.831	135.086	118.863	107.355	109.261
108.5	661.341	612.497	475.510	303.968	162.401	140.285	123.584	111.809	113.718
109.0	665.341	616.340	480.000	309.051	167.917	145.429	128.464	116.478	118.279
109.5	669.020	620.612	484.489	314.081	173.433	150.629	133.291	120.987	122.788
110.0	672.860	624.347	488.874	319.325	179.056	155.880	138.065	125.654	127.510
110.5	676.594	628.351	493.097	324.461	184.678	161.131	142.998	130.322	132.125

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CANDELA TABULATION - (Cont.)

111.0	680.380	632.088	497.533	329.598	190.354	166.436	147.931	135.044	136.845
111.5	684.063	635.984	502.024	334.842	196.029	171.740	152.811	139.818	141.354
112.0	687.584	639.883	506.406	340.031	201.705	177.098	157.850	144.592	145.914
112.5	691.370	643.727	510.896	345.326	207.541	182.561	162.942	149.313	150.583
113.0	694.782	647.571	515.334	350.515	213.163	188.025	167.928	154.033	155.357
113.5	698.517	651.362	519.716	355.918	218.839	193.542	173.073	158.913	160.237
114.0	702.090	654.991	524.098	361.107	224.673	198.952	178.326	163.740	165.011
114.5	705.610	658.728	528.482	366.350	230.296	204.522	184.583	168.727	169.785
115.0	708.918	662.520	532.865	371.646	236.026	210.039	191.267	173.660	174.666
115.5	712.282	666.257	537.195	376.888	241.807	215.662	196.041	178.487	179.386
116.0	715.907	669.728	541.632	382.131	247.589	221.178	199.330	183.420	184.532
116.5	719.164	673.467	545.800	387.374	253.264	226.695	203.892	188.353	189.358
117.0	722.790	677.205	550.291	392.669	259.047	232.423	209.940	193.392	194.399
117.5	725.993	680.622	554.513	397.858	264.935	237.888	216.729	198.219	199.171
118.0	729.196	684.305	558.790	403.155	270.557	243.616	222.139	203.312	204.158
118.5	732.237	687.725	563.279	408.343	276.392	249.240	225.854	208.138	209.091
119.0	735.495	691.036	567.451	413.639	282.175	254.756	229.991	213.337	214.184
119.5	738.752	694.878	571.726	418.829	287.956	260.220	235.083	218.323	218.957
120.0	741.847	698.352	575.949	423.965	293.845	265.789	240.281	223.415	224.262
120.5	744.996	701.718	580.173	428.995	299.574	271.466	245.532	228.455	229.142
121.0	748.145	705.030	584.450	434.237	305.143	276.982	250.731	233.600	234.129
121.5	751.348	708.504	588.567	439.319	310.978	282.445	255.929	239.700	239.115
122.0	753.967	711.869	592.792	444.563	316.759	287.963	261.340	246.650	244.208
122.5	757.224	714.596	596.855	449.646	322.435	293.426	266.538	252.589	249.353
123.0	760.428	718.070	601.025	454.728	328.165	299.050	271.844	256.516	254.445
123.5	763.631	721.328	605.251	459.758	333.946	304.513	277.148	261.236	259.696
124.0	766.304	724.217	609.473	464.788	339.569	310.083	282.506	267.390	266.752
124.5	769.507	727.529	613.535	469.924	345.352	315.706	287.811	272.589	275.929
125.0	772.288	730.949	617.760	475.006	350.974	321.064	293.221	276.089	281.816
125.5	774.907	733.784	621.930	480.091	356.756	326.633	298.526	279.803	284.575
126.0	778.056	737.150	625.836	484.960	362.378	332.150	303.884	284.735	285.530
126.5	780.675	740.093	630.003	489.937	368.001	337.561	309.135	289.828	289.985
127.0	783.456	743.459	634.440	494.915	373.730	343.183	314.439	294.975	295.077
127.5	786.183	746.294	638.239	499.732	379.406	348.647	319.797	300.067	300.224
128.0	788.801	749.184	641.930	504.761	384.975	354.269	325.209	305.212	305.475
128.5	791.528	752.550	646.314	509.739	390.758	359.893	330.353	310.411	310.620
129.0	794.255	755.439	650.113	514.610	396.487	365.356	335.923	315.714	315.871
129.5	794.222	758.274	653.912	519.534	402.162	370.873	341.387	320.860	321.122
130.0	797.003	761.110	658.295	524.458	407.785	376.389	346.797	326.006	326.375
130.5	798.669	763.945	662.040	529.435	413.408	382.013	352.208	331.151	331.679
131.0	801.288	766.196	665.839	534.251	419.137	387.529	357.459	336.350	336.877
131.5	801.947	768.663	669.638	539.122	424.918	392.992	362.817	341.654	342.129
132.0	806.103	770.968	673.437	543.940	430.594	398.456	368.333	346.905	347.540
132.5	808.884	773.219	677.236	548.758	436.377	404.026	373.691	352.157	352.789
133.0	810.074	775.156	681.035	553.470	442.105	409.490	379.260	357.303	358.043
133.5	812.693	776.930	684.834	558.340	447.676	415.060	384.617	363.244	363.294
134.0	816.481	780.350	688.579	563.265	453.298	420.630	390.135	368.442	368.706
134.5	817.616	782.655	691.847	568.082	458.974	426.040	395.598	373.747	373.903
135.0	820.289	786.075	695.646	573.007	464.649	431.716	400.954	379.104	379.474
135.5	823.601	787.795	699.445	577.294	470.326	437.285	406.473	384.516	384.618
136.0	824.682	790.154	703.082	582.219	475.949	442.856	411.830	389.660	390.030
136.5	828.416	792.513	706.459	586.981	481.518	448.212	417.241	395.018	395.173
137.0	828.491	795.294	709.673	591.852	487.195	453.834	422.704	400.270	400.799
137.5	831.586	798.184	713.526	596.247	492.712	459.460	427.955	405.519	406.103
138.0	832.722	799.958	715.571	600.956	498.278	464.867	433.309	410.769	411.080
138.5	835.979	803.378	718.364	605.296	503.637	470.330	438.775	416.341	416.760

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CANDELA TABULATION - (Cont.)

139.0	837.808	804.676	722.163	610.113	509.153	475.635	444.132	421.592	422.171
139.5	839.311	806.927	724.847	614.345	514.725	481.205	449.490	426.951	427.530
140.0	840.977	809.340	728.169	618.632	520.188	486.510	454.689	432.202	432.835
140.5	843.759	811.753	729.847	623.394	525.706	492.027	460.206	437.719	438.565
141.0	845.371	814.058	732.585	627.626	531.329	497.385	465.669	443.342	444.187
141.5	847.567	814.880	736.384	632.389	536.899	502.796	471.027	448.858	449.651
142.0	848.811	817.824	739.068	636.676	542.203	508.206	476.383	454.375	455.167
142.5	850.477	820.129	742.391	640.908	547.507	513.510	481.687	459.626	460.683
143.0	853.096	821.849	745.075	645.248	552.811	518.921	486.991	464.930	466.147
143.5	855.347	823.147	747.813	649.589	558.646	524.437	492.508	470.553	471.664
144.0	854.361	825.030	751.081	653.929	564.004	529.847	497.811	476.068	477.180
144.5	857.250	827.443	753.819	658.216	569.363	534.939	503.222	481.531	482.696
145.0	859.923	829.272	756.027	662.080	574.667	540.244	508.527	486.836	488.426
145.5	860.052	831.100	759.826	666.421	579.971	545.602	513.830	492.299	493.730
146.0	861.664	832.290	761.980	670.285	584.799	550.906	519.028	497.603	499.193
146.5	864.608	834.703	764.772	673.034	590.103	556.211	524.279	503.012	504.657
147.0	865.798	835.893	767.456	676.844	595.408	561.515	529.742	508.369	510.172
147.5	868.048	838.361	769.718	679.648	600.236	566.927	534.994	513.779	515.476
148.0	868.069	838.598	772.456	682.928	605.540	572.177	540.298	519.189	521.046
148.5	868.252	839.896	774.133	687.268	610.368	576.951	545.656	524.600	526.457
149.0	869.864	842.309	776.871	691.078	615.726	581.779	550.906	529.903	531.972
149.5	870.686	841.486	778.549	693.882	620.500	587.138	556.211	535.048	537.278
150.0	871.183	843.791	781.287	698.276	625.274	592.442	561.515	540.352	543.112
150.5	872.903	845.089	784.609	701.610	630.048	597.270	566.819	546.187	548.417
151.0	872.978	846.387	785.280	705.475	634.876	602.044	571.647	551.437	554.197
151.5	874.753	846.679	788.549	708.754	639.704	607.348	576.951	556.795	559.556
152.0	874.882	847.500	789.750	712.619	644.532	612.176	582.255	562.045	565.336
152.5	874.426	848.799	792.012	715.422	649.305	616.950	587.614	567.349	570.694
153.0	874.555	849.036	794.273	719.286	653.603	621.778	592.333	572.123	575.999
153.5	876.276	850.388	795.951	722.620	656.309	626.551	597.692	577.958	581.303
154.0	875.344	851.210	797.152	726.484	661.614	631.910	602.466	583.208	587.192
154.5	876.534	851.502	798.244	729.288	665.326	636.153	607.770	588.512	592.550
155.0	877.669	852.270	800.398	732.091	668.563	641.035	612.598	593.286	597.800
155.5	877.322	852.085	801.913	735.479	672.330	645.755	617.902	598.590	603.159
156.0	875.806	852.907	802.897	738.229	677.104	650.637	622.730	603.894	608.409
156.5	876.996	853.783	803.990	741.617	680.871	653.289	627.504	609.145	613.182
157.0	877.547	853.490	805.613	744.474	685.169	658.117	632.278	613.918	618.541
157.5	875.110	853.835	806.706	746.693	688.882	662.361	637.636	619.223	623.845
158.0	875.270	852.590	807.961	749.497	692.649	666.604	642.410	624.527	629.149
158.5	873.851	852.935	808.686	751.824	696.892	669.841	646.653	629.301	633.923
159.0	872.389	853.281	809.941	754.627	700.659	674.084	649.836	634.074	639.227
159.5	873.796	853.573	810.666	757.485	703.842	678.858	656.255	639.379	644.001
160.0	872.063	853.279	811.445	759.758	708.139	682.625	658.907	644.153	649.305
160.5	870.817	852.932	812.754	761.555	711.376	686.923	663.735	648.926	654.133
161.0	871.260	853.007	813.533	763.882	714.028	690.635	667.448	652.639	659.384
161.5	870.231	851.069	814.788	766.155	718.272	694.879	670.685	657.413	663.627
162.0	869.527	850.245	813.499	768.482	720.924	698.646	675.459	662.187	665.640
162.5	867.534	848.945	815.339	769.218	725.221	702.944	679.172	665.900	670.306
163.0	866.970	849.821	815.111	772.075	727.928	707.187	684.530	669.613	674.387
163.5	865.984	848.100	815.414	773.288	731.641	710.424	688.243	674.387	679.106
164.0	866.276	848.077	816.193	775.084	734.293	713.606	691.956	678.630	683.296
164.5	864.554	846.409	815.965	776.296	737.529	717.319	696.784	683.458	689.022
165.0	862.886	846.333	816.268	778.093	740.712	721.563	701.027	687.171	693.265
165.5	860.158	843.604	816.094	779.836	743.949	724.269	704.210	690.884	696.978
166.0	860.135	842.575	815.812	781.633	746.601	727.451	707.977	695.658	702.174
166.5	858.944	841.492	816.169	783.429	748.722	731.218	712.166	699.901	706.948

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CANDELA TABULATION - (Cont.)

167.0	857.644	840.409	815.465	783.159	751.429	733.871	716.464	703.668	711.191
167.5	855.338	838.374	815.291	784.479	753.605	737.053	719.116	708.496	714.904
168.0	851.656	836.814	815.118	785.800	756.257	740.290	723.413	712.740	719.202
168.5	851.104	835.568	814.944	787.174	758.909	743.472	727.711	717.037	723.391
169.0	847.899	833.738	813.710	786.373	761.615	746.655	730.309	720.220	727.050
169.5	846.285	831.757	813.536	788.170	763.152	748.777	734.552	724.994	730.178
170.0	844.672	829.721	812.832	788.484	764.743	752.013	737.789	728.176	734.422
170.5	843.112	828.800	811.121	789.328	766.389	754.665	740.495	731.943	738.189
171.0	839.853	826.873	811.532	789.696	767.450	757.318	743.202	735.656	741.426
171.5	837.287	824.946	809.237	790.064	770.156	758.963	746.438	739.477	745.669
172.0	835.890	822.542	809.172	790.908	772.332	761.615	749.621	741.599	748.743
172.5	833.378	820.193	807.461	790.745	773.869	764.267	752.803	745.843	752.932
173.0	829.860	818.265	805.858	790.637	774.984	766.919	755.986	749.025	755.000
173.5	827.987	815.862	805.371	791.590	775.991	767.980	758.638	751.677	758.767
174.0	826.005	813.988	803.238	791.481	776.521	770.632	760.760	754.914	762.426
174.5	822.908	810.578	801.744	791.373	778.167	773.284	763.358	758.096	764.017
175.0	819.812	808.229	800.250	790.258	779.758	774.876	765.479	760.694	767.146
175.5	816.770	805.987	798.810	791.319	780.764	775.882	768.186	763.401	769.267
176.0	815.957	803.800	797.424	791.265	781.880	778.058	770.784	766.107	773.565
176.5	811.540	800.661	796.093	790.788	782.356	779.119	774.020	768.813	775.210
177.0	809.245	798.691	793.808	790.788	782.464	780.710	774.551	771.411	777.862
177.5	805.835	795.714	793.170	789.728	783.471	781.241	777.203	773.533	779.399
178.0	802.641	793.906	792.055	789.728	784.001	782.832	778.740	776.770	783.697
178.5	799.242	790.615	790.463	789.197	784.001	784.423	780.331	778.837	786.295
179.0	796.958	789.500	788.342	789.197	784.532	784.954	783.038	780.959	787.356
179.5	794.782	787.432	787.281	788.136	784.532	786.015	784.098	782.604	791.653
180.0	786.534	786.534	786.534	786.534	786.534	786.534	786.534	786.534	786.534

IES INDOOR REPORT**PHOTOMETRIC FILENAME : CMH-2-00-L25-850U-L25-850D-DMA-DIM-UNV_.IES****ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	292.02	N.A.	5.50
0-30	620.32	N.A.	11.70
0-40	1017.56	N.A.	19.20
0-60	1843.03	N.A.	34.70
0-80	2468.36	N.A.	46.50
0-90	2664.79	N.A.	50.20
10-90	2589.35	N.A.	48.80
20-40	725.54	N.A.	13.70
20-50	1146.73	N.A.	21.60
40-70	1176.93	N.A.	22.20
60-80	625.33	N.A.	11.80
70-80	273.87	N.A.	5.20
80-90	196.43	N.A.	3.70
90-110	468.53	N.A.	8.80
90-120	817.52	N.A.	15.40
90-130	1218.94	N.A.	23.00
90-150	2030.57	N.A.	38.20
90-180	2644.00	N.A.	49.80
110-180	2175.47	N.A.	41.00
0-180	5308.79	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	75.44
10-20	216.58
20-30	328.30
30-40	397.23
40-50	421.19
50-60	404.28
60-70	351.46
70-80	273.87
80-90	196.43
90-100	196.14
100-110	272.39
110-120	348.99
120-130	401.42
130-140	417.97
140-150	393.65
150-160	324.80
160-170	214.04
170-180	74.59

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-L25-850U-L25-850D-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

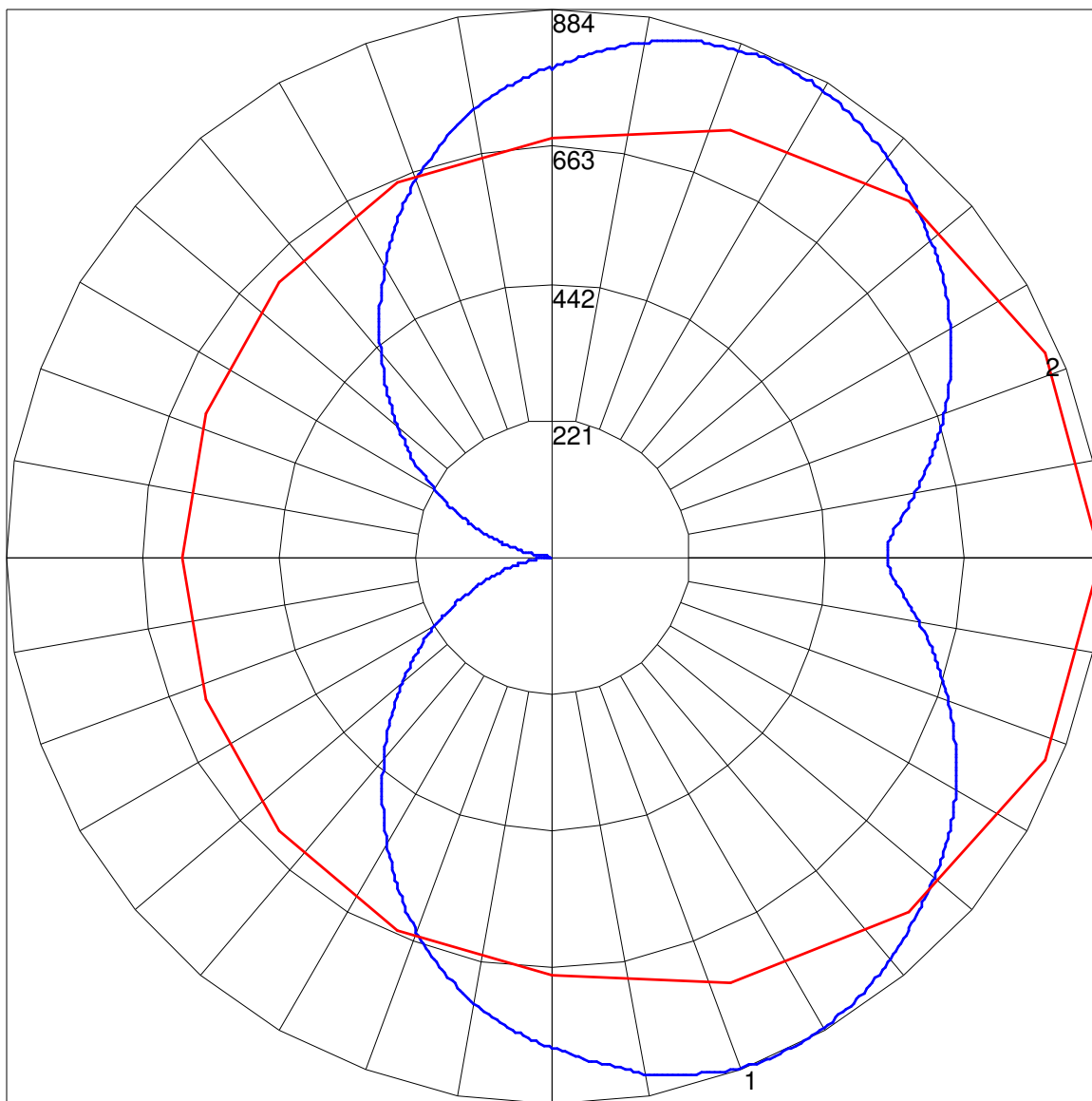
X=2H	Y=2H	21.9	22.8	22.8	23.7	25.0	16.0	16.9	16.9	17.8	19.1
	3H	24.9	25.7	25.9	26.7	28.0	17.3	18.2	18.3	19.1	20.4
	4H	26.5	27.2	27.4	28.2	29.5	17.8	18.5	18.7	19.5	20.8
	6H	28.1	28.8	29.1	29.8	31.1	18.0	18.7	19.0	19.7	21.0
	8H	28.9	29.6	29.9	30.6	32.0	18.0	18.7	19.0	19.7	21.1
	12H	29.9	30.5	30.9	31.5	32.9	18.1	18.7	19.1	19.7	21.1

UGR Viewed Endwise

4H	2H	22.2	22.9	23.1	23.9	25.2	17.2	18.0	18.2	19.0	20.3
	3H	25.4	26.1	26.4	27.1	28.4	18.8	19.5	19.8	20.5	21.8
	4H	27.1	27.8	28.1	28.8	30.1	19.4	20.0	20.4	21.0	22.4
	6H	29.0	29.5	30.0	30.6	31.9	19.8	20.3	20.8	21.4	22.7
	8H	30.0	30.5	31.0	31.5	32.8	19.9	20.4	20.9	21.4	22.8
	12H	31.0	31.5	32.0	32.5	33.8	19.9	20.4	21.0	21.4	22.8
8H	4H	27.3	27.8	28.3	28.8	30.2	20.5	21.0	21.5	22.0	23.4
	6H	29.3	29.7	30.3	30.8	32.1	21.1	21.5	22.2	22.6	24.0
	8H	30.4	30.8	31.5	31.8	33.2	21.4	21.7	22.4	22.8	24.1
	12H	31.7	32.0	32.7	33.0	34.4	21.5	21.8	22.5	22.9	24.3
12H	4H	27.3	27.7	28.3	28.7	30.1	20.8	21.3	21.9	22.3	23.7
	6H	29.3	29.7	30.4	30.7	32.1	21.6	22.0	22.7	23.1	24.4
	8H	30.5	30.8	31.5	31.9	33.3	22.0	22.3	23.0	23.3	24.7

Maximum UGR = 34.4

POLAR GRAPH



Maximum Candela = 883.913 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.)