

IES INDOOR REPORT

PHOTOMETRIC FILENAME : CMH-2-00-L25-950U-L25-950D-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-L25-950-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	4457
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	104
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	18411	17157	16180
55	18302	16353	14651
65	18334	15710	12823
75	18652	15258	10155
85	19607	15459	6163

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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	667.082	667.082	667.082	667.082	667.082	667.082	667.082	667.082	667.082
0.5	668.019	669.133	667.893	670.433	665.886	669.346	664.853	664.817	664.881
1.0	669.838	670.719	670.344	670.977	665.476	668.347	662.945	662.909	663.017
1.5	672.245	672.850	671.066	672.430	665.476	666.484	661.946	660.591	659.834
2.0	674.287	675.480	672.698	672.564	664.977	665.075	660.127	658.728	657.971
2.5	677.238	677.289	674.873	673.152	664.522	664.166	658.308	657.364	656.197
3.0	679.190	680.008	676.593	673.286	664.067	663.256	656.944	654.636	653.878
3.5	681.775	682.406	677.859	674.828	664.067	661.393	654.671	652.772	652.514
4.0	685.181	684.804	680.034	674.962	663.113	659.574	653.761	650.499	649.331
4.5	686.723	686.792	681.755	674.685	662.659	659.119	651.488	648.225	646.558
5.0	687.579	689.278	683.243	676.183	661.749	656.846	648.759	645.907	643.875
5.5	690.753	691.311	683.733	676.361	660.385	654.572	647.395	643.633	642.511
6.0	692.883	692.933	685.043	676.085	659.431	654.073	645.576	641.770	639.738
6.5	694.604	696.008	686.398	675.853	658.566	652.299	643.214	638.542	637.054
7.0	696.324	697.951	687.298	675.942	658.067	650.845	640.940	635.770	633.826
7.5	698.080	699.573	688.243	675.754	655.749	648.572	638.212	633.496	630.643
8.0	701.457	700.740	689.410	674.568	654.385	646.298	635.938	630.723	627.460
8.5	704.451	702.451	690.577	675.246	653.930	644.934	633.620	627.995	624.322
9.0	708.541	704.251	691.611	674.514	651.656	642.616	630.847	624.313	621.139
9.5	710.564	705.820	692.234	674.737	650.248	639.888	628.119	621.540	620.229
10.0	712.818	708.253	692.813	674.095	648.884	638.024	625.846	618.811	615.228
10.5	715.029	709.687	693.847	673.408	646.610	635.795	623.073	615.584	612.999
11.0	716.374	710.711	694.470	672.311	645.656	633.477	619.845	613.310	609.816
11.5	717.586	712.324	694.639	671.214	642.928	630.749	617.161	609.628	605.723
12.0	718.343	713.482	695.263	671.027	641.109	629.340	614.389	606.445	602.130
12.5	720.964	715.549	695.476	669.930	639.700	625.658	611.206	603.262	598.947
13.0	722.443	716.663	695.778	668.833	637.881	623.384	607.978	599.580	594.489
13.5	723.601	718.142	696.081	668.191	634.698	620.656	605.205	595.898	591.850
14.0	725.802	719.077	696.428	667.138	633.290	616.974	601.113	592.260	587.891
14.5	727.325	720.057	695.776	665.542	631.016	614.700	597.885	588.622	583.843
15.0	727.351	720.537	695.989	664.490	627.789	611.927	594.702	584.984	579.795
15.5	728.296	721.062	695.926	662.439	625.060	609.155	591.020	580.892	577.521
16.0	728.696	722.042	695.408	660.753	622.742	605.972	588.247	577.254	572.020
16.5	730.656	723.022	696.254	660.156	620.469	602.789	584.609	574.071	569.292
17.0	732.803	722.638	696.191	658.105	618.195	599.106	581.382	569.934	566.608
17.5	733.141	724.117	695.629	655.555	614.968	596.788	577.245	567.161	562.017
18.0	734.432	723.732	695.066	654.502	611.784	592.197	573.152	563.069	558.834
18.5	736.178	724.302	694.370	652.540	608.557	589.468	571.289	560.795	554.697
19.0	735.740	724.871	694.218	651.122	605.829	585.786	567.651	556.703	550.604
19.5	737.798	724.942	693.067	649.294	602.601	583.013	563.514	552.611	546.012
20.0	738.813	724.646	692.915	646.878	599.873	579.375	561.695	548.518	541.920
20.5	739.106	725.216	691.354	644.916	597.100	575.693	557.558	544.381	537.328
21.0	739.355	724.876	690.746	642.223	593.008	572.055	553.466	540.289	533.236
21.5	740.102	725.080	689.640	640.849	590.235	570.192	549.828	535.742	528.689
22.0	741.073	724.919	688.578	639.065	586.597	565.645	545.691	531.649	524.097
22.5	741.633	724.757	687.472	636.738	582.915	562.373	541.554	527.557	520.005
23.0	741.239	725.005	686.410	634.366	579.687	557.826	537.462	523.009	515.413
23.5	741.345	724.523	685.759	631.085	575.595	556.007	533.325	518.462	510.866
24.0	741.860	724.450	684.242	629.345	572.866	552.325	529.188	514.325	505.864
24.5	742.153	724.288	683.181	626.697	568.730	548.232	525.096	509.823	501.771
25.0	741.537	724.171	681.209	624.780	567.365	544.051	520.959	505.231	497.180
25.5	740.466	723.145	680.148	622.452	564.138	539.958	516.866	500.684	492.178
26.0	740.759	722.894	678.631	618.760	560.955	535.821	512.274	496.591	488.041
26.5	740.187	721.734	677.159	615.934	556.818	531.729	508.137	492.044	482.995

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27.0	739.161	721.028	676.187	613.606	552.681	527.547	503.590	487.497	478.447
27.5	739.132	720.777	673.440	611.279	548.999	523.455	499.453	482.905	473.856
28.0	739.426	719.617	671.646	607.088	544.906	518.863	495.316	478.358	468.854
28.5	738.221	718.457	670.264	605.171	541.268	514.771	490.769	473.811	464.262
29.0	737.239	718.206	668.881	601.479	536.721	510.634	486.222	468.809	459.715
29.5	737.033	716.137	667.132	597.698	532.584	506.087	481.630	464.262	454.940
30.0	736.683	714.887	665.295	595.326	528.447	501.450	477.538	459.670	450.213
30.5	735.523	713.861	663.457	592.089	524.355	497.358	472.946	455.078	445.665
31.0	735.361	713.155	661.664	588.763	520.262	492.766	468.399	450.485	440.937
31.5	734.379	712.361	658.917	587.301	516.125	488.219	463.852	445.983	436.254
32.0	732.854	711.201	657.579	583.520	511.578	484.082	459.260	441.299	431.752
32.5	733.147	709.586	655.242	581.603	507.441	479.490	454.668	436.752	426.979
33.0	730.667	708.925	653.315	578.366	503.349	474.943	450.075	431.978	422.205
33.5	731.093	706.811	650.934	574.630	498.757	470.352	445.528	427.386	417.612
34.0	730.477	705.240	648.098	571.348	494.210	465.804	440.936	422.884	412.839
34.5	729.040	703.625	645.262	567.568	489.618	461.667	436.344	418.200	408.200
35.0	727.336	702.010	643.380	563.832	485.071	456.984	431.842	413.608	403.699
35.5	726.265	700.895	641.408	560.550	480.979	452.392	427.340	408.970	398.970
36.0	724.552	698.370	638.661	556.814	476.432	447.800	422.748	404.423	394.242
36.5	723.570	696.755	636.735	553.078	471.430	443.208	417.974	399.966	389.558
37.0	721.999	695.640	633.399	549.297	466.838	438.752	413.518	395.284	384.829
37.5	720.607	693.160	630.519	545.561	462.291	434.024	408.971	390.555	380.374
38.0	720.035	691.090	628.681	541.825	457.744	429.431	404.333	386.098	375.555
38.5	717.190	689.520	624.936	538.089	453.107	424.747	399.785	381.461	370.780
39.0	715.798	688.404	622.510	533.898	448.378	420.247	395.147	376.914	366.142
39.5	713.817	685.880	622.857	530.117	443.785	415.654	390.691	372.276	361.549
40.0	713.290	684.310	620.065	526.381	439.056	410.925	386.190	367.730	357.093
40.5	710.533	682.650	617.274	522.190	434.328	406.333	381.507	363.182	352.501
41.0	708.464	680.260	614.393	518.409	429.735	401.741	376.960	358.590	347.819
41.5	706.162	678.190	611.601	514.308	424.915	396.967	372.321	354.134	343.316
42.0	705.590	676.530	608.266	510.616	420.232	392.601	367.775	349.497	338.816
42.5	703.699	674.505	605.430	506.924	415.503	387.964	363.183	344.859	334.358
43.0	701.353	671.072	602.505	503.322	410.774	383.280	358.635	340.493	329.631
43.5	700.237	669.457	599.713	499.220	405.818	378.597	353.952	335.811	325.220
44.0	697.846	667.387	596.467	495.118	401.180	374.005	349.268	331.218	320.900
44.5	695.955	665.362	593.087	490.972	396.360	369.458	344.677	326.717	316.399
45.0	694.563	663.747	590.296	487.236	391.631	364.639	340.130	322.079	311.988
45.5	691.583	660.813	587.005	483.136	386.903	360.000	335.400	317.623	307.351
46.0	691.377	658.788	583.714	479.081	382.083	355.316	330.853	313.121	302.895
46.5	688.621	657.627	580.878	474.980	377.307	350.679	326.170	308.530	298.621
47.0	687.594	656.922	577.587	470.790	372.352	346.041	321.577	304.118	294.302
47.5	686.068	655.030	574.252	466.824	367.441	341.312	316.985	299.572	289.709
48.0	684.222	652.372	571.095	462.859	362.576	336.447	312.483	295.252	285.253
48.5	681.243	649.982	567.670	458.848	357.801	331.718	307.800	290.751	280.842
49.0	679.396	647.457	564.424	454.701	353.028	327.035	303.208	286.386	276.340
49.5	677.593	644.933	561.089	450.554	348.208	322.442	298.706	281.976	272.066
50.0	677.842	642.953	557.753	446.499	343.342	317.759	294.205	277.565	267.564
50.5	674.586	640.428	554.507	442.309	338.522	312.939	289.567	273.381	263.200
51.0	673.970	637.993	551.261	438.255	333.748	308.301	285.065	268.926	258.790
51.5	671.713	635.513	547.471	434.063	328.973	303.527	280.473	264.515	254.516
52.0	669.455	632.534	544.091	429.691	324.108	298.934	276.062	260.196	250.333
52.5	667.519	630.054	540.845	425.591	319.333	294.297	271.561	255.876	245.967
53.0	665.129	627.485	537.099	421.309	314.513	289.568	267.014	251.557	241.557
53.5	662.738	625.050	533.718	417.074	309.830	284.793	262.467	247.282	237.147
54.0	660.525	622.481	530.201	412.747	304.965	280.201	257.965	242.872	233.235
54.5	658.135	619.680	526.546	408.374	300.281	275.654	253.510	238.644	228.917

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CANDELA TABULATION - (Cont.)

55.0	655.833	617.111	523.075	404.138	295.507	270.926	249.008	234.278	224.551
55.5	653.487	614.132	519.647	399.720	290.778	266.152	244.553	229.959	220.368
56.0	651.185	611.653	516.084	395.439	285.958	261.558	240.141	225.821	215.958
56.5	648.973	608.674	512.384	390.976	281.182	256.876	235.550	221.364	211.911
57.0	646.626	606.238	508.731	386.557	276.363	252.282	231.274	217.273	207.909
57.5	643.825	603.304	505.211	382.140	271.633	247.510	226.910	212.862	203.499
58.0	641.346	600.280	501.603	377.585	266.723	242.871	222.408	208.724	199.270
58.5	639.133	597.346	497.906	373.168	261.903	238.278	218.089	204.495	194.996
59.0	636.787	594.500	494.070	368.613	256.993	233.641	213.769	200.221	190.949
59.5	634.030	591.432	490.505	364.060	252.036	228.957	209.494	196.083	186.811
60.0	631.051	588.453	486.670	359.642	247.171	224.229	205.220	191.900	182.627
60.5	628.340	585.519	483.107	355.225	242.351	219.591	200.856	187.762	178.444
61.0	625.993	582.538	479.408	350.898	237.576	214.907	196.491	183.578	174.306
61.5	623.148	579.559	475.709	346.435	232.711	210.360	192.125	179.395	170.123
62.0	619.848	576.398	471.828	341.880	227.935	205.678	187.942	175.213	166.121
62.5	617.047	573.280	468.173	337.418	223.024	201.085	183.577	170.984	161.892
63.0	614.246	570.299	464.521	332.955	218.295	196.356	179.212	166.846	157.845
63.5	611.445	567.002	460.822	328.491	213.475	191.672	174.937	162.753	153.662
64.0	608.689	563.796	456.941	324.029	208.655	187.216	170.617	158.524	149.752
64.5	605.433	560.635	453.288	319.566	203.882	182.578	166.207	154.386	145.977
65.0	602.315	557.474	449.272	314.921	199.062	178.031	161.796	150.293	141.748
65.5	599.153	554.131	445.572	310.322	194.196	173.393	157.567	146.155	137.747
66.0	596.079	550.696	441.827	305.860	189.466	168.756	153.156	142.108	133.836
66.5	593.186	547.400	437.857	301.352	184.738	164.118	148.928	137.925	129.926
67.0	589.930	544.102	434.157	296.844	180.008	159.570	144.789	133.924	126.152
67.5	586.766	540.803	430.185	292.199	175.278	155.114	140.561	129.877	122.196
68.0	583.647	537.371	426.306	287.601	170.323	150.704	136.287	125.875	118.149
68.5	580.346	533.937	422.471	283.047	165.548	146.065	132.013	121.874	114.147
69.0	577.456	530.549	418.454	278.585	160.865	141.655	127.784	117.872	110.464
69.5	574.200	527.252	414.709	274.168	156.181	137.108	123.782	113.962	106.644
70.0	571.126	523.816	410.694	269.751	151.452	132.697	119.645	110.051	102.824
70.5	567.960	520.338	406.813	265.288	146.770	128.196	115.552	106.050	98.869
71.0	564.886	516.903	402.887	260.692	142.040	123.831	111.460	102.275	95.049
71.5	561.765	513.469	398.782	256.275	137.583	119.466	107.459	98.501	91.275
72.0	558.378	509.810	394.946	251.994	132.944	115.100	103.457	94.727	87.818
72.5	555.166	506.466	391.021	247.623	127.989	110.780	99.501	91.089	83.953
73.0	551.823	502.942	387.186	243.388	123.532	106.552	95.636	87.270	80.315
73.5	548.566	499.327	383.308	239.016	118.940	102.459	91.725	83.541	76.587
74.0	545.355	495.848	379.292	234.646	114.437	98.321	87.860	79.993	73.041
74.5	541.876	492.191	375.411	230.322	110.072	94.229	84.086	76.401	69.722
75.0	538.575	488.711	371.353	226.131	105.661	90.136	80.357	72.855	66.129
75.5	535.185	485.097	367.475	221.762	101.341	86.135	76.628	69.218	62.718
76.0	531.750	481.618	363.777	217.483	97.021	82.224	72.854	65.807	59.399
76.5	528.311	477.959	359.809	213.427	92.701	78.359	69.126	62.260	56.126
77.0	524.831	474.527	355.930	209.104	88.517	74.494	65.669	58.941	53.078
77.5	521.349	470.914	352.053	205.095	84.242	70.675	62.078	55.576	49.895
78.0	517.960	467.437	348.311	200.998	80.241	66.855	58.576	52.348	46.803
78.5	514.297	463.826	344.612	197.125	76.194	63.126	55.120	49.164	43.711
79.0	510.863	460.123	340.826	193.029	72.282	59.534	51.710	45.981	40.573
79.5	507.382	456.647	337.129	189.067	68.326	55.987	48.390	42.798	37.709
80.0	503.814	453.125	333.389	185.153	64.415	52.530	45.161	39.797	34.798
80.5	500.244	449.560	329.647	181.463	60.641	49.075	41.978	36.795	31.979
81.0	496.900	446.129	326.178	177.775	57.002	45.710	38.886	33.885	29.069
81.5	493.465	442.426	322.575	174.087	53.455	42.480	35.839	31.021	26.250
82.0	489.986	438.996	319.106	170.399	49.954	39.297	32.793	28.201	23.613
82.5	486.867	435.885	315.684	166.846	46.453	36.251	29.973	25.609	21.111

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CANDELA TABULATION - (Cont.)

83.0	483.481	432.545	312.172	163.520	43.088	33.159	27.154	22.971	18.520
83.5	480.275	429.159	308.750	160.240	39.859	30.157	24.471	20.379	16.019
84.0	477.159	425.957	305.510	156.962	36.722	27.292	21.833	17.878	13.562
84.5	473.951	422.664	302.226	153.684	33.630	24.518	19.151	15.377	11.290
85.0	470.926	419.326	298.987	150.587	30.629	21.835	16.604	13.058	9.242
85.5	467.945	416.259	295.611	147.490	27.673	19.152	14.148	10.830	7.424
86.0	464.967	413.325	292.372	144.530	24.808	16.561	11.783	8.830	6.105
86.5	462.210	410.659	289.450	141.569	22.035	14.059	9.510	7.283	5.195
87.0	459.675	408.797	286.569	138.836	19.397	11.603	7.509	6.055	4.603
87.5	457.853	407.381	284.404	136.012	16.760	9.238	6.098	5.281	4.239
88.0	456.971	406.724	282.862	133.232	14.077	6.919	5.098	4.735	4.055
88.5	456.307	406.244	281.897	130.808	11.394	5.009	4.551	4.326	3.829
89.0	455.912	406.124	281.650	129.143	8.665	4.100	4.233	4.189	3.782
89.5	455.833	406.048	281.448	128.592	6.344	3.780	4.097	4.052	3.737
90.0	455.885	406.017	281.471	128.624	5.426	3.689	4.050	4.051	3.781
90.5	455.535	406.123	281.497	128.882	6.446	3.688	4.049	4.050	3.735
91.0	455.725	406.455	281.837	130.092	8.672	3.732	4.004	4.095	3.735
91.5	455.825	407.060	282.587	132.213	11.344	4.445	4.048	4.049	3.689
92.0	456.380	408.027	284.289	134.744	13.927	5.735	4.182	4.004	3.778
92.5	456.978	409.672	286.626	137.275	16.420	7.828	4.537	4.138	3.868
93.0	458.213	411.730	289.416	140.211	18.913	10.278	5.428	4.316	4.179
93.5	459.811	414.329	292.387	142.831	21.496	12.727	6.942	4.805	4.892
94.0	462.180	417.292	295.446	145.809	24.213	15.221	8.991	5.784	6.272
94.5	465.049	420.301	298.324	148.743	26.974	17.625	11.351	7.344	8.187
95.0	468.053	423.532	301.699	151.675	29.824	20.253	13.755	9.214	10.324
95.5	471.057	426.809	304.937	154.742	32.764	22.926	16.249	11.485	12.775
96.0	474.197	429.859	308.128	157.898	35.792	25.597	18.922	13.935	15.180
96.5	477.245	433.000	311.411	161.189	38.909	28.403	21.550	16.384	17.763
97.0	480.339	436.187	314.693	164.523	42.115	31.209	24.267	18.967	20.390
97.5	483.522	439.460	318.020	167.857	45.456	34.192	27.028	21.685	22.973
98.0	486.612	442.734	321.349	171.413	48.751	37.221	29.789	24.312	25.600
98.5	489.883	446.097	324.856	175.015	52.270	40.338	32.683	27.072	28.451
99.0	493.109	449.506	328.362	178.570	55.922	43.679	35.668	29.878	31.301
99.5	496.336	452.824	331.911	182.306	59.573	46.974	38.740	32.818	34.286
100.0	499.561	456.231	335.551	186.084	63.314	50.448	41.813	35.758	37.136
100.5	502.787	459.683	339.144	189.863	67.144	53.922	45.019	38.697	40.164
101.0	506.192	463.045	342.829	193.775	71.064	57.396	48.360	41.726	43.148
101.5	509.327	466.404	346.466	197.643	75.027	61.137	51.656	44.798	46.310
102.0	512.730	469.903	350.282	201.600	79.080	64.609	55.085	47.961	49.562
102.5	516.000	473.264	353.963	205.512	83.132	68.529	58.515	51.212	52.768
103.0	519.361	476.715	357.689	209.469	87.364	73.161	62.033	54.463	56.064
103.5	522.719	480.121	361.460	213.514	91.640	76.991	65.596	57.803	59.315
104.0	526.081	483.526	365.276	217.650	95.826	80.241	69.159	61.189	62.789
104.5	529.348	487.112	369.044	221.695	100.101	84.340	72.900	64.661	66.263
105.0	532.797	490.474	372.770	225.740	104.555	88.259	76.597	68.181	69.781
105.5	535.753	493.924	376.629	229.875	108.965	92.400	80.337	71.699	73.299
106.0	539.155	497.374	380.354	234.054	113.418	97.032	84.168	75.262	76.908
106.5	542.335	500.690	384.079	238.279	118.006	101.842	88.043	78.870	80.470
107.0	545.649	504.096	387.849	242.368	122.504	105.360	91.873	82.566	84.345
107.5	548.963	507.545	391.574	246.593	127.091	109.146	95.881	86.218	87.953
108.0	552.143	510.906	395.435	250.905	131.679	113.421	99.800	90.138	91.738
108.5	555.277	514.266	399.249	255.219	136.355	117.787	103.764	93.878	95.480
109.0	558.635	517.493	403.019	259.486	140.987	122.106	107.861	97.798	99.310
109.5	561.724	521.080	406.788	263.710	145.619	126.471	111.915	101.583	103.096
110.0	564.948	524.215	410.469	268.112	150.339	130.880	115.923	105.502	107.060
110.5	568.083	527.578	414.015	272.425	155.060	135.289	120.065	109.421	110.935

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CANDELA TABULATION - (Cont.)

111.0	571.263	530.715	417.740	276.738	159.825	139.744	124.206	113.386	114.898
111.5	574.355	533.987	421.511	281.141	164.591	144.197	128.304	117.394	118.684
112.0	577.311	537.260	425.190	285.498	169.356	148.695	132.535	121.402	122.513
112.5	580.490	540.488	428.960	289.944	174.256	153.282	136.810	125.366	126.433
113.0	583.355	543.715	432.686	294.301	178.977	157.870	140.996	129.330	130.441
113.5	586.491	546.898	436.365	298.837	183.742	162.502	145.316	133.427	134.539
114.0	589.490	549.945	440.045	303.194	188.641	167.045	149.726	137.480	138.547
114.5	592.446	553.083	443.725	307.595	193.362	171.721	154.980	141.667	142.555
115.0	595.224	556.267	447.406	312.042	198.172	176.354	160.592	145.809	146.653
115.5	598.048	559.405	451.041	316.444	203.027	181.075	164.600	149.862	150.617
116.0	601.092	562.319	454.767	320.845	207.881	185.706	167.362	154.003	154.937
116.5	603.827	565.458	458.266	325.248	212.647	190.338	171.192	158.145	158.990
117.0	606.871	568.597	462.037	329.694	217.502	195.148	176.270	162.376	163.221
117.5	609.560	571.466	465.582	334.051	222.445	199.736	181.971	166.429	167.229
118.0	612.250	574.558	469.172	338.498	227.166	204.546	186.513	170.705	171.416
118.5	614.803	577.429	472.942	342.854	232.065	209.267	189.632	174.757	175.558
119.0	617.538	580.210	476.444	347.301	236.920	213.899	193.106	179.122	179.834
119.5	620.273	583.435	480.034	351.658	241.775	218.486	197.381	183.309	183.841
120.0	622.871	586.352	483.580	355.971	246.719	223.163	201.746	187.584	188.296
120.5	625.515	589.178	487.126	360.194	251.529	227.929	206.155	191.816	192.393
121.0	628.160	591.959	490.718	364.595	256.205	232.560	210.519	196.136	196.580
121.5	630.849	594.876	494.174	368.862	261.104	237.148	214.884	201.258	200.767
122.0	633.048	597.702	497.721	373.265	265.958	241.780	219.427	207.093	205.042
122.5	635.783	599.991	501.133	377.533	270.724	246.367	223.792	212.080	209.362
123.0	638.472	602.908	504.634	381.800	275.534	251.089	228.246	215.376	213.638
123.5	641.162	605.643	508.182	386.023	280.389	255.676	232.700	219.340	218.047
124.0	643.406	608.069	511.727	390.247	285.110	260.353	237.199	224.507	223.971
124.5	646.096	610.850	515.138	394.559	289.965	265.074	241.652	228.871	231.676
125.0	648.431	613.721	518.686	398.826	294.686	269.572	246.195	231.811	236.619
125.5	650.629	616.102	522.186	403.095	299.540	274.249	250.649	234.929	238.936
126.0	653.273	618.928	525.466	407.184	304.261	278.880	255.147	239.070	239.737
126.5	655.472	621.399	528.965	411.363	308.982	283.424	259.557	243.346	243.478
127.0	657.807	624.225	532.691	415.541	313.792	288.145	264.010	247.667	247.754
127.5	660.097	626.606	535.880	419.587	318.558	292.732	268.509	251.943	252.075
128.0	662.296	629.032	538.979	423.809	323.234	297.453	273.053	256.263	256.484
128.5	664.585	631.858	542.660	427.988	328.089	302.174	277.372	260.628	260.804
129.0	666.875	634.284	545.849	432.078	332.899	306.761	282.049	265.081	265.213
129.5	666.847	636.664	549.039	436.212	337.664	311.393	286.636	269.402	269.622
130.0	669.182	639.045	552.720	440.346	342.385	316.025	291.179	273.722	274.032
130.5	670.581	641.425	555.864	444.525	347.107	320.747	295.722	278.042	278.485
131.0	672.779	643.315	559.053	448.570	351.917	325.378	300.130	282.407	282.850
131.5	673.333	645.387	562.243	452.659	356.771	329.965	304.629	286.861	287.260
132.0	676.822	647.322	565.433	456.705	361.536	334.553	309.261	291.270	291.802
132.5	679.158	649.212	568.623	460.750	366.392	339.230	313.759	295.679	296.209
133.0	680.157	650.838	571.812	464.706	371.202	343.817	318.435	299.999	300.621
133.5	682.355	652.328	575.002	468.795	375.879	348.494	322.933	304.987	305.030
134.0	685.536	655.199	578.146	472.930	380.600	353.170	327.566	309.352	309.574
134.5	686.489	657.135	580.891	476.974	385.365	357.713	332.153	313.806	313.937
135.0	688.733	660.006	584.080	481.110	390.130	362.478	336.650	318.305	318.615
135.5	691.514	661.450	587.270	484.709	394.896	367.154	341.284	322.848	322.934
136.0	692.422	663.431	590.323	488.844	399.617	371.832	345.782	327.167	327.478
136.5	695.557	665.412	593.159	492.843	404.293	376.329	350.325	331.666	331.796
137.0	695.620	667.747	595.858	496.933	409.060	381.050	354.912	336.076	336.520
137.5	698.218	670.173	599.093	500.623	413.692	385.773	359.321	340.483	340.973
138.0	699.172	671.663	600.810	504.576	418.366	390.313	363.816	344.891	345.152
138.5	701.907	674.534	603.154	508.220	422.865	394.900	368.405	349.569	349.921

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CANDELA TABULATION - (Cont.)

139.0	703.442	675.624	606.344	512.265	427.496	399.354	372.903	353.978	354.465
139.5	704.705	677.514	608.598	515.818	432.175	404.031	377.402	358.478	358.964
140.0	706.104	679.540	611.388	519.417	436.762	408.484	381.767	362.887	363.418
140.5	708.439	681.566	612.796	523.416	441.394	413.117	386.399	367.519	368.229
141.0	709.792	683.502	615.095	526.969	446.116	417.616	390.987	372.240	372.950
141.5	711.637	684.192	618.285	530.968	450.792	422.159	395.485	376.872	377.537
142.0	712.681	686.663	620.538	534.567	455.246	426.701	399.982	381.503	382.169
142.5	714.080	688.598	623.328	538.121	459.699	431.155	404.435	385.912	386.800
143.0	716.279	690.043	625.581	541.765	464.153	435.697	408.889	390.366	391.387
143.5	718.168	691.133	627.880	545.410	469.052	440.329	413.521	395.087	396.020
144.0	717.341	692.714	630.625	549.054	473.551	444.872	417.973	399.717	400.651
144.5	719.767	694.740	632.924	552.653	478.050	449.147	422.517	404.305	405.283
145.0	722.011	696.275	634.777	555.897	482.503	453.601	426.970	408.758	410.093
145.5	722.119	697.811	637.967	559.542	486.957	458.100	431.423	413.345	414.547
146.0	723.473	698.810	639.775	562.786	491.011	462.553	435.788	417.799	419.134
146.5	725.944	700.836	642.120	565.095	495.464	467.007	440.197	422.341	423.721
147.0	726.943	701.835	644.373	568.294	499.918	471.461	444.784	426.838	428.352
147.5	728.833	703.906	646.272	570.648	503.971	476.005	449.193	431.380	432.805
148.0	728.850	704.106	648.571	573.401	508.425	480.413	453.646	435.923	437.482
148.5	729.004	705.196	649.980	577.046	512.479	484.421	458.145	440.466	442.025
149.0	730.358	707.222	652.279	580.245	516.978	488.475	462.553	444.918	446.656
149.5	731.048	706.530	653.687	582.599	520.986	492.974	467.007	449.238	451.111
150.0	731.465	708.466	655.986	586.289	524.994	497.428	471.461	453.692	456.009
150.5	732.909	709.556	658.776	589.088	529.002	501.481	475.914	458.591	460.463
151.0	732.972	710.646	659.339	592.332	533.056	505.489	479.968	462.999	465.316
151.5	734.462	710.890	662.083	595.086	537.110	509.943	484.421	467.498	469.815
152.0	734.571	711.581	663.092	598.331	541.163	513.997	488.875	471.906	474.669
152.5	734.188	712.671	664.991	600.684	545.172	518.005	493.374	476.359	479.168
153.0	734.296	712.870	666.890	603.929	548.780	522.059	497.337	480.368	483.622
153.5	735.741	714.005	668.298	606.728	551.052	526.067	501.836	485.267	488.075
154.0	734.958	714.695	669.307	609.973	555.506	530.566	505.844	489.675	493.019
154.5	735.957	714.940	670.224	612.327	558.623	534.129	510.297	494.128	497.518
155.0	736.911	715.585	672.032	614.680	561.341	538.228	514.351	498.136	501.927
155.5	736.619	715.430	673.304	617.525	564.504	542.190	518.805	502.590	506.426
156.0	735.346	716.120	674.131	619.833	568.512	546.290	522.858	507.043	510.834
156.5	736.345	716.855	675.048	622.678	571.675	548.516	526.866	511.452	514.842
157.0	736.808	716.609	676.411	625.077	575.283	552.570	530.875	515.460	519.341
157.5	734.762	716.899	677.328	626.940	578.401	556.133	535.374	519.913	523.794
158.0	734.897	715.854	678.382	629.294	581.564	559.696	539.382	524.367	528.248
158.5	733.705	716.144	678.991	631.248	585.127	562.413	542.945	528.375	532.256
159.0	732.478	716.434	680.045	633.602	588.289	565.976	545.617	532.383	536.710
159.5	733.659	716.679	680.653	636.001	590.962	569.984	551.007	536.837	540.718
160.0	732.203	716.433	681.307	637.910	594.570	573.147	553.233	540.845	545.172
160.5	731.158	716.141	682.407	639.418	597.288	576.756	557.287	544.853	549.225
161.0	731.529	716.204	683.061	641.372	599.514	579.873	560.405	547.971	553.633
161.5	730.665	714.576	684.114	643.281	603.077	583.436	563.122	551.979	557.196
162.0	730.074	713.885	683.032	645.235	605.304	586.599	567.130	555.987	558.887
162.5	728.401	712.794	684.577	645.853	608.912	590.207	570.248	559.105	562.804
163.0	727.928	713.529	684.386	648.252	611.184	593.770	574.747	562.222	566.230
163.5	727.100	712.084	684.640	649.270	614.302	596.488	577.864	566.230	570.193
164.0	727.345	712.065	685.294	650.778	616.529	599.160	580.982	569.793	573.710
164.5	725.899	710.665	685.103	651.796	619.246	602.277	585.036	573.847	578.518
165.0	724.499	710.600	685.357	653.305	621.919	605.840	588.598	576.964	582.081
165.5	722.208	708.309	685.211	654.768	624.636	608.112	591.271	580.082	585.199
166.0	722.189	707.445	684.974	656.276	626.863	610.785	594.434	584.090	589.561
166.5	721.189	706.536	685.274	657.785	628.644	613.948	597.951	587.653	593.570

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CANDELA TABULATION - (Cont.)

167.0	720.097	705.627	684.683	657.558	630.917	616.174	601.559	590.816	597.132
167.5	718.161	703.917	684.537	658.666	632.743	618.846	603.786	594.870	600.250
168.0	715.070	702.608	684.391	659.775	634.970	621.564	607.394	598.432	603.858
168.5	714.606	701.562	684.246	660.929	637.197	624.236	611.003	602.041	607.376
169.0	711.915	700.026	683.209	660.257	639.469	626.908	613.184	604.713	610.448
169.5	710.560	698.362	683.063	661.765	640.760	628.690	616.747	608.721	613.074
170.0	709.206	696.653	682.472	662.029	642.096	631.407	619.464	611.393	616.637
170.5	707.896	695.880	681.036	662.737	643.477	633.634	621.737	614.556	619.800
171.0	705.160	694.261	681.381	663.046	644.368	635.861	624.009	617.674	622.518
171.5	703.005	692.643	679.454	663.355	646.640	637.242	626.726	620.882	626.081
172.0	701.832	690.625	679.399	664.064	648.467	639.469	629.399	622.663	628.662
172.5	699.723	688.652	677.962	663.928	649.758	641.696	632.071	626.226	632.179
173.0	696.769	687.034	676.617	663.837	650.694	643.923	634.743	628.898	633.915
173.5	695.196	685.016	676.208	664.637	651.539	644.814	636.970	631.125	637.078
174.0	693.532	683.443	674.417	664.546	651.985	647.040	638.751	633.843	640.150
174.5	690.933	680.580	673.163	664.455	653.366	649.267	640.932	636.515	641.486
175.0	688.333	678.607	671.908	663.518	654.702	650.603	642.714	638.696	644.113
175.5	685.778	676.725	670.699	664.409	655.548	651.448	644.986	640.968	645.894
176.0	685.096	674.889	669.535	664.364	656.484	653.275	647.167	643.241	649.502
176.5	681.388	672.253	668.417	663.964	656.884	654.166	649.885	645.513	650.884
177.0	679.460	670.599	666.500	663.964	656.975	655.502	650.330	647.694	653.111
177.5	676.597	668.099	665.963	663.073	657.820	655.947	652.557	649.476	654.401
178.0	673.915	666.581	665.027	663.073	658.265	657.284	653.848	652.193	658.010
178.5	671.061	663.818	663.691	662.628	658.265	658.620	655.184	653.929	660.191
179.0	669.144	662.882	661.910	662.628	658.711	659.065	657.456	655.711	661.082
179.5	667.317	661.146	661.019	661.737	658.711	659.956	658.347	657.092	664.690
180.0	660.392	660.392	660.392	660.392	660.392	660.392	660.392	660.392	660.392

IES INDOOR REPORT**PHOTOMETRIC FILENAME : CMH-2-00-L25-950U-L25-950D-DMA-DIM-UNV_.IES****ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	245.19	N.A.	5.50
0-30	520.84	N.A.	11.70
0-40	854.36	N.A.	19.20
0-60	1547.45	N.A.	34.70
0-80	2072.49	N.A.	46.50
0-90	2237.42	N.A.	50.20
10-90	2174.08	N.A.	48.80
20-40	609.18	N.A.	13.70
20-50	962.82	N.A.	21.60
40-70	988.18	N.A.	22.20
60-80	525.04	N.A.	11.80
70-80	229.95	N.A.	5.20
80-90	164.93	N.A.	3.70
90-110	393.39	N.A.	8.80
90-120	686.41	N.A.	15.40
90-130	1023.45	N.A.	23.00
90-150	1704.91	N.A.	38.20
90-180	2219.96	N.A.	49.80
110-180	1826.57	N.A.	41.00
0-180	4457.38	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	63.34
10-20	181.85
20-30	275.65
30-40	333.53
40-50	353.64
50-60	339.44
60-70	295.10
70-80	229.95
80-90	164.93
90-100	164.69
100-110	228.70
110-120	293.02
120-130	337.04
130-140	350.94
140-150	330.52
150-160	272.71
160-170	179.71
170-180	62.63

IES INDOOR REPORT

PHOTOMETRIC FILENAME : CMH-2-00-L25-950U-L25-950D-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-L25-950U-L25-950D-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

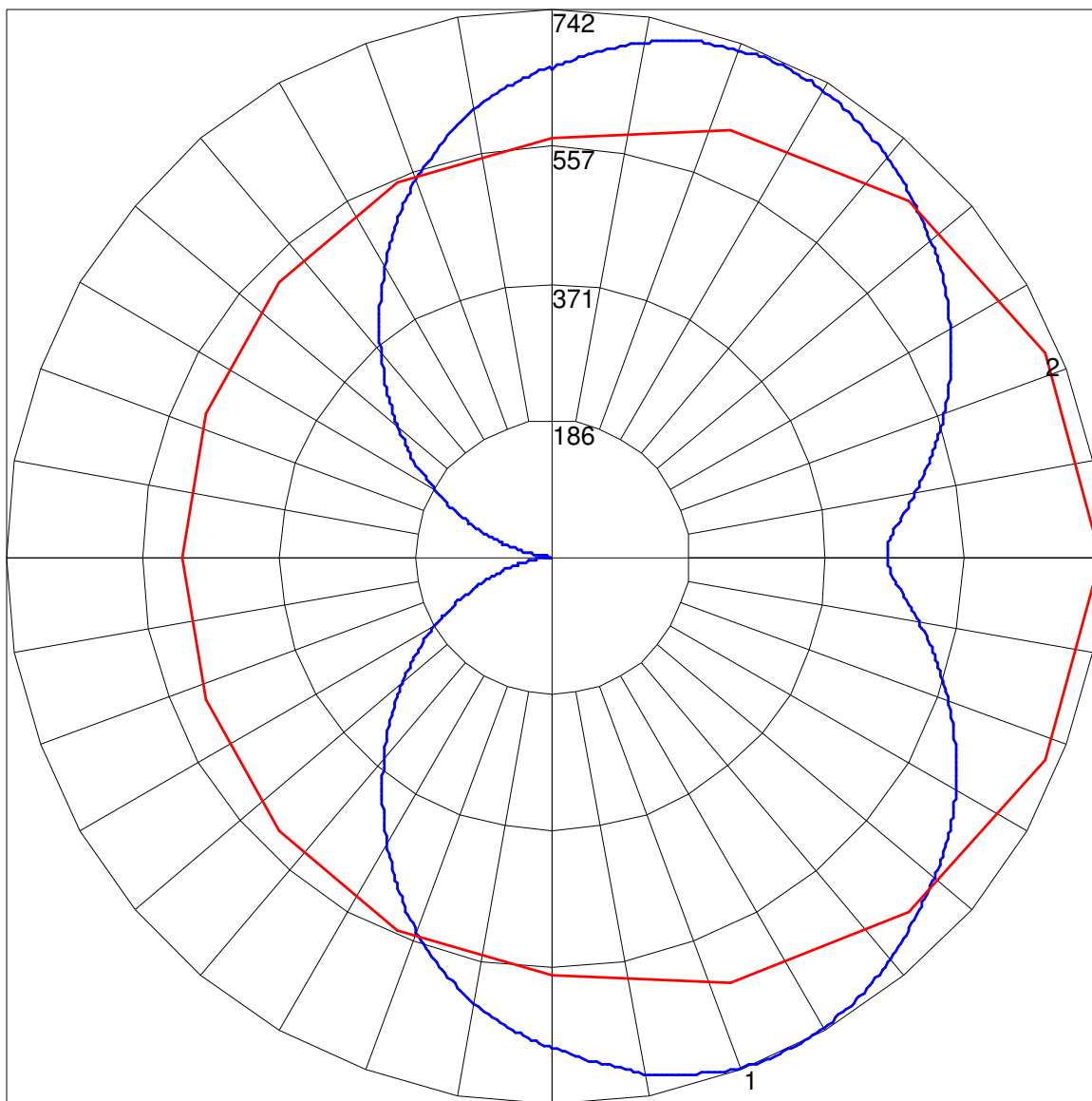
X=2H	Y=2H	21.3	22.2	22.2	23.1	24.4	15.4	16.3	16.3	17.2	18.5
	3H	24.3	25.1	25.3	26.1	27.4	16.7	17.6	17.7	18.5	19.8
	4H	25.9	26.6	26.8	27.6	28.9	17.2	17.9	18.1	18.9	20.2
	6H	27.5	28.2	28.5	29.2	30.5	17.4	18.1	18.4	19.1	20.4
	8H	28.3	29.0	29.3	30.0	31.4	17.4	18.1	18.4	19.1	20.5
	12H	29.3	29.9	30.3	30.9	32.3	17.5	18.1	18.5	19.1	20.5

UGR Viewed Endwise

4H	2H	21.6	22.3	22.5	23.3	24.6	16.6	17.4	17.6	18.4	19.7
	3H	24.8	25.5	25.8	26.5	27.8	18.2	18.9	19.2	19.9	21.2
	4H	26.5	27.2	27.5	28.2	29.5	18.8	19.4	19.8	20.4	21.8
	6H	28.4	28.9	29.4	30.0	31.3	19.2	19.7	20.2	20.8	22.1
	8H	29.4	29.9	30.4	30.9	32.2	19.3	19.8	20.3	20.8	22.2
	12H	30.4	30.9	31.4	31.9	33.2	19.3	19.8	20.4	20.8	22.2
8H	4H	26.7	27.2	27.7	28.2	29.6	19.9	20.4	20.9	21.4	22.8
	6H	28.7	29.1	29.7	30.2	31.5	20.5	20.9	21.6	22.0	23.4
	8H	29.8	30.2	30.9	31.2	32.6	20.8	21.1	21.8	22.2	23.5
	12H	31.1	31.4	32.1	32.4	33.8	20.9	21.2	21.9	22.3	23.7
12H	4H	26.7	27.1	27.7	28.1	29.5	20.2	20.7	21.3	21.7	23.1
	6H	28.7	29.1	29.8	30.1	31.5	21.0	21.4	22.1	22.5	23.8
	8H	29.9	30.2	30.9	31.3	32.7	21.4	21.7	22.4	22.7	24.1

Maximum UGR = 33.8

POLAR GRAPH



Maximum Candela = 742.153 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.)