

IES INDOOR REPORT

PHOTOMETRIC FILENAME : CMH-2-00-L25-930U-L25-930D-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-L25-930U-L25-930D-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	4107
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	96
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	16963	15808	14908
55	16863	15067	13498
65	16892	14475	11815
75	17185	14058	9357
85	18065	14243	5678

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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	614.615	614.615	614.615	614.615	614.615	614.615	614.615	614.615	614.615
0.5	615.478	616.504	615.362	617.703	613.513	616.701	612.561	612.528	612.587
1.0	617.154	617.966	617.621	618.204	613.135	615.781	610.803	610.771	610.870
1.5	619.372	619.929	618.286	619.543	613.135	614.064	609.883	608.635	607.937
2.0	621.253	622.352	619.789	619.666	612.675	612.766	608.207	606.918	606.220
2.5	623.972	624.019	621.793	620.208	612.256	611.928	606.531	605.661	604.586
3.0	625.771	626.524	623.378	620.331	611.837	611.090	605.275	603.147	602.450
3.5	628.153	628.734	624.544	621.752	611.837	609.373	603.180	601.431	601.193
4.0	631.291	630.943	626.548	621.875	610.958	607.698	602.342	599.336	598.260
4.5	632.712	632.774	628.133	621.620	610.539	607.279	600.247	597.241	595.706
5.0	633.500	635.066	629.505	623.000	609.702	605.184	597.733	595.105	593.233
5.5	636.424	636.938	629.956	623.164	608.445	603.089	596.477	593.010	591.976
6.0	638.387	638.432	631.163	622.909	607.566	602.629	594.801	591.294	589.421
6.5	639.972	641.266	632.411	622.696	606.769	600.994	592.624	588.320	586.949
7.0	641.557	643.056	633.241	622.778	606.309	599.655	590.529	585.765	583.975
7.5	643.175	644.550	634.111	622.605	604.173	597.561	588.015	583.670	581.042
8.0	646.287	645.626	635.187	621.512	602.916	595.466	585.921	581.116	578.110
8.5	649.044	647.202	636.262	622.136	602.497	594.209	583.785	578.602	575.218
9.0	652.813	648.861	637.214	621.463	600.403	592.073	581.230	575.209	572.285
9.5	654.677	650.306	637.789	621.668	599.105	589.560	578.716	572.655	571.447
10.0	656.754	652.547	638.322	621.076	597.848	587.843	576.622	570.141	566.839
10.5	658.791	653.869	639.275	620.443	595.753	585.789	574.067	567.167	564.785
11.0	660.030	654.813	639.849	619.433	594.874	583.653	571.093	565.072	561.853
11.5	661.147	656.299	640.005	618.422	592.360	581.139	568.621	561.680	558.082
12.0	661.844	657.365	640.579	618.249	590.685	579.842	566.066	558.747	554.771
12.5	664.259	659.270	640.776	617.239	589.387	576.449	563.133	555.814	551.839
13.0	665.621	660.296	641.054	616.228	587.711	574.354	560.159	552.422	547.731
13.5	666.688	661.659	641.333	615.636	584.778	571.840	557.605	549.029	545.300
14.0	668.716	662.520	641.652	614.667	583.480	568.448	553.834	545.678	541.652
14.5	670.120	663.423	641.052	613.196	581.386	566.353	550.861	542.326	537.923
15.0	670.144	663.866	641.249	612.226	578.412	563.798	547.928	538.974	534.193
15.5	671.014	664.350	641.190	610.337	575.898	561.244	544.535	535.204	532.098
16.0	671.383	665.252	640.713	608.784	573.762	558.311	541.980	531.852	527.030
16.5	673.189	666.155	641.493	608.233	571.668	555.378	538.629	528.920	524.516
17.0	675.167	665.801	641.435	606.344	569.573	551.986	535.655	525.108	522.044
17.5	675.478	667.164	640.916	603.994	566.599	549.850	531.844	522.553	517.813
18.0	676.668	666.809	640.398	603.025	563.667	545.619	528.073	518.783	514.880
18.5	678.277	667.334	639.757	601.217	560.693	543.106	526.356	516.688	511.069
19.0	677.873	667.859	639.616	599.910	558.179	539.713	523.005	512.917	507.298
19.5	679.769	667.924	638.556	598.226	555.206	537.158	519.193	509.147	503.068
20.0	680.704	667.652	638.416	596.000	552.692	533.807	517.517	505.376	499.297
20.5	680.974	668.177	636.977	594.192	550.137	530.414	513.706	501.565	495.067
21.0	681.203	667.864	636.418	591.711	546.367	527.062	509.935	497.794	491.296
21.5	681.892	668.051	635.399	590.445	543.812	525.346	506.583	493.605	487.106
22.0	682.786	667.902	634.421	588.802	540.460	521.156	502.772	489.834	482.876
22.5	683.302	667.754	633.401	586.657	537.068	518.141	498.960	486.063	479.105
23.0	682.940	667.982	632.423	584.472	534.094	513.952	495.190	481.874	474.875
23.5	683.037	667.538	631.823	581.449	530.323	512.276	491.378	477.684	470.685
24.0	683.512	667.471	630.426	579.846	527.810	508.883	487.566	473.873	466.077
24.5	683.782	667.322	629.447	577.406	523.998	505.113	483.796	469.724	462.306
25.0	683.214	667.214	627.631	575.640	522.741	501.260	479.984	465.494	458.076
25.5	682.227	666.268	626.653	573.495	519.767	497.490	476.214	461.304	453.467
26.0	682.497	666.037	625.256	570.094	516.835	493.678	471.983	457.534	449.656
26.5	681.970	664.968	623.900	567.489	513.023	489.907	468.172	453.344	445.006

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CANDELA TABULATION - (Cont.)

27.0	681.024	664.318	623.003	565.345	509.212	486.055	463.982	449.155	440.817
27.5	680.998	664.087	620.472	563.201	505.819	482.284	460.171	444.924	436.586
28.0	681.268	663.018	618.820	559.339	502.048	478.054	456.359	440.735	431.978
28.5	680.158	661.949	617.546	557.573	498.697	474.283	452.169	436.545	427.747
29.0	679.254	661.718	616.272	554.172	494.507	470.472	447.980	431.937	423.558
29.5	679.064	659.811	614.661	550.688	490.696	466.282	443.749	427.747	419.159
30.0	678.742	658.660	612.968	548.503	486.884	462.010	439.979	423.517	414.803
30.5	677.673	657.714	611.275	545.521	483.114	458.240	435.748	419.285	410.613
31.0	677.524	657.064	609.623	542.456	479.343	454.009	431.559	415.054	406.257
31.5	676.619	656.332	607.092	541.109	475.531	449.820	427.369	410.906	401.942
32.0	675.213	655.263	605.859	537.625	471.342	446.008	423.139	406.590	397.794
32.5	675.483	653.776	603.706	535.859	467.530	441.778	418.907	402.401	393.397
33.0	673.199	653.167	601.931	532.876	463.760	437.588	414.676	398.002	388.998
33.5	673.592	651.219	599.737	529.434	459.529	433.358	410.486	393.771	384.766
34.0	673.024	649.772	597.124	526.411	455.340	429.168	406.256	389.623	380.368
34.5	671.700	648.284	594.511	522.928	451.109	425.357	402.024	385.308	376.095
35.0	670.130	646.796	592.777	519.485	446.920	421.041	397.877	381.077	371.947
35.5	669.143	645.768	590.961	516.462	443.149	416.811	393.729	376.804	367.590
36.0	667.565	643.442	588.430	513.020	438.959	412.579	389.498	372.614	363.234
36.5	666.660	641.955	586.654	509.577	434.351	408.349	385.100	368.508	358.919
37.0	665.213	640.927	583.581	506.094	430.120	404.243	380.994	364.194	354.562
37.5	663.930	638.642	580.927	502.652	425.931	399.887	376.804	359.837	350.457
38.0	663.403	636.735	579.234	499.209	421.741	395.655	372.531	355.731	346.017
38.5	660.782	635.288	575.783	495.767	417.469	391.340	368.342	351.459	341.618
39.0	659.499	634.260	573.548	491.906	413.112	387.194	364.068	347.269	337.344
39.5	657.674	631.934	573.868	488.422	408.881	382.962	359.963	342.996	333.113
40.0	657.188	630.488	571.296	484.980	404.523	378.605	355.816	338.807	329.007
40.5	654.649	628.959	568.724	481.119	400.167	374.374	351.501	334.617	324.776
41.0	652.742	626.756	566.070	477.636	395.936	370.143	347.311	330.386	320.462
41.5	650.621	624.849	563.498	473.856	391.495	365.745	343.038	326.281	316.314
42.0	650.094	623.320	560.425	470.455	387.180	361.722	338.849	322.008	312.167
42.5	648.352	621.454	557.812	467.054	382.823	357.450	334.618	317.735	308.061
43.0	646.190	618.291	555.117	463.735	378.466	353.135	330.428	313.713	303.705
43.5	645.162	616.803	552.545	459.955	373.900	348.819	326.113	309.399	299.640
44.0	642.959	614.896	549.554	456.176	369.627	344.589	321.798	305.167	295.660
44.5	641.217	613.030	546.440	452.356	365.186	340.399	317.567	301.020	291.514
45.0	639.934	611.542	543.868	448.914	360.829	335.959	313.378	296.747	287.450
45.5	637.189	608.839	540.836	445.136	356.472	331.685	309.021	292.641	283.177
46.0	636.999	606.973	537.804	441.401	352.031	327.370	304.831	288.494	279.072
46.5	634.460	605.904	535.191	437.622	347.632	323.097	300.516	284.263	275.134
47.0	633.514	605.254	532.159	433.761	343.066	318.824	296.285	280.199	271.154
47.5	632.108	603.511	529.086	430.108	338.541	314.467	292.054	276.010	266.923
48.0	630.406	601.062	526.177	426.454	334.058	309.985	287.906	272.030	262.817
48.5	627.662	598.860	523.022	422.759	329.659	305.628	283.591	267.883	258.753
49.0	625.960	596.534	520.031	418.938	325.261	301.313	279.360	263.861	254.606
49.5	624.299	594.208	516.958	415.118	320.820	297.081	275.212	259.798	250.668
50.0	624.528	592.383	513.885	411.381	316.338	292.767	271.065	255.734	246.520
50.5	621.529	590.057	510.894	407.521	311.897	288.326	266.792	251.879	242.499
51.0	620.961	587.814	507.903	403.785	307.498	284.053	262.644	247.774	238.436
51.5	618.881	585.529	504.411	399.923	303.099	279.654	258.413	243.710	234.498
52.0	616.802	582.784	501.297	395.895	298.616	275.422	254.349	239.731	230.644
52.5	615.018	580.499	498.306	392.118	294.217	271.150	250.202	235.751	226.622
53.0	612.815	578.133	494.855	388.173	289.776	266.793	246.013	231.771	222.558
53.5	610.612	575.889	491.740	384.270	285.461	262.394	241.823	227.833	218.495
54.0	608.574	573.522	488.500	380.283	280.979	258.163	237.676	223.769	214.891
54.5	606.371	570.941	485.133	376.254	276.664	253.973	233.571	219.874	210.913

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CANDELA TABULATION - (Cont.)

55.0	604.251	568.575	481.934	372.352	272.265	249.617	229.423	215.852	206.890
55.5	602.089	565.830	478.776	368.281	267.908	245.219	225.319	211.872	203.035
56.0	599.968	563.545	475.493	364.337	263.467	240.986	221.254	208.059	198.973
56.5	597.930	560.800	472.084	360.225	259.067	236.672	217.023	203.954	195.244
57.0	595.768	558.557	468.719	356.154	254.627	232.440	213.084	200.184	191.556
57.5	593.187	555.853	465.475	352.084	250.269	228.043	209.063	196.120	187.493
58.0	590.903	553.067	462.151	347.888	245.745	223.768	204.916	192.308	183.597
58.5	588.864	550.363	458.745	343.818	241.304	219.537	200.936	188.411	179.659
59.0	586.702	547.742	455.211	339.621	236.780	215.265	196.956	184.473	175.930
59.5	584.163	544.915	451.926	335.426	232.213	210.949	193.017	180.661	172.118
60.0	581.418	542.170	448.393	331.356	227.730	206.593	189.079	176.807	168.263
60.5	578.920	539.467	445.110	327.286	223.289	202.320	185.058	172.994	164.409
61.0	576.758	536.720	441.702	323.299	218.890	198.005	181.036	169.140	160.597
61.5	574.136	533.975	438.294	319.187	214.408	193.815	177.014	165.285	156.742
62.0	571.096	531.063	434.718	314.991	210.008	189.501	173.160	161.432	153.055
62.5	568.515	528.191	431.350	310.879	205.483	185.269	169.138	157.536	149.159
63.0	565.935	525.444	427.986	306.768	201.126	180.912	165.117	153.723	145.431
63.5	563.354	522.406	424.577	302.655	196.685	176.597	161.178	149.952	141.576
64.0	560.814	519.452	421.002	298.543	192.244	172.491	157.198	146.056	137.974
64.5	557.815	516.540	417.636	294.431	187.846	168.218	153.134	142.243	134.496
65.0	554.942	513.628	413.936	290.152	183.405	164.029	149.070	138.473	130.600
65.5	552.029	510.548	410.527	285.915	178.923	159.755	145.174	134.660	126.913
66.0	549.197	507.383	407.077	281.804	174.565	155.483	141.110	130.931	123.310
66.5	546.530	504.346	403.419	277.650	170.208	151.209	137.215	127.077	119.707
67.0	543.531	501.307	400.010	273.496	165.850	147.020	133.401	123.390	116.230
67.5	540.616	498.268	396.350	269.217	161.492	142.914	129.505	119.662	112.585
68.0	537.742	495.106	392.776	264.980	156.927	138.850	125.568	115.975	108.856
68.5	534.701	491.942	389.243	260.785	152.528	134.577	121.630	112.288	105.169
69.0	532.038	488.821	385.542	256.674	148.213	130.513	117.734	108.601	101.776
69.5	529.038	485.783	382.092	252.604	143.897	126.324	114.046	104.998	98.257
70.0	526.206	482.617	378.392	248.534	139.540	122.260	110.234	101.395	94.737
70.5	523.289	479.413	374.816	244.423	135.226	118.113	106.464	97.709	91.093
71.0	520.457	476.248	371.200	240.188	130.868	114.091	102.693	94.231	87.573
71.5	517.581	473.083	367.417	236.119	126.762	110.069	99.007	90.754	84.096
72.0	514.460	469.713	363.883	232.174	122.488	106.047	95.320	87.277	80.911
72.5	511.501	466.631	360.266	228.147	117.922	102.067	91.675	83.925	77.350
73.0	508.421	463.385	356.733	224.245	113.816	98.171	88.114	80.406	73.999
73.5	505.421	460.054	353.160	220.217	109.585	94.401	84.511	76.970	70.563
74.0	502.462	456.849	349.460	216.191	105.437	90.588	80.950	73.702	67.296
74.5	499.257	453.479	345.885	212.207	101.415	86.818	77.472	70.392	64.238
75.0	496.215	450.273	342.146	208.345	97.351	83.047	74.037	67.125	60.928
75.5	493.092	446.943	338.572	204.320	93.370	79.360	70.601	63.773	57.785
76.0	489.927	443.738	335.165	200.377	89.390	75.757	67.124	60.631	54.727
76.5	486.758	440.367	331.509	196.641	85.410	72.196	63.689	57.364	51.711
77.0	483.552	437.205	327.936	192.658	81.555	68.635	60.504	54.305	48.903
77.5	480.344	433.876	324.364	188.964	77.617	65.116	57.195	51.205	45.971
78.0	477.222	430.672	320.915	185.189	73.930	61.597	53.969	48.230	43.122
78.5	473.847	427.345	317.508	181.621	70.201	58.161	50.785	45.297	40.273
79.0	470.683	423.934	314.020	177.847	66.597	54.852	47.643	42.364	37.382
79.5	467.476	420.731	310.613	174.197	62.952	51.584	44.584	39.432	34.743
80.0	464.188	417.486	307.167	170.591	59.349	48.399	41.609	36.666	32.061
80.5	460.899	414.202	303.720	167.191	55.871	45.215	38.677	33.901	29.464
81.0	457.818	411.040	300.524	163.792	52.519	42.115	35.828	31.220	26.783
81.5	454.654	407.629	297.204	160.394	49.251	39.139	33.020	28.581	24.185
82.0	451.448	404.469	294.008	156.997	46.025	36.207	30.214	25.983	21.756
82.5	448.574	401.602	290.855	153.724	42.799	33.400	27.615	23.594	19.450

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CANDELA TABULATION - (Cont.)

83.0	445.454	398.524	287.619	150.659	39.699	30.551	25.018	21.164	17.063
83.5	442.501	395.405	284.466	147.637	36.724	27.785	22.546	18.776	14.759
84.0	439.629	392.454	281.481	144.617	33.834	25.145	20.116	16.472	12.496
84.5	436.674	389.421	278.455	141.596	30.985	22.590	17.644	14.168	10.402
85.0	433.887	386.345	275.471	138.743	28.220	20.118	15.298	12.031	8.516
85.5	431.140	383.519	272.361	135.890	25.497	17.646	13.035	9.978	6.840
86.0	428.396	380.816	269.377	133.162	22.857	15.258	10.857	8.135	5.625
86.5	425.856	378.360	266.684	130.435	20.302	12.953	8.762	6.710	4.786
87.0	423.521	376.644	264.029	127.916	17.872	10.691	6.918	5.579	4.241
87.5	421.842	375.340	262.035	125.314	15.442	8.511	5.619	4.866	3.905
88.0	421.029	374.735	260.614	122.753	12.970	6.375	4.697	4.363	3.736
88.5	420.417	374.292	259.725	120.520	10.498	4.615	4.193	3.986	3.527
89.0	420.054	374.181	259.498	118.986	7.984	3.777	3.900	3.859	3.485
89.5	419.981	374.112	259.311	118.478	5.845	3.483	3.775	3.733	3.443
90.0	420.029	374.083	259.333	118.507	4.999	3.399	3.732	3.733	3.484
90.5	419.706	374.180	259.357	118.745	5.939	3.398	3.731	3.732	3.441
91.0	419.881	374.487	259.670	119.860	7.990	3.438	3.689	3.773	3.441
91.5	419.974	375.044	260.361	121.814	10.452	4.095	3.730	3.731	3.399
92.0	420.485	375.935	261.929	124.146	12.832	5.284	3.853	3.689	3.481
92.5	421.036	377.451	264.082	126.478	15.129	7.213	4.181	3.812	3.563
93.0	422.174	379.347	266.653	129.183	17.425	9.469	5.001	3.976	3.851
93.5	423.646	381.742	269.391	131.597	19.805	11.726	6.396	4.427	4.507
94.0	425.829	384.471	272.209	134.341	22.308	14.024	8.284	5.329	5.779
94.5	428.472	387.243	274.861	137.044	24.852	16.239	10.459	6.766	7.543
95.0	431.240	390.221	277.970	139.745	27.479	18.660	12.673	8.489	9.512
95.5	434.008	393.240	280.953	142.572	30.187	21.123	14.971	10.582	11.770
96.0	436.900	396.050	283.894	145.479	32.977	23.584	17.434	12.839	13.986
96.5	439.709	398.944	286.918	148.511	35.848	26.169	19.855	15.095	16.366
97.0	442.559	401.880	289.942	151.583	38.803	28.754	22.358	17.475	18.786
97.5	445.492	404.896	293.008	154.655	41.881	31.503	24.902	19.979	21.166
98.0	448.339	407.912	296.075	157.931	44.917	34.293	27.446	22.400	23.586
98.5	451.353	411.011	299.305	161.250	48.159	37.166	30.112	24.943	26.213
99.0	454.325	414.152	302.535	164.525	51.524	40.243	32.862	27.528	28.840
99.5	457.298	417.208	305.806	167.967	54.888	43.280	35.693	30.237	31.590
100.0	460.270	420.348	309.159	171.448	58.334	46.480	38.524	32.945	34.215
100.5	463.242	423.528	312.470	174.930	61.863	49.681	41.478	35.654	37.005
101.0	466.379	426.626	315.865	178.534	65.475	52.881	44.557	38.444	39.754
101.5	469.268	429.721	319.216	182.098	69.126	56.329	47.593	41.275	42.668
102.0	472.403	432.944	322.731	185.744	72.860	59.528	50.753	44.188	45.664
102.5	475.416	436.041	326.123	189.348	76.594	63.139	53.912	47.184	48.618
103.0	478.513	439.220	329.556	192.994	80.493	67.407	57.154	50.179	51.655
103.5	481.606	442.359	333.030	196.721	84.432	70.936	60.436	53.257	54.650
104.0	484.704	445.496	336.546	200.531	88.289	73.930	63.719	56.376	57.851
104.5	487.714	448.800	340.019	204.258	92.228	77.706	67.166	59.576	61.051
105.0	490.892	451.897	343.451	207.985	96.332	81.317	70.572	62.818	64.293
105.5	493.615	455.076	347.007	211.795	100.395	85.133	74.018	66.060	67.534
106.0	496.750	458.255	350.439	215.645	104.497	89.400	77.548	69.342	70.859
106.5	499.680	461.310	353.871	219.538	108.724	93.832	81.118	72.667	74.141
107.0	502.733	464.448	357.344	223.306	112.869	97.074	84.647	76.072	77.711
107.5	505.786	467.626	360.776	227.198	117.095	100.561	88.340	79.436	81.035
108.0	508.716	470.722	364.333	231.171	121.322	104.500	91.950	83.048	84.523
108.5	511.603	473.818	367.847	235.145	125.631	108.523	95.602	86.494	87.970
109.0	514.697	476.791	371.321	239.077	129.898	112.502	99.377	90.106	91.499
109.5	517.544	480.096	374.793	242.969	134.165	116.524	103.112	93.594	94.987
110.0	520.514	482.985	378.185	247.025	138.515	120.586	106.805	97.204	98.640
110.5	523.403	486.083	381.452	250.998	142.864	124.648	110.621	100.815	102.210

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CANDELA TABULATION - (Cont.)

111.0	526.332	488.974	384.884	254.972	147.255	128.753	114.437	104.468	105.861
111.5	529.181	491.988	388.358	259.028	151.645	132.856	118.212	108.161	109.349
112.0	531.904	495.003	391.748	263.043	156.036	137.000	122.110	111.854	112.877
112.5	534.834	497.977	395.222	267.139	160.550	141.227	126.050	115.506	116.489
113.0	537.473	500.951	398.655	271.153	164.900	145.453	129.907	119.158	120.182
113.5	540.362	503.884	402.044	275.333	169.290	149.721	133.887	122.933	123.957
114.0	543.126	506.691	405.434	279.347	173.804	153.907	137.950	126.667	127.650
114.5	545.849	509.582	408.825	283.402	178.153	158.215	142.791	130.525	131.343
115.0	548.408	512.516	412.216	287.500	182.586	162.483	147.961	134.341	135.119
115.5	551.010	515.407	415.566	291.555	187.058	166.833	151.654	138.075	138.771
116.0	553.815	518.091	418.999	295.610	191.531	171.100	154.199	141.891	142.751
116.5	556.335	520.984	422.223	299.667	195.922	175.368	157.728	145.707	146.485
117.0	559.139	523.876	425.697	303.763	200.395	179.799	162.406	149.605	150.384
117.5	561.617	526.519	428.963	307.777	204.950	184.026	167.659	153.339	154.076
118.0	564.095	529.368	432.271	311.875	209.299	188.458	171.843	157.279	157.934
118.5	566.448	532.013	435.744	315.888	213.813	192.808	174.717	161.012	161.750
119.0	568.967	534.575	438.971	319.985	218.286	197.076	177.918	165.034	165.690
119.5	571.487	537.547	442.279	324.000	222.759	201.302	181.857	168.891	169.382
120.0	573.882	540.235	445.546	327.973	227.314	205.610	185.878	172.830	173.486
120.5	576.318	542.838	448.813	331.864	231.746	210.002	189.940	176.729	177.261
121.0	578.754	545.400	452.122	335.919	236.054	214.269	193.961	180.710	181.119
121.5	581.232	548.088	455.307	339.851	240.568	218.496	197.983	185.428	184.976
122.0	583.258	550.691	458.575	343.907	245.040	222.764	202.169	190.804	188.915
122.5	585.777	552.801	461.718	347.839	249.431	226.990	206.190	195.399	192.895
123.0	588.255	555.488	464.944	351.771	253.863	231.341	210.294	198.437	196.835
123.5	590.733	558.008	468.213	355.662	258.336	235.567	214.397	202.089	200.897
124.0	592.801	560.243	471.479	359.553	262.685	239.875	218.543	206.849	206.355
124.5	595.279	562.805	474.621	363.526	267.159	244.226	222.646	210.870	213.455
125.0	597.430	565.451	477.890	367.458	271.508	248.370	226.831	213.579	218.008
125.5	599.456	567.644	481.115	371.391	275.981	252.678	230.935	216.452	220.143
126.0	601.892	570.248	484.137	375.158	280.330	256.946	235.080	220.267	220.882
126.5	603.918	572.525	487.361	379.008	284.680	261.132	239.142	224.207	224.328
127.0	606.070	575.129	490.794	382.858	289.112	265.482	243.245	228.188	228.267
127.5	608.179	577.322	493.732	386.586	293.503	269.708	247.390	232.127	232.248
128.0	610.205	579.557	496.587	390.476	297.811	274.057	251.577	236.107	236.311
128.5	612.314	582.161	499.978	394.326	302.284	278.408	255.556	240.129	240.291
129.0	614.424	584.396	502.917	398.094	306.716	282.634	259.865	244.232	244.353
129.5	614.398	586.590	505.856	401.903	311.107	286.902	264.092	248.213	248.415
130.0	616.550	588.783	509.247	405.712	315.456	291.169	268.277	252.193	252.478
130.5	617.838	590.976	512.144	409.563	319.806	295.519	272.463	256.173	256.582
131.0	619.864	592.717	515.083	413.289	324.238	299.787	276.525	260.195	260.603
131.5	620.374	594.626	518.022	417.057	328.710	304.013	280.670	264.298	264.666
132.0	623.589	596.409	520.961	420.784	333.101	308.239	284.937	268.361	268.851
132.5	625.741	598.150	523.900	424.511	337.574	312.549	289.081	272.423	272.912
133.0	626.661	599.649	526.838	428.156	342.006	316.775	293.390	276.404	276.977
133.5	628.687	601.021	529.777	431.923	346.315	321.084	297.534	281.000	281.039
134.0	631.617	603.667	532.674	435.733	350.665	325.393	301.802	285.021	285.225
134.5	632.496	605.450	535.203	439.460	355.055	329.578	306.029	289.125	289.246
135.0	634.563	608.095	538.141	443.270	359.446	333.969	310.172	293.269	293.556
135.5	637.125	609.426	541.080	446.586	363.837	338.277	314.441	297.456	297.535
136.0	637.962	611.251	543.893	450.396	368.187	342.586	318.586	301.435	301.721
136.5	640.850	613.076	546.506	454.080	372.495	346.730	322.771	305.580	305.700
137.0	640.908	615.228	548.992	457.848	376.886	351.079	326.997	309.643	310.052
137.5	643.302	617.463	551.973	461.248	381.155	355.431	331.060	313.704	314.155
138.0	644.181	618.835	553.555	464.890	385.461	359.614	335.201	317.765	318.005
138.5	646.701	621.481	555.715	468.248	389.606	363.841	339.430	322.075	322.399

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CANDELA TABULATION - (Cont.)

139.0	648.115	622.485	558.654	471.974	393.873	367.944	343.574	326.137	326.585
139.5	649.279	624.226	560.730	475.248	398.183	372.253	347.719	330.283	330.731
140.0	650.567	626.093	563.301	478.564	402.410	376.356	351.740	334.345	334.835
140.5	652.719	627.960	564.598	482.248	406.678	380.625	356.008	338.613	339.267
141.0	653.966	629.743	566.717	485.522	411.028	384.770	360.235	342.963	343.617
141.5	655.665	630.379	569.655	489.207	415.337	388.955	364.379	347.230	347.843
142.0	656.628	632.656	571.732	492.523	419.440	393.141	368.523	351.497	352.110
142.5	657.916	634.439	574.302	495.797	423.543	397.244	372.626	355.560	356.378
143.0	659.942	635.770	576.378	499.154	427.647	401.429	376.729	359.663	360.604
143.5	661.683	636.774	578.497	502.512	432.160	405.697	380.997	364.012	364.872
144.0	660.921	638.231	581.025	505.870	436.305	409.882	385.099	368.279	369.139
144.5	663.156	640.097	583.143	509.186	440.450	413.821	389.285	372.505	373.406
145.0	665.223	641.512	584.851	512.175	444.554	417.924	393.388	376.609	377.839
145.5	665.323	642.927	587.790	515.533	448.657	422.070	397.491	380.835	381.942
146.0	666.570	643.847	589.456	518.522	452.392	426.173	401.512	384.938	386.168
146.5	668.847	645.714	591.616	520.649	456.495	430.276	405.574	389.123	390.395
147.0	669.768	646.634	593.692	523.597	460.598	434.379	409.801	393.266	394.661
147.5	671.509	648.543	595.442	525.765	464.333	438.566	413.863	397.452	398.765
148.0	671.525	648.727	597.560	528.302	468.437	442.628	417.966	401.637	403.073
148.5	671.667	649.731	598.858	531.660	472.171	446.321	422.111	405.822	407.259
149.0	672.914	651.598	600.976	534.608	476.317	450.056	426.173	409.925	411.526
149.5	673.550	650.961	602.273	536.776	480.010	454.201	430.276	413.905	415.630
150.0	673.934	652.744	604.392	540.176	483.702	458.304	434.379	418.008	420.144
150.5	675.265	653.748	606.962	542.755	487.395	462.039	438.483	422.522	424.247
151.0	675.323	654.752	607.481	545.744	491.130	465.732	442.217	426.583	428.719
151.5	676.695	654.978	610.009	548.282	494.865	469.835	446.321	430.728	432.864
152.0	676.795	655.614	610.938	551.271	498.600	473.570	450.424	434.790	437.335
152.5	676.443	656.618	612.688	553.440	502.293	477.263	454.569	438.893	441.481
153.0	676.543	656.801	614.438	556.429	505.617	480.998	458.220	442.586	445.584
153.5	677.874	657.848	615.735	559.008	507.711	484.691	462.365	447.099	449.687
154.0	677.153	658.483	616.665	561.997	511.814	488.836	466.058	451.161	454.243
154.5	678.073	658.709	617.510	564.166	514.687	492.118	470.162	455.264	458.388
155.0	678.952	659.303	619.176	566.335	517.190	495.895	473.896	458.957	462.449
155.5	678.683	659.160	620.348	568.956	520.105	499.546	478.000	463.060	466.594
156.0	677.510	659.796	621.109	571.083	523.798	503.323	481.735	467.164	470.656
156.5	678.431	660.473	621.954	573.703	526.712	505.375	485.428	471.225	474.349
157.0	678.857	660.247	623.210	575.914	530.036	509.110	489.121	474.918	478.494
157.5	676.972	660.514	624.055	577.630	532.909	512.392	493.266	479.021	482.597
158.0	677.096	659.551	625.026	579.799	535.823	515.675	496.959	483.125	486.700
158.5	675.998	659.818	625.587	581.599	539.105	518.179	500.241	486.817	490.393
159.0	674.867	660.085	626.558	583.768	542.020	521.461	502.703	490.510	494.497
159.5	675.955	660.311	627.119	585.979	544.481	525.154	507.669	494.614	498.190
160.0	674.614	660.084	627.721	587.737	547.806	528.068	509.721	498.307	502.293
160.5	673.651	659.815	628.734	589.127	550.310	531.393	513.456	502.000	506.028
161.0	673.993	659.873	629.337	590.927	552.361	534.265	516.328	504.872	510.089
161.5	673.197	658.374	630.308	592.686	555.644	537.548	518.832	508.565	513.372
162.0	672.653	657.737	629.311	594.486	557.696	540.462	522.525	512.258	514.929
162.5	671.111	656.731	630.734	595.055	561.020	543.787	525.397	515.130	518.538
163.0	670.675	657.409	630.558	597.266	563.114	547.069	529.542	518.002	521.695
163.5	669.912	656.077	630.792	598.204	565.986	549.573	532.414	521.695	525.346
164.0	670.138	656.060	631.395	599.594	568.038	552.035	535.287	524.978	528.587
164.5	668.806	654.770	631.218	600.531	570.542	554.907	539.022	528.713	533.017
165.0	667.516	654.710	631.452	601.921	573.004	558.190	542.304	531.585	536.300
165.5	665.405	652.600	631.318	603.269	575.507	560.283	544.766	534.457	539.172
166.0	665.388	651.804	631.100	604.659	577.559	562.745	547.680	538.150	543.191
166.5	664.466	650.966	631.376	606.049	579.200	565.660	550.921	541.433	546.884

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CANDELA TABULATION - (Cont.)

167.0	663.460	650.128	630.831	605.840	581.294	567.711	554.246	544.347	550.167
167.5	661.676	648.553	630.697	606.861	582.977	570.173	556.297	548.082	553.039
168.0	658.829	647.347	630.563	607.883	585.029	572.677	559.622	551.365	556.364
168.5	658.401	646.383	630.428	608.946	587.080	575.139	562.946	554.689	559.604
169.0	655.922	644.967	629.474	608.326	589.174	577.601	564.956	557.151	562.435
169.5	654.674	643.434	629.339	609.716	590.363	579.242	568.239	560.844	564.855
170.0	653.425	641.860	628.795	609.959	591.594	581.746	570.742	563.306	568.138
170.5	652.219	641.148	627.471	610.612	592.867	583.798	572.836	566.220	571.052
171.0	649.698	639.657	627.789	610.897	593.688	585.849	574.930	569.093	573.556
171.5	647.713	638.166	626.013	611.181	595.781	587.122	577.433	572.049	576.838
172.0	646.632	636.306	625.963	611.834	597.464	589.174	579.895	573.690	579.216
172.5	644.689	634.489	624.640	611.709	598.653	591.226	582.357	576.973	582.457
173.0	641.967	632.998	623.400	611.625	599.516	593.277	584.819	579.435	584.057
173.5	640.518	631.138	623.023	612.362	600.295	594.098	586.871	581.486	586.971
174.0	638.985	629.689	621.373	612.278	600.705	596.150	588.512	583.990	589.801
174.5	636.590	627.051	620.217	612.194	601.978	598.201	590.522	586.452	591.032
175.0	634.194	625.233	619.061	611.332	603.209	599.432	592.163	588.462	593.452
175.5	631.841	623.500	617.947	612.152	603.988	600.211	594.257	590.555	595.093
176.0	631.212	621.808	616.875	612.110	604.850	601.894	596.267	592.649	598.418
176.5	627.795	619.379	615.845	611.742	605.219	602.715	598.770	594.742	599.691
177.0	626.020	617.855	614.078	611.742	605.302	603.946	599.181	596.752	601.743
177.5	623.381	615.552	613.584	610.921	606.081	604.356	601.232	598.393	602.932
178.0	620.911	614.153	612.722	610.921	606.491	605.587	602.421	600.897	606.256
178.5	618.281	611.608	611.491	610.511	606.491	606.818	603.652	602.497	608.266
179.0	616.514	610.745	609.849	610.511	606.902	607.228	605.746	604.138	609.087
179.5	614.831	609.146	609.029	609.690	606.902	608.049	606.567	605.411	612.411
180.0	608.451	608.451	608.451	608.451	608.451	608.451	608.451	608.451	608.451

IES INDOOR REPORT**PHOTOMETRIC FILENAME : CMH-2-00-L25-930U-L25-930D-DMA-DIM-UNV_.IES****ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	225.90	N.A.	5.50
0-30	479.87	N.A.	11.70
0-40	787.17	N.A.	19.20
0-60	1425.74	N.A.	34.70
0-80	1909.49	N.A.	46.50
0-90	2061.44	N.A.	50.20
10-90	2003.08	N.A.	48.80
20-40	561.27	N.A.	13.70
20-50	887.09	N.A.	21.60
40-70	910.46	N.A.	22.20
60-80	483.75	N.A.	11.80
70-80	211.86	N.A.	5.20
80-90	151.96	N.A.	3.70
90-110	362.45	N.A.	8.80
90-120	632.42	N.A.	15.40
90-130	942.96	N.A.	23.00
90-150	1570.82	N.A.	38.20
90-180	2045.36	N.A.	49.80
110-180	1682.91	N.A.	41.00
0-180	4106.8	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	58.36
10-20	167.54
20-30	253.97
30-40	307.29
40-50	325.83
50-60	312.74
60-70	271.89
70-80	211.86
80-90	151.96
90-100	151.73
100-110	210.72
110-120	269.97
120-130	310.53
130-140	323.34
140-150	304.52
150-160	251.26
160-170	165.58
170-180	57.70

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-L25-930U-L25-930D-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	21.0	21.9	21.9	22.8	24.1	15.1	16.0	16.0	16.9	18.2
	3H	24.0	24.8	25.0	25.8	27.1	16.4	17.3	17.4	18.2	19.5
	4H	25.6	26.3	26.5	27.3	28.6	16.9	17.6	17.8	18.6	19.9
	6H	27.2	27.9	28.2	28.9	30.2	17.1	17.8	18.1	18.8	20.1
	8H	28.0	28.7	29.0	29.7	31.1	17.1	17.8	18.1	18.8	20.2
	12H	29.0	29.6	30.0	30.6	32.0	17.2	17.8	18.1	18.8	20.2

UGR Viewed Endwise

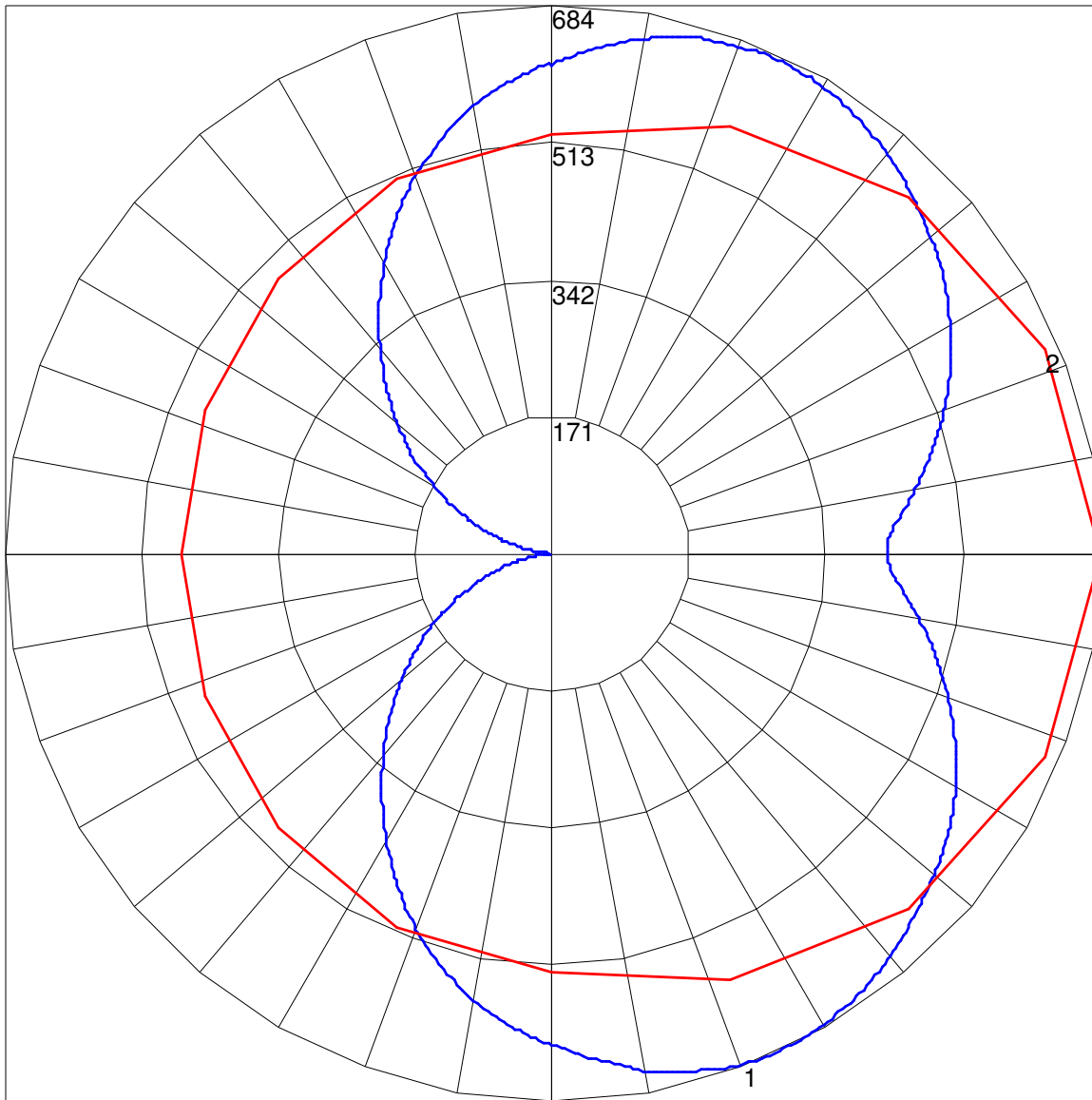
4H	2H	21.2	22.0	22.2	23.0	24.3	16.3	17.1	17.3	18.1	19.4
	3H	24.5	25.2	25.5	26.2	27.5	17.9	18.6	18.9	19.6	20.9
	4H	26.2	26.9	27.2	27.9	29.2	18.5	19.1	19.5	20.1	21.5
	6H	28.1	28.6	29.1	29.7	31.0	18.9	19.4	19.9	20.5	21.8
	8H	29.1	29.6	30.1	30.6	31.9	19.0	19.5	20.0	20.5	21.9
	12H	30.1	30.6	31.1	31.6	32.9	19.0	19.5	20.1	20.5	21.9

8H	4H	26.4	26.9	27.4	27.9	29.3	19.6	20.1	20.6	21.1	22.5
	6H	28.4	28.8	29.4	29.9	31.2	20.2	20.6	21.2	21.7	23.0
	8H	29.5	29.9	30.6	30.9	32.3	20.5	20.8	21.5	21.9	23.2
	12H	30.7	31.1	31.8	32.1	33.5	20.6	20.9	21.6	22.0	23.4

12H	4H	26.4	26.8	27.4	27.8	29.2	19.9	20.4	21.0	21.4	22.8
	6H	28.4	28.8	29.5	29.8	31.2	20.7	21.1	21.8	22.2	23.5
	8H	29.6	29.9	30.6	31.0	32.4	21.1	21.4	22.1	22.4	23.8

Maximum UGR = 33.5

POLAR GRAPH



Maximum Candela = 683.782 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.)