

IES INDOOR REPORT

PHOTOMETRIC FILENAME : CMH-2-00-L25-940U-L25-940D-DMA-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] GEN FROM 4792073931.01
[TESTLAB] UL, LLC
[ISSUE DATE] 2026-07-20
[TEST DATE] 12/30/2025
[MANUFAC] H E Williams Inc
[LUMCAT] CMH-2-00-L25-940U-L25-940D-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	4307
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	100
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	17791	16579	15635
55	17685	15801	14157
65	17716	15181	12391
75	18024	14743	9813
85	18946	14938	5955

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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	644.596	644.596	644.596	644.596	644.596	644.596	644.596	644.596	644.596
0.5	645.502	646.577	645.379	647.835	643.441	646.784	642.442	642.408	642.469
1.0	647.259	648.111	647.748	648.360	643.044	645.819	640.598	640.564	640.668
1.5	649.585	650.170	648.446	649.764	643.044	644.018	639.633	638.324	637.593
2.0	651.558	652.711	650.022	649.893	642.562	642.657	637.876	636.524	635.792
2.5	654.409	654.459	652.124	650.462	642.122	641.778	636.118	635.206	634.078
3.0	656.296	657.087	653.787	650.591	641.683	640.899	634.800	632.569	631.838
3.5	658.794	659.404	655.010	652.081	641.683	639.099	632.603	630.769	630.519
4.0	662.085	661.721	657.112	652.210	640.761	637.341	631.724	628.572	627.444
4.5	663.575	663.641	658.774	651.943	640.322	636.902	629.527	626.375	624.764
5.0	664.402	666.044	660.212	653.390	639.443	634.705	626.891	624.135	622.171
5.5	667.469	668.008	660.686	653.562	638.125	632.508	625.573	621.938	620.853
6.0	669.528	669.575	661.952	653.295	637.203	632.026	623.815	620.137	618.174
6.5	671.190	672.547	663.261	653.071	636.367	630.311	621.532	617.018	615.580
7.0	672.853	674.425	664.131	653.157	635.885	628.907	619.335	614.339	612.461
7.5	674.549	675.992	665.043	652.976	633.645	626.710	616.699	612.142	609.386
8.0	677.813	677.120	666.171	651.830	632.327	624.513	614.502	609.463	606.310
8.5	680.705	678.773	667.299	652.484	631.887	623.195	612.262	606.826	603.277
9.0	684.657	680.513	668.298	651.778	629.691	620.955	609.583	603.268	600.202
9.5	686.612	682.028	668.901	651.993	628.329	618.319	606.947	600.589	599.323
10.0	688.791	684.379	669.460	651.372	627.011	616.518	604.750	597.953	594.490
10.5	690.927	685.765	670.459	650.709	624.814	614.364	602.070	594.834	592.336
11.0	692.227	686.755	671.061	649.649	623.892	612.124	598.951	592.637	589.260
11.5	693.398	688.313	671.224	648.589	621.256	609.488	596.358	589.079	585.306
12.0	694.129	689.432	671.827	648.408	619.499	608.127	593.679	586.003	581.833
12.5	696.661	691.430	672.033	647.348	618.137	604.568	590.603	582.927	578.758
13.0	698.091	692.506	672.325	646.288	616.380	602.371	587.484	579.369	574.450
13.5	699.210	693.935	672.617	645.667	613.304	599.735	584.805	575.811	571.900
14.0	701.336	694.838	672.953	644.650	611.943	596.177	580.851	572.296	568.074
14.5	702.809	695.785	672.323	643.108	609.746	593.980	577.732	568.781	564.163
15.0	702.833	696.250	672.529	642.091	606.627	591.301	574.656	565.266	560.251
15.5	703.746	696.757	672.468	640.109	603.991	588.621	571.098	561.311	558.054
16.0	704.134	697.704	671.967	638.481	601.751	585.546	568.419	557.796	552.739
16.5	706.027	698.650	672.785	637.903	599.554	582.470	564.903	554.720	550.102
17.0	708.102	698.279	672.724	635.921	597.357	578.912	561.785	550.723	547.509
17.5	708.428	699.708	672.180	633.457	594.238	576.672	557.787	548.044	543.072
18.0	709.676	699.337	671.637	632.440	591.163	572.235	553.833	544.089	539.996
18.5	711.363	699.887	670.964	630.545	588.044	569.599	552.032	541.892	535.999
19.0	710.940	700.438	670.817	629.174	585.407	566.040	548.517	537.938	532.044
19.5	712.928	700.506	669.705	627.408	582.289	563.361	544.519	533.983	527.608
20.0	713.909	700.220	669.558	625.073	579.652	559.846	542.762	530.029	523.653
20.5	714.192	700.771	668.049	623.177	576.973	556.288	538.764	526.031	519.216
21.0	714.432	700.442	667.463	620.575	573.019	552.773	534.810	522.077	515.262
21.5	715.155	700.639	666.394	619.247	570.339	550.972	531.295	517.683	510.868
22.0	716.093	700.483	665.368	617.524	566.824	546.578	527.297	513.728	506.431
22.5	716.634	700.327	664.299	615.275	563.266	543.416	523.300	509.774	502.476
23.0	716.254	700.567	663.273	612.983	560.147	539.023	519.345	505.380	498.039
23.5	716.356	700.100	662.643	609.812	556.193	537.265	515.348	500.986	493.646
24.0	716.854	700.030	661.178	608.132	553.556	533.707	511.350	496.989	488.812
24.5	717.137	699.874	660.152	605.572	549.559	529.752	507.396	492.638	484.858
25.0	716.541	699.761	658.247	603.720	548.241	525.712	503.398	488.201	480.421
25.5	715.506	698.769	657.221	601.471	545.122	521.757	499.444	483.807	475.588
26.0	715.790	698.527	655.756	597.903	542.046	517.760	495.007	479.852	471.590
26.5	715.237	697.405	654.334	595.172	538.049	513.805	491.009	475.459	466.714

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CANDELA TABULATION - (Cont.)

27.0	714.245	696.724	653.394	592.923	534.051	509.765	486.615	471.065	462.320
27.5	714.218	696.481	650.739	590.674	530.493	505.810	482.618	466.628	457.883
28.0	714.501	695.360	649.007	586.624	526.539	501.373	478.620	462.234	453.050
28.5	713.337	694.239	647.670	584.772	523.023	497.419	474.226	457.840	448.613
29.0	712.388	693.997	646.334	581.204	518.630	493.421	469.833	453.007	444.219
29.5	712.189	691.997	644.645	577.551	514.632	489.027	465.396	448.613	439.605
30.0	711.851	690.790	642.869	575.259	510.635	484.548	461.441	444.176	435.038
30.5	710.730	689.798	641.093	572.131	506.680	480.593	457.004	439.738	430.643
31.0	710.574	689.116	639.361	568.917	502.726	476.156	452.610	435.300	426.074
31.5	709.625	688.349	636.706	567.504	498.728	471.762	448.216	430.950	421.549
32.0	708.151	687.227	635.413	563.851	494.334	467.765	443.780	426.424	417.198
32.5	708.434	685.667	633.155	561.998	490.337	463.328	439.342	422.030	412.587
33.0	706.038	685.028	631.293	558.870	486.382	458.934	434.904	417.417	407.973
33.5	706.450	682.985	628.992	555.260	481.945	454.497	430.510	412.979	403.535
34.0	705.854	681.468	626.252	552.089	477.551	450.103	426.073	408.629	398.923
34.5	704.466	679.908	623.511	548.436	473.114	446.106	421.635	404.104	394.441
35.0	702.819	678.347	621.693	544.826	468.721	441.580	417.285	399.666	390.091
35.5	701.784	677.269	619.788	541.655	464.766	437.143	412.935	395.184	385.521
36.0	700.129	674.830	617.133	538.045	460.372	432.705	408.498	390.790	380.953
36.5	699.180	673.269	615.272	534.435	455.539	428.268	403.885	386.484	376.427
37.0	697.662	672.191	612.049	530.781	451.102	423.962	399.579	381.960	371.857
37.5	696.317	669.795	609.265	527.171	446.708	419.394	395.185	377.390	367.552
38.0	695.764	667.795	607.490	523.561	442.314	414.956	390.703	373.084	362.896
38.5	693.015	666.278	603.870	519.951	437.833	410.430	386.309	368.603	358.282
39.0	691.670	665.200	601.526	515.901	433.264	406.081	381.828	364.209	353.800
39.5	689.756	662.761	601.862	512.248	428.826	401.643	377.522	359.727	349.362
40.0	689.246	661.243	599.164	508.638	424.256	397.074	373.173	355.334	345.056
40.5	686.583	659.640	596.467	504.588	419.688	392.637	368.647	350.940	340.619
41.0	684.583	657.329	593.683	500.935	415.250	388.199	364.253	346.503	336.095
41.5	682.359	655.330	590.986	496.971	410.592	383.586	359.771	342.197	331.744
42.0	681.806	653.726	587.763	493.404	406.067	379.367	355.378	337.716	327.395
42.5	679.979	651.769	585.022	489.837	401.497	374.886	350.941	333.234	323.088
43.0	677.712	648.451	582.196	486.356	396.928	370.361	346.547	329.016	318.520
43.5	676.633	646.891	579.498	482.392	392.139	365.835	342.021	324.491	314.257
44.0	674.323	644.891	576.361	478.429	387.657	361.398	337.495	320.053	310.083
44.5	672.496	642.934	573.095	474.422	383.000	357.004	333.058	315.704	305.734
45.0	671.150	641.374	570.398	470.812	378.430	352.347	328.664	311.223	301.472
45.5	668.272	638.538	567.218	466.850	373.861	347.865	324.095	306.917	296.991
46.0	668.072	636.581	564.038	462.933	369.204	343.339	319.701	302.567	292.685
46.5	665.409	635.460	561.298	458.970	364.589	338.858	315.175	298.130	288.555
47.0	664.417	634.778	558.118	454.920	359.801	334.377	310.737	293.867	284.381
47.5	662.943	632.951	554.895	451.089	355.055	329.807	306.301	289.474	279.944
48.0	661.158	630.382	551.844	447.257	350.354	325.106	301.950	285.300	275.638
48.5	658.279	628.072	548.535	443.381	345.740	320.537	297.425	280.951	271.376
49.0	656.495	625.633	545.398	439.374	341.128	316.011	292.987	276.732	267.026
49.5	654.753	623.194	542.176	435.367	336.470	311.573	288.637	272.471	262.895
50.0	654.993	621.280	538.953	431.448	331.769	307.048	284.288	268.209	258.545
50.5	651.847	618.841	535.816	427.400	327.111	302.391	279.806	264.166	254.328
51.0	651.252	616.488	532.679	423.482	322.498	297.909	275.456	259.861	250.067
51.5	649.071	614.091	529.017	419.431	317.884	293.296	271.019	255.599	245.937
52.0	646.889	611.213	525.751	415.207	313.183	288.858	266.757	251.426	241.894
52.5	645.019	608.816	522.614	411.245	308.569	284.377	262.407	247.251	237.676
53.0	642.709	606.334	518.995	407.108	303.912	279.807	258.014	243.077	233.414
53.5	640.398	603.981	515.728	403.015	299.386	275.194	253.620	238.947	229.153
54.0	638.260	601.499	512.329	398.834	294.685	270.756	249.270	234.685	225.373
54.5	635.950	598.792	508.798	394.608	290.160	266.362	244.965	230.599	221.201

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CANDELA TABULATION - (Cont.)

55.0	633.726	596.310	505.443	390.516	285.546	261.793	240.615	226.381	216.982
55.5	631.459	593.431	502.130	386.246	280.976	257.181	236.310	222.207	212.940
56.0	629.235	591.035	498.688	382.110	276.319	252.742	232.047	218.209	208.678
56.5	627.097	588.157	495.112	377.797	271.704	248.217	227.610	213.903	204.768
57.0	624.830	585.803	491.583	373.527	267.048	243.778	223.479	209.949	200.900
57.5	622.123	582.968	488.182	369.259	262.477	239.167	219.261	205.687	196.639
58.0	619.727	580.046	484.695	364.858	257.733	234.684	214.911	201.689	192.553
58.5	617.589	577.210	481.122	360.589	253.075	230.246	210.737	197.602	188.423
59.0	615.322	574.461	477.416	356.188	248.330	225.765	206.563	193.472	184.512
59.5	612.659	571.496	473.971	351.788	243.541	221.240	202.433	189.474	180.514
60.0	609.780	568.618	470.266	347.520	238.839	216.671	198.303	185.431	176.471
60.5	607.160	565.782	466.823	343.251	234.182	212.189	194.085	181.433	172.429
61.0	604.893	562.902	463.248	339.070	229.568	207.663	189.867	177.390	168.431
61.5	602.143	560.023	459.674	334.758	224.867	203.269	185.649	173.348	164.388
62.0	598.954	556.969	455.924	330.356	220.252	198.745	181.607	169.307	160.522
62.5	596.248	553.956	452.392	326.044	215.507	194.307	177.389	165.220	156.435
63.0	593.541	551.076	448.863	321.732	210.937	189.737	173.171	161.222	152.525
63.5	590.835	547.890	445.289	317.419	206.280	185.212	169.040	157.266	148.482
64.0	588.171	544.791	441.538	313.106	201.622	180.906	164.866	153.180	144.705
64.5	585.025	541.737	438.009	308.794	197.009	176.424	160.604	149.182	141.057
65.0	582.012	538.683	434.128	304.306	192.352	172.030	156.342	145.227	136.970
65.5	578.957	535.452	430.552	299.862	187.650	167.548	152.256	141.229	133.104
66.0	575.987	532.133	426.934	295.550	183.080	163.067	147.994	137.318	129.325
66.5	573.190	528.948	423.098	291.194	178.511	158.586	143.908	133.276	125.546
67.0	570.045	525.761	419.522	286.838	173.941	154.192	139.909	129.409	121.899
67.5	566.987	522.574	415.684	282.350	169.370	149.886	135.823	125.499	118.077
68.0	563.973	519.258	411.936	277.906	164.582	145.624	131.693	121.632	114.166
68.5	560.784	515.939	408.231	273.506	159.968	141.142	127.563	117.766	110.300
69.0	557.991	512.666	404.349	269.195	155.442	136.880	123.477	113.899	106.740
69.5	554.845	509.479	400.730	264.926	150.917	132.486	119.609	110.120	103.050
70.0	551.874	506.160	396.850	260.658	146.347	128.224	115.612	106.341	99.358
70.5	548.815	502.799	393.100	256.346	141.822	123.875	111.657	102.475	95.536
71.0	545.845	499.480	389.307	251.904	137.252	119.657	107.703	98.828	91.845
71.5	542.829	496.161	385.340	247.637	132.946	115.439	103.837	95.181	88.198
72.0	539.556	492.626	381.633	243.500	128.463	111.220	99.969	91.534	84.858
72.5	536.452	489.394	377.840	239.277	123.675	107.046	96.147	88.019	81.123
73.0	533.222	485.989	374.135	235.184	119.368	102.960	92.412	84.328	77.608
73.5	530.075	482.496	370.387	230.959	114.931	99.005	88.633	80.725	74.005
74.0	526.973	479.134	366.507	226.737	110.580	95.007	84.898	77.297	70.579
74.5	523.611	475.600	362.757	222.558	106.362	91.053	81.251	73.826	67.371
75.0	520.421	472.238	358.836	218.508	102.100	87.098	77.648	70.400	63.900
75.5	517.145	468.745	355.088	214.287	97.925	83.231	74.045	66.884	60.604
76.0	513.826	465.384	351.515	210.152	93.751	79.453	70.399	63.589	57.396
76.5	510.502	461.848	347.680	206.233	89.576	75.718	66.796	60.162	54.234
77.0	507.140	458.532	343.933	202.055	85.533	71.983	63.455	56.954	51.289
77.5	503.776	455.041	340.186	198.182	81.403	68.292	59.985	53.703	48.213
78.0	500.501	451.681	336.570	194.223	77.536	64.601	56.602	50.583	45.225
78.5	496.961	448.191	332.996	190.481	73.626	60.998	53.262	47.507	42.237
79.0	493.643	444.613	329.338	186.522	69.846	57.527	49.967	44.431	39.206
79.5	490.280	441.254	325.765	182.694	66.023	54.100	46.759	41.355	36.438
80.0	486.832	437.851	322.151	178.912	62.244	50.760	43.639	38.455	33.625
80.5	483.382	434.407	318.535	175.347	58.597	47.420	40.563	35.555	30.901
81.0	480.151	431.091	315.183	171.782	55.081	44.169	37.575	32.743	28.089
81.5	476.832	427.513	311.701	168.219	51.654	41.048	34.631	29.975	25.365
82.0	473.470	424.199	308.349	164.655	48.270	37.973	31.688	27.251	22.817
82.5	470.456	421.192	305.043	161.222	44.887	35.029	28.963	24.745	20.399

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CANDELA TABULATION - (Cont.)

83.0	467.183	417.965	301.649	158.009	41.636	32.041	26.238	22.197	17.895
83.5	464.086	414.693	298.343	154.839	38.516	29.140	23.646	19.692	15.479
84.0	461.075	411.598	295.212	151.671	35.484	26.372	21.097	17.276	13.105
84.5	457.975	408.417	292.039	148.503	32.496	23.692	18.505	14.859	10.909
85.0	455.052	405.191	288.909	145.511	29.596	21.099	16.045	12.618	8.931
85.5	452.172	402.227	285.647	142.519	26.740	18.507	13.671	10.465	7.173
86.0	449.294	399.393	282.517	139.658	23.972	16.002	11.386	8.532	5.899
86.5	446.629	396.816	279.693	136.797	21.292	13.585	9.189	7.037	5.019
87.0	444.180	395.017	276.909	134.156	18.743	11.212	7.256	5.851	4.448
87.5	442.420	393.649	274.818	131.427	16.195	8.926	5.893	5.103	4.096
88.0	441.567	393.015	273.327	128.741	13.603	6.686	4.926	4.576	3.918
88.5	440.925	392.550	272.395	126.399	11.010	4.840	4.398	4.180	3.700
89.0	440.545	392.434	272.157	124.790	8.373	3.961	4.090	4.047	3.655
89.5	440.468	392.361	271.961	124.257	6.130	3.653	3.959	3.916	3.611
90.0	440.518	392.331	271.983	124.288	5.243	3.565	3.914	3.915	3.654
90.5	440.179	392.433	272.009	124.538	6.229	3.564	3.913	3.914	3.609
91.0	440.363	392.754	272.337	125.707	8.379	3.606	3.869	3.957	3.609
91.5	440.461	393.338	273.061	127.757	10.961	4.295	3.912	3.913	3.565
92.0	440.996	394.273	274.706	130.202	13.457	5.542	4.041	3.869	3.651
92.5	441.575	395.863	276.964	132.648	15.866	7.564	4.384	3.998	3.737
93.0	442.768	397.851	279.660	135.485	18.276	9.931	5.245	4.170	4.038
93.5	444.312	400.363	282.532	138.017	20.772	12.298	6.708	4.643	4.727
94.0	446.601	403.226	285.488	140.894	23.397	14.708	8.688	5.589	6.061
94.5	449.373	406.133	288.268	143.729	26.065	17.031	10.969	7.097	7.911
95.0	452.276	409.256	291.529	146.562	28.819	19.570	13.292	8.903	9.976
95.5	455.179	412.422	294.658	149.526	31.659	22.153	15.702	11.098	12.344
96.0	458.213	415.370	297.742	152.575	34.586	24.734	18.285	13.466	14.668
96.5	461.159	418.404	300.914	155.755	37.597	27.445	20.824	15.832	17.164
97.0	464.147	421.484	304.086	158.978	40.696	30.157	23.449	18.328	19.703
97.5	467.223	424.647	307.301	162.199	43.924	33.040	26.117	20.954	22.199
98.0	470.209	427.810	310.517	165.635	47.108	35.966	28.785	23.493	24.737
98.5	473.370	431.060	313.905	169.116	50.508	38.979	31.581	26.160	27.492
99.0	476.488	434.354	317.293	172.551	54.037	42.206	34.465	28.871	30.246
99.5	479.606	437.560	320.723	176.161	57.565	45.391	37.434	31.712	33.131
100.0	482.722	440.853	324.240	179.811	61.180	48.747	40.403	34.552	35.884
100.5	485.839	444.188	327.713	183.463	64.881	52.104	43.502	37.393	38.810
101.0	489.129	447.437	331.273	187.243	68.669	55.461	46.730	40.319	41.693
101.5	492.159	450.683	334.787	190.981	72.498	59.077	49.915	43.288	44.749
102.0	495.447	454.064	338.474	194.805	76.414	62.431	53.228	46.344	47.891
102.5	498.607	457.312	342.032	198.585	80.330	66.219	56.542	49.485	50.990
103.0	501.855	460.646	345.632	202.408	84.419	70.695	59.942	52.627	54.174
103.5	505.099	463.938	349.276	206.317	88.551	74.396	63.385	55.854	57.316
104.0	508.348	467.228	352.963	210.313	92.596	77.537	66.827	59.126	60.673
104.5	511.504	470.693	356.605	214.222	96.727	81.497	70.442	62.482	64.029
105.0	514.838	473.941	360.205	218.131	101.031	85.284	74.015	65.882	67.429
105.5	517.694	477.275	363.934	222.127	105.292	89.286	77.629	69.282	70.829
106.0	520.981	480.609	367.533	226.165	109.594	93.761	81.331	72.725	74.315
106.5	524.054	483.813	371.133	230.247	114.028	98.409	85.075	76.212	77.757
107.0	527.257	487.104	374.775	234.199	118.374	101.809	88.776	79.782	81.502
107.5	530.459	490.437	378.375	238.281	122.807	105.467	92.649	83.311	84.988
108.0	533.531	493.684	382.105	242.448	127.240	109.598	96.436	87.099	88.646
108.5	536.559	496.931	385.791	246.616	131.759	113.816	100.266	90.713	92.262
109.0	539.805	500.049	389.434	250.740	136.235	117.990	104.225	94.501	95.963
109.5	542.790	503.515	393.076	254.821	140.710	122.208	108.142	98.159	99.620
110.0	545.905	506.545	396.633	259.075	145.272	126.468	112.015	101.946	103.451
110.5	548.934	509.794	400.060	263.242	149.833	130.729	116.017	105.733	107.195

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CANDELA TABULATION - (Cont.)

111.0	552.007	512.826	403.658	267.410	154.438	135.033	120.020	109.564	111.025
111.5	554.995	515.987	407.303	271.664	159.043	139.337	123.979	113.437	114.683
112.0	557.851	519.150	410.857	275.874	163.647	143.683	128.067	117.310	118.383
112.5	560.923	522.269	414.501	280.170	168.382	148.116	132.198	121.140	122.171
113.0	563.691	525.388	418.101	284.380	172.944	152.548	136.244	124.970	126.044
113.5	566.722	528.464	421.656	288.764	177.548	157.025	140.418	128.930	130.004
114.0	569.620	531.408	425.212	292.974	182.282	161.414	144.679	132.846	133.877
114.5	572.476	534.440	428.768	297.227	186.844	165.933	149.756	136.892	137.750
115.0	575.160	537.516	432.325	301.524	191.492	170.409	155.179	140.894	141.710
115.5	577.889	540.548	435.837	305.777	196.183	174.971	159.052	144.810	145.540
116.0	580.830	543.364	439.438	310.030	200.874	179.446	161.721	148.812	149.714
116.5	583.473	546.398	442.819	314.284	205.479	183.922	165.422	152.815	153.630
117.0	586.414	549.431	446.463	318.581	210.170	188.570	170.329	156.903	157.720
117.5	589.013	552.203	449.888	322.791	214.947	193.003	175.837	160.819	161.592
118.0	591.612	555.191	453.358	327.088	219.509	197.651	180.226	164.951	165.638
118.5	594.079	557.965	457.000	331.297	224.243	202.213	183.240	168.866	169.640
119.0	596.722	560.652	460.385	335.594	228.934	206.689	186.597	173.085	173.772
119.5	599.365	563.769	463.853	339.804	233.625	211.122	190.728	177.130	177.644
120.0	601.876	566.588	467.280	343.971	238.403	215.640	194.945	181.261	181.949
120.5	604.431	569.318	470.706	348.053	243.050	220.246	199.206	185.350	185.908
121.0	606.986	572.005	474.176	352.306	247.569	224.721	203.423	189.525	189.954
121.5	609.584	574.824	477.517	356.429	252.303	229.154	207.640	194.474	193.999
122.0	611.709	577.554	480.944	360.683	256.994	233.630	212.031	200.112	198.131
122.5	614.352	579.767	484.241	364.807	261.598	238.063	216.248	204.931	202.305
123.0	616.951	582.585	487.624	368.930	266.247	242.625	220.552	208.116	206.436
123.5	619.550	585.228	491.052	373.011	270.938	247.058	224.856	211.946	210.697
124.0	621.718	587.572	494.478	377.092	275.499	251.577	229.203	216.939	216.421
124.5	624.317	590.259	497.774	381.259	280.191	256.139	233.507	221.157	223.867
125.0	626.573	593.034	501.202	385.382	284.752	260.486	237.896	223.997	228.643
125.5	628.698	595.334	504.584	389.507	289.443	265.004	242.201	227.010	230.882
126.0	631.253	598.065	507.754	393.458	294.005	269.480	246.547	231.012	231.656
126.5	633.378	600.453	511.134	397.496	298.567	273.870	250.807	235.144	235.271
127.0	635.634	603.184	514.735	401.534	303.215	278.432	255.111	239.319	239.402
127.5	637.846	605.484	517.817	405.443	307.820	282.864	259.458	243.450	243.578
128.0	639.971	607.828	520.811	409.523	312.338	287.426	263.849	247.625	247.838
128.5	642.183	610.559	524.368	413.561	317.030	291.989	268.022	251.843	252.012
129.0	644.396	612.903	527.450	417.513	321.678	296.421	272.542	256.145	256.273
129.5	644.369	615.204	530.532	421.508	326.282	300.897	276.974	260.321	260.533
130.0	646.625	617.504	534.089	425.503	330.844	305.372	281.364	264.495	264.794
130.5	647.977	619.804	537.127	429.541	335.407	309.935	285.754	268.669	269.098
131.0	650.102	621.630	540.209	433.449	340.054	314.410	290.014	272.888	273.315
131.5	650.637	623.632	543.291	437.401	344.745	318.843	294.361	277.191	277.577
132.0	654.008	625.502	546.373	441.310	349.350	323.275	298.836	281.452	281.966
132.5	656.265	627.328	549.456	445.219	354.041	327.795	303.183	285.712	286.225
133.0	657.230	628.900	552.538	449.042	358.689	332.228	307.702	289.887	290.488
133.5	659.355	630.339	555.620	452.993	363.209	336.747	312.048	294.707	294.748
134.0	662.428	633.114	558.658	456.989	367.770	341.266	316.525	298.924	299.139
134.5	663.349	634.984	561.310	460.897	372.375	345.655	320.957	303.229	303.355
135.0	665.518	637.759	564.392	464.893	376.980	350.260	325.303	307.575	307.876
135.5	668.204	639.154	567.474	468.370	381.585	354.778	329.780	311.966	312.049
136.0	669.082	641.068	570.425	472.366	386.147	359.298	334.126	316.139	316.439
136.5	672.111	642.982	573.165	476.230	390.666	363.644	338.516	320.486	320.612
137.0	672.172	645.239	575.772	480.182	395.271	368.205	342.949	324.748	325.176
137.5	674.683	647.583	578.899	483.748	399.748	372.770	347.209	329.006	329.480
138.0	675.604	649.023	580.558	487.568	404.263	377.156	351.553	333.266	333.518
138.5	678.247	651.797	582.823	491.089	408.611	381.589	355.987	337.786	338.126

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CANDELA TABULATION - (Cont.)

139.0	679.731	652.850	585.906	494.997	413.086	385.892	360.334	342.047	342.516
139.5	680.951	654.677	588.083	498.431	417.607	390.412	364.681	346.394	346.864
140.0	682.302	656.634	590.779	501.909	422.039	394.715	368.898	350.654	351.168
140.5	684.559	658.592	592.140	505.773	426.516	399.192	373.375	355.131	355.817
141.0	685.867	660.462	594.361	509.206	431.078	403.539	377.807	359.693	360.378
141.5	687.649	661.129	597.443	513.070	435.597	407.929	382.154	364.168	364.811
142.0	688.658	663.517	599.621	516.548	439.900	412.318	386.499	368.644	369.286
142.5	690.010	665.387	602.317	519.982	444.204	416.622	390.803	372.904	373.762
143.0	692.135	666.783	604.494	523.503	448.507	421.011	395.106	377.208	378.195
143.5	693.961	667.836	606.716	527.025	453.241	425.487	399.582	381.769	382.671
144.0	693.161	669.364	609.368	530.547	457.588	429.876	403.884	386.244	387.146
144.5	695.505	671.322	611.589	534.024	461.936	434.007	408.275	390.676	391.621
145.0	697.673	672.805	613.380	537.159	466.239	438.311	412.578	394.980	396.270
145.5	697.778	674.289	616.463	540.681	470.543	442.658	416.881	399.412	400.573
146.0	699.086	675.254	618.210	543.816	474.460	446.962	421.098	403.716	405.006
146.5	701.474	677.212	620.475	546.047	478.763	451.265	425.358	408.104	409.438
147.0	702.440	678.177	622.653	549.138	483.067	455.569	429.791	412.450	413.913
147.5	704.266	680.179	624.488	551.412	486.984	459.960	434.051	416.839	418.217
148.0	704.282	680.372	626.710	554.073	491.287	464.219	438.355	421.229	422.735
148.5	704.431	681.425	628.070	557.595	495.204	468.092	442.702	425.618	427.126
149.0	705.739	683.383	630.292	560.686	499.552	472.010	446.962	429.921	431.600
149.5	706.406	682.715	631.653	562.961	503.425	476.357	451.265	434.095	435.905
150.0	706.809	684.585	633.874	566.526	507.298	480.660	455.569	438.399	440.638
150.5	708.205	685.638	636.570	569.231	511.171	484.577	459.872	443.133	444.942
151.0	708.265	686.691	637.114	572.366	515.088	488.450	463.789	447.392	449.632
151.5	709.705	686.928	639.766	575.027	519.005	492.754	468.092	451.739	453.979
152.0	709.810	687.595	640.740	578.162	522.922	496.671	472.396	455.999	458.669
152.5	709.440	688.648	642.575	580.437	526.795	500.544	476.743	460.302	463.016
153.0	709.545	688.841	644.410	583.572	530.282	504.461	480.572	464.175	467.320
153.5	710.941	689.938	645.771	586.277	532.477	508.334	484.920	468.909	471.623
154.0	710.185	690.605	646.746	589.412	536.781	512.682	488.793	473.169	476.401
154.5	711.150	690.841	647.632	591.686	539.793	516.124	493.096	477.472	480.748
155.0	712.071	691.464	649.380	593.961	542.419	520.085	497.013	481.345	485.008
155.5	711.790	691.314	650.609	596.710	545.476	523.914	501.317	485.649	489.355
156.0	710.559	691.981	651.407	598.940	549.349	527.875	505.234	489.952	493.615
156.5	711.525	692.692	652.294	601.689	552.405	530.027	509.107	494.212	497.488
157.0	711.972	692.454	653.611	604.007	555.892	533.944	512.980	498.085	501.835
157.5	709.995	692.734	654.497	605.808	558.904	537.387	517.327	502.388	506.138
158.0	710.125	691.724	655.515	608.082	561.960	540.830	521.201	506.692	510.442
158.5	708.974	692.004	656.103	609.970	565.403	543.456	524.643	510.565	514.315
159.0	707.787	692.285	657.122	612.245	568.459	546.898	527.225	514.438	518.618
159.5	708.928	692.521	657.710	614.563	571.042	550.771	532.433	518.741	522.492
160.0	707.522	692.283	658.342	616.407	574.528	553.828	534.585	522.614	526.795
160.5	706.512	692.002	659.404	617.865	577.154	557.314	538.502	526.487	530.712
161.0	706.871	692.062	660.036	619.753	579.306	560.327	541.515	529.500	534.972
161.5	706.036	690.490	661.054	621.597	582.749	563.770	544.141	533.373	538.414
162.0	705.465	689.821	660.009	623.485	584.900	566.826	548.014	537.246	540.048
162.5	703.848	688.767	661.502	624.082	588.387	570.313	551.026	540.258	543.833
163.0	703.391	689.478	661.317	626.401	590.583	573.755	555.373	543.271	547.144
163.5	702.591	688.081	661.562	627.384	593.595	576.381	558.386	547.144	550.973
164.0	702.827	688.063	662.194	628.842	595.747	578.963	561.398	550.587	554.372
164.5	701.430	686.710	662.009	629.825	598.373	581.976	565.315	554.504	559.018
165.0	700.077	686.648	662.255	631.283	600.955	585.419	568.758	557.516	562.461
165.5	697.864	684.434	662.114	632.697	603.581	587.614	571.340	560.529	565.473
166.0	697.846	683.599	661.885	634.155	605.733	590.196	574.396	564.402	569.688
166.5	696.879	682.720	662.175	635.612	607.454	593.253	577.795	567.844	573.562

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167.0	695.824	681.841	661.604	635.393	609.650	595.404	581.282	570.901	577.004
167.5	693.953	680.190	661.463	636.464	611.415	597.986	583.434	574.818	580.017
168.0	690.967	678.925	661.322	637.535	613.567	600.612	586.920	578.260	583.503
168.5	690.518	677.914	661.181	638.651	615.718	603.195	590.407	581.747	586.902
169.0	687.918	676.429	660.180	638.001	617.914	605.777	592.515	584.329	589.871
169.5	686.609	674.822	660.039	639.458	619.161	607.498	595.958	588.202	592.409
170.0	685.300	673.170	659.467	639.713	620.452	610.124	598.584	590.784	595.852
170.5	684.035	672.423	658.080	640.398	621.787	612.276	600.779	593.841	598.908
171.0	681.390	670.859	658.413	640.696	622.648	614.427	602.975	596.853	601.534
171.5	679.308	669.296	656.551	640.995	624.844	615.762	605.601	599.953	604.977
172.0	678.175	667.345	656.498	641.680	626.609	617.914	608.183	601.675	607.471
172.5	676.137	665.439	655.110	641.548	627.856	620.066	610.765	605.118	610.870
173.0	673.282	663.876	653.810	641.460	628.761	622.218	613.347	607.700	612.547
173.5	671.763	661.925	653.414	642.233	629.577	623.078	615.499	609.851	615.603
174.0	670.155	660.406	651.684	642.145	630.008	625.230	617.220	612.477	618.572
174.5	667.643	657.639	650.472	642.057	631.343	627.382	619.328	615.059	619.863
175.0	665.130	655.733	649.259	641.153	632.634	628.673	621.049	617.167	622.401
175.5	662.662	653.914	648.091	642.013	633.450	629.489	623.245	619.363	624.122
176.0	662.003	652.140	646.967	641.969	634.355	631.255	625.353	621.558	627.609
176.5	658.419	649.593	645.886	641.583	634.741	632.115	627.979	623.754	628.944
177.0	656.557	647.994	644.033	641.583	634.829	633.407	628.409	625.862	631.096
177.5	653.790	645.579	643.515	640.722	635.646	633.837	630.561	627.583	632.343
178.0	651.199	644.112	642.610	640.722	636.076	635.128	631.808	630.209	635.830
178.5	648.441	641.442	641.319	640.292	636.076	636.419	633.099	631.887	637.937
179.0	646.588	640.538	639.598	640.292	636.507	636.849	635.295	633.608	638.798
179.5	644.823	638.860	638.737	639.431	636.507	637.710	636.155	634.943	642.285
180.0	638.131	638.131	638.131	638.131	638.131	638.131	638.131	638.131	638.131

IES INDOOR REPORT**PHOTOMETRIC FILENAME : CMH-2-00-L25-940U-L25-940D-DMA-DIM-UNV_.IES****ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	236.92	N.A.	5.50
0-30	503.28	N.A.	11.70
0-40	825.57	N.A.	19.20
0-60	1495.29	N.A.	34.70
0-80	2002.63	N.A.	46.50
0-90	2162.00	N.A.	50.20
10-90	2100.8	N.A.	48.80
20-40	588.64	N.A.	13.70
20-50	930.37	N.A.	21.60
40-70	954.87	N.A.	22.20
60-80	507.35	N.A.	11.80
70-80	222.20	N.A.	5.20
80-90	159.37	N.A.	3.70
90-110	380.13	N.A.	8.80
90-120	663.27	N.A.	15.40
90-130	988.95	N.A.	23.00
90-150	1647.44	N.A.	38.20
90-180	2145.13	N.A.	49.80
110-180	1765.00	N.A.	41.00
0-180	4307.13	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	61.20
10-20	175.72
20-30	266.36
30-40	322.28
40-50	341.72
50-60	328.00
60-70	285.15
70-80	222.20
80-90	159.37
90-100	159.14
100-110	221.00
110-120	283.14
120-130	325.68
130-140	339.11
140-150	319.38
150-160	263.52
160-170	173.65
170-180	60.52

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-L25-940U-L25-940D-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	21.2	22.1	22.1	23.0	24.3	15.3	16.2	16.2	17.1	18.4
	3H	24.2	25.0	25.2	26.0	27.3	16.6	17.5	17.6	18.4	19.7
	4H	25.8	26.5	26.7	27.5	28.8	17.1	17.8	18.0	18.8	20.1
	6H	27.4	28.1	28.4	29.1	30.4	17.3	18.0	18.3	19.0	20.3
	8H	28.2	28.9	29.2	29.9	31.3	17.3	18.0	18.3	19.0	20.4
	12H	29.2	29.8	30.2	30.8	32.2	17.4	18.0	18.4	19.0	20.4

UGR Viewed Endwise

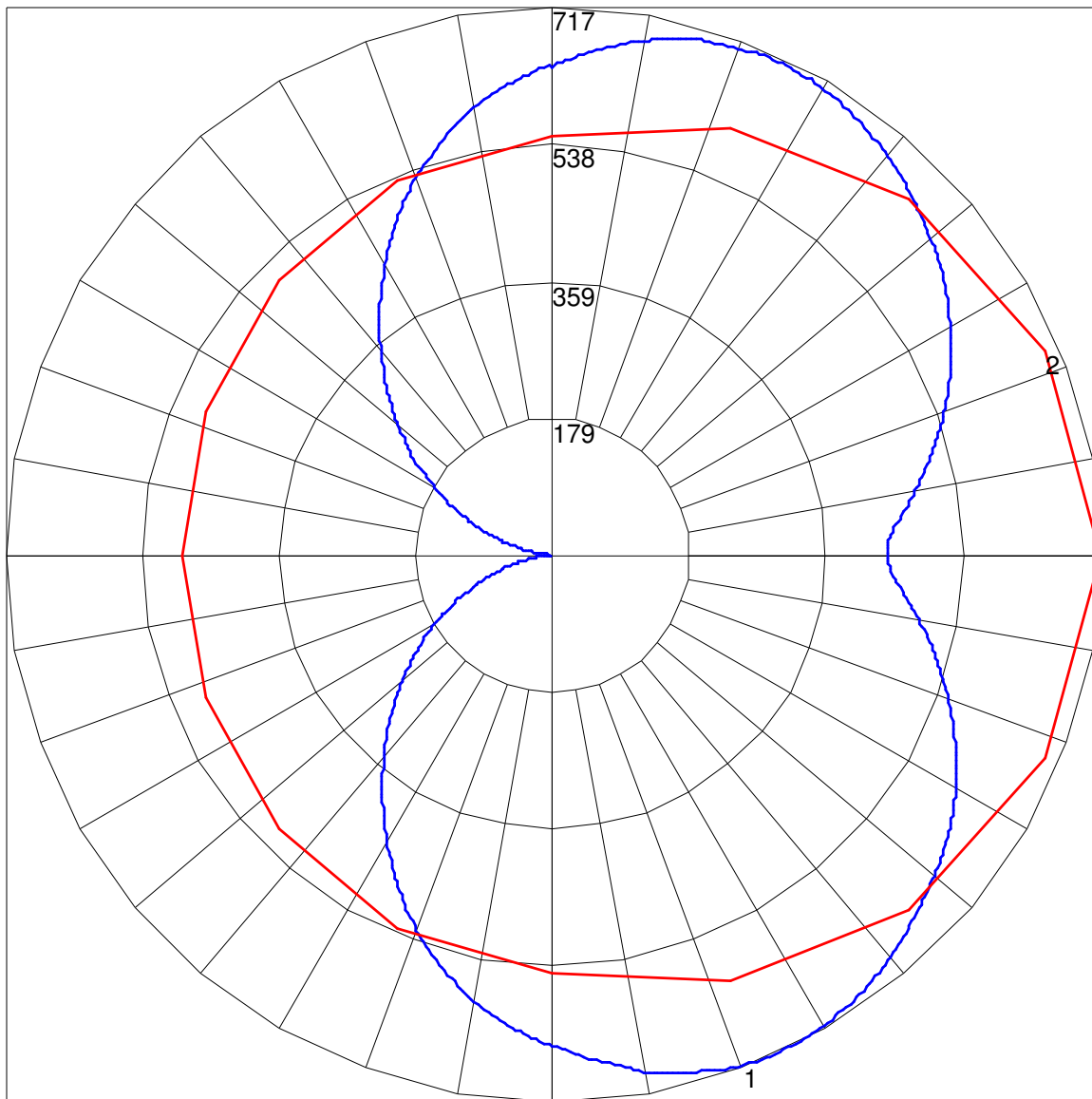
4H	2H	21.5	22.2	22.4	23.2	24.5	16.5	17.3	17.5	18.3	19.6
	3H	24.7	25.4	25.7	26.4	27.7	18.1	18.8	19.1	19.8	21.1
	4H	26.4	27.1	27.4	28.1	29.4	18.7	19.3	19.7	20.3	21.7
	6H	28.3	28.8	29.3	29.9	31.2	19.1	19.6	20.1	20.7	22.0
	8H	29.3	29.8	30.3	30.8	32.1	19.2	19.7	20.2	20.7	22.1
	12H	30.3	30.8	31.3	31.8	33.1	19.2	19.7	20.3	20.7	22.1

8H	4H	26.6	27.1	27.6	28.1	29.5	19.8	20.3	20.8	21.3	22.7
	6H	28.6	29.0	29.6	30.1	31.4	20.4	20.8	21.5	21.9	23.3
	8H	29.7	30.1	30.8	31.1	32.5	20.7	21.0	21.7	22.1	23.4
	12H	31.0	31.3	32.0	32.3	33.7	20.8	21.1	21.8	22.2	23.6

12H	4H	26.6	27.0	27.6	28.0	29.4	20.1	20.6	21.2	21.6	23.0
	6H	28.6	29.0	29.7	30.0	31.4	20.9	21.3	22.0	22.4	23.7
	8H	29.8	30.1	30.8	31.2	32.6	21.3	21.6	22.3	22.6	24.0

Maximum UGR = 33.7

POLAR GRAPH



Maximum Candela = 717.137 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.)