

IES INDOOR REPORT

PHOTOMETRIC FILENAME : CMH-2-00-L25-927U-L25-927D-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-L25-927U-L25-927D-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	4007
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	93
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	16549	15422	14544
55	16452	14699	13169
65	16480	14122	11527
75	16766	13715	9128
85	17624	13896	5540

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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	599.624	599.624	599.624	599.624	599.624	599.624	599.624	599.624	599.624
0.5	600.467	601.467	600.353	602.637	598.549	601.659	597.620	597.589	597.646
1.0	602.102	602.894	602.557	603.126	598.181	600.762	595.905	595.874	595.971
1.5	604.265	604.809	603.206	604.432	598.181	599.087	595.008	593.790	593.109
2.0	606.100	607.173	604.672	604.552	597.732	597.820	593.373	592.115	591.434
2.5	608.753	608.799	606.627	605.081	597.323	597.003	591.738	590.889	589.840
3.0	610.508	611.243	608.174	605.201	596.915	596.186	590.512	588.436	587.756
3.5	612.832	613.399	609.311	606.587	596.915	594.511	588.468	586.761	586.530
4.0	615.893	615.554	611.267	606.707	596.057	592.876	587.651	584.718	583.669
4.5	617.280	617.341	612.813	606.459	595.648	592.467	585.607	582.674	581.176
5.0	618.049	619.576	614.151	607.805	594.831	590.423	583.155	580.590	578.764
5.5	620.901	621.403	614.591	607.965	593.605	588.380	581.928	578.547	577.538
6.0	622.816	622.861	615.769	607.716	592.747	587.931	580.293	576.872	575.045
6.5	624.363	625.625	616.987	607.508	591.970	586.336	578.170	573.971	572.633
7.0	625.909	627.372	617.796	607.588	591.521	585.030	576.126	571.478	569.732
7.5	627.487	628.830	618.645	607.419	589.437	582.986	573.674	569.435	566.870
8.0	630.523	629.879	619.694	606.353	588.211	580.942	571.630	566.942	564.009
8.5	633.214	631.417	620.743	606.962	587.802	579.716	569.546	564.490	561.188
9.0	636.891	633.035	621.673	606.305	585.759	577.632	567.054	561.180	558.327
9.5	638.709	634.445	622.233	606.505	584.492	575.180	564.601	558.687	557.510
10.0	640.736	636.632	622.753	605.928	583.266	573.505	562.558	556.235	553.014
10.5	642.722	637.921	623.683	605.311	581.223	571.501	560.065	553.334	551.010
11.0	643.932	638.842	624.243	604.325	580.365	569.418	557.164	551.290	548.149
11.5	645.021	640.291	624.395	603.338	577.913	566.965	554.752	547.980	544.470
12.0	645.702	641.332	624.955	603.170	576.278	565.699	552.259	545.119	541.240
12.5	648.057	643.190	625.147	602.184	575.011	562.389	549.398	542.258	538.379
13.0	649.387	644.191	625.419	601.198	573.377	560.346	546.497	538.948	534.372
13.5	650.427	645.521	625.691	600.621	570.515	557.893	544.005	535.638	532.000
14.0	652.406	646.361	626.002	599.675	569.249	554.583	540.326	532.368	528.441
14.5	653.775	647.242	625.417	598.240	567.206	552.540	537.425	529.099	524.803
15.0	653.799	647.674	625.608	597.294	564.304	550.047	534.564	525.829	521.164
15.5	654.648	648.146	625.552	595.450	561.852	547.555	531.254	522.150	519.120
16.0	655.008	649.027	625.086	593.936	559.768	544.694	528.761	518.880	514.176
16.5	656.769	649.907	625.847	593.398	557.725	541.832	525.492	516.019	511.723
17.0	658.699	649.562	625.790	591.555	555.681	538.523	522.590	512.300	509.311
17.5	659.003	650.891	625.284	589.263	552.780	536.439	518.872	509.808	505.183
18.0	660.164	650.546	624.779	588.317	549.919	532.312	515.193	506.129	502.322
18.5	661.733	651.058	624.153	586.553	547.017	529.859	513.518	504.086	498.604
19.0	661.339	651.570	624.016	585.279	544.565	526.549	510.248	500.407	494.925
19.5	663.189	651.633	622.981	583.635	541.664	524.057	506.530	496.729	490.798
20.0	664.102	651.368	622.845	581.463	539.212	520.787	504.895	493.050	487.119
20.5	664.365	651.880	621.441	579.700	536.719	517.477	501.176	489.331	482.992
21.0	664.588	651.574	620.896	577.279	533.041	514.207	497.498	485.653	479.313
21.5	665.260	651.758	619.901	576.044	530.548	512.532	494.228	481.565	475.226
22.0	666.133	651.612	618.947	574.441	527.278	508.445	490.509	477.887	471.098
22.5	666.636	651.467	617.952	572.349	523.968	505.504	486.790	474.208	467.420
23.0	666.282	651.690	616.998	570.217	521.067	501.416	483.112	470.121	463.293
23.5	666.377	651.256	616.412	567.267	517.389	499.781	479.393	466.034	459.205
24.0	666.841	651.191	615.049	565.704	514.936	496.472	475.675	462.315	454.709
24.5	667.104	651.046	614.095	563.323	511.218	492.793	471.996	458.268	451.031
25.0	666.550	650.940	612.323	561.600	509.991	489.034	468.277	454.140	446.903
25.5	665.587	650.018	611.369	559.507	507.090	485.356	464.599	450.053	442.407
26.0	665.851	649.792	610.006	556.189	504.229	481.637	460.471	446.374	438.688
26.5	665.337	648.749	608.682	553.648	500.510	477.958	456.753	442.287	434.152

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CANDELA TABULATION - (Cont.)

27.0	664.414	648.115	607.808	551.556	496.792	474.200	452.665	438.200	430.065
27.5	664.389	647.890	605.339	549.464	493.482	470.521	448.947	434.072	425.938
28.0	664.652	646.847	603.727	545.697	489.803	466.394	445.228	429.985	421.442
28.5	663.569	645.804	602.484	543.974	486.533	462.715	441.141	425.898	417.314
29.0	662.687	645.579	601.241	540.655	482.446	458.997	437.054	421.402	413.227
29.5	662.501	643.718	599.669	537.257	478.727	454.909	432.926	417.314	408.935
30.0	662.187	642.595	598.018	535.125	475.009	450.742	429.248	413.187	404.686
30.5	661.144	641.673	596.366	532.215	471.330	447.063	425.120	409.059	400.598
31.0	660.999	641.038	594.754	529.226	467.652	442.936	421.033	404.930	396.348
31.5	660.116	640.324	592.285	527.911	463.933	438.849	416.946	400.884	392.139
32.0	658.745	639.281	591.082	524.513	459.846	435.130	412.818	396.673	388.092
32.5	659.008	637.830	588.981	522.789	456.127	431.003	408.690	392.586	383.802
33.0	656.779	637.236	587.250	519.880	452.448	426.915	404.562	388.295	379.510
33.5	657.163	635.335	585.109	516.521	448.321	422.788	400.474	384.167	375.382
34.0	656.609	633.924	582.560	513.572	444.234	418.701	396.347	380.120	371.091
34.5	655.317	632.472	580.010	510.173	440.106	414.982	392.219	375.910	366.922
35.0	653.785	631.021	578.319	506.815	436.019	410.772	388.172	371.782	362.875
35.5	652.823	630.018	576.547	503.865	432.341	406.645	384.126	367.613	358.624
36.0	651.283	627.749	574.078	500.507	428.253	402.516	379.998	363.526	354.374
36.5	650.400	626.297	572.346	497.149	423.757	398.389	375.707	359.520	350.164
37.0	648.988	625.294	569.348	493.750	419.630	394.384	371.701	355.311	345.914
37.5	647.737	623.065	566.758	490.392	415.542	390.134	367.614	351.060	341.909
38.0	647.223	621.205	565.107	487.034	411.455	386.005	363.445	347.055	337.577
38.5	644.665	619.793	561.740	483.675	407.287	381.795	359.358	342.887	333.286
39.0	643.414	618.790	559.559	479.908	403.036	377.750	355.189	338.799	329.116
39.5	641.633	616.521	559.871	476.510	398.908	373.622	351.183	334.630	324.988
40.0	641.159	615.110	557.362	473.151	394.657	369.371	347.137	330.544	320.983
40.5	638.682	613.618	554.853	469.384	390.407	365.243	342.927	326.455	316.854
41.0	636.821	611.469	552.263	465.986	386.279	361.115	338.840	322.328	312.646
41.5	634.753	609.609	549.754	462.299	381.946	356.824	334.671	318.323	308.599
42.0	634.238	608.117	546.756	458.981	377.736	352.900	330.585	314.154	304.553
42.5	632.538	606.297	544.207	455.662	373.485	348.731	326.456	309.985	300.547
43.0	630.429	603.210	541.577	452.424	369.236	344.521	322.369	306.061	296.298
43.5	629.427	601.759	539.068	448.737	364.780	340.312	318.159	301.852	292.332
44.0	627.278	599.899	536.150	445.050	360.611	336.184	313.949	297.724	288.449
44.5	625.577	598.078	533.112	441.323	356.279	332.097	309.822	293.678	284.404
45.0	624.326	596.627	530.603	437.965	352.028	327.765	305.734	289.509	280.439
45.5	621.648	593.989	527.645	434.279	347.778	323.595	301.484	285.504	276.271
46.0	621.463	592.169	524.687	430.635	343.445	319.385	297.396	281.457	272.265
46.5	618.985	591.126	522.137	426.949	339.153	315.217	293.186	277.330	268.423
47.0	618.062	590.492	519.179	423.182	334.698	311.048	289.058	273.364	264.541
47.5	616.691	588.791	516.181	419.617	330.284	306.797	284.931	269.278	260.413
48.0	615.031	586.402	513.343	416.053	325.911	302.425	280.883	265.395	256.407
48.5	612.353	584.253	510.265	412.448	321.619	298.174	276.674	261.349	252.442
49.0	610.693	581.984	507.347	408.720	317.328	293.964	272.546	257.426	248.396
49.5	609.073	579.715	504.349	404.993	312.996	289.836	268.500	253.462	244.554
50.0	609.296	577.935	501.351	401.347	308.622	285.626	264.454	249.497	240.507
50.5	606.369	575.666	498.433	397.581	304.290	281.294	260.285	245.736	236.584
51.0	605.815	573.477	495.515	393.937	299.998	277.125	256.239	241.731	232.620
51.5	603.787	571.248	492.109	390.169	295.706	272.833	252.110	237.766	228.778
52.0	601.758	568.570	489.070	386.239	291.333	268.705	248.146	233.884	225.018
52.5	600.017	566.341	486.152	382.554	287.041	264.537	244.100	230.001	221.094
53.0	597.868	564.032	482.786	378.705	282.708	260.286	240.013	226.118	217.130
53.5	595.719	561.843	479.747	374.898	278.498	255.994	235.925	222.276	213.166
54.0	593.731	559.534	476.585	371.008	274.126	251.866	231.879	218.311	209.650
54.5	591.582	557.016	473.300	367.078	269.916	247.779	227.874	214.511	205.768

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55.0	589.513	554.707	470.180	363.270	265.624	243.529	223.828	210.587	201.844
55.5	587.404	552.029	467.098	359.299	261.373	239.238	219.823	206.704	198.083
56.0	585.335	549.800	463.896	355.451	257.041	235.109	215.857	202.985	194.120
56.5	583.346	547.122	460.570	351.439	252.748	230.900	211.730	198.979	190.482
57.0	581.237	544.933	457.286	347.467	248.417	226.771	207.887	195.301	186.884
57.5	578.719	542.296	454.122	343.497	244.165	222.481	203.964	191.337	182.920
58.0	576.490	539.578	450.879	339.403	239.751	218.311	199.918	187.617	179.119
58.5	574.502	536.940	447.556	335.432	235.419	214.182	196.035	183.816	175.277
59.0	572.393	534.382	444.108	331.338	231.005	210.014	192.152	179.974	171.639
59.5	569.915	531.624	440.903	327.245	226.549	205.804	188.310	176.255	167.920
60.0	567.237	528.947	437.456	323.274	222.176	201.554	184.468	172.494	164.159
60.5	564.800	526.309	434.254	319.304	217.843	197.385	180.545	168.775	160.399
61.0	562.691	523.629	430.929	315.414	213.552	193.175	176.621	165.014	156.680
61.5	560.133	520.952	427.604	311.402	209.178	189.088	172.697	161.254	152.919
62.0	557.167	518.110	424.115	307.308	204.886	184.879	168.937	157.495	149.322
62.5	554.649	515.308	420.829	303.297	200.471	180.751	165.013	153.693	145.521
63.0	552.131	512.629	417.547	299.285	196.221	176.500	161.090	149.974	141.883
63.5	549.614	509.665	414.222	295.273	191.888	172.290	157.247	146.294	138.123
64.0	547.136	506.783	410.733	291.262	187.555	168.284	153.364	142.493	134.609
64.5	544.210	503.941	407.450	287.250	183.265	164.115	149.399	138.774	131.216
65.0	541.407	501.100	403.840	283.075	178.932	160.028	145.434	135.095	127.414
65.5	538.564	498.095	400.514	278.941	174.559	155.859	141.633	131.376	123.817
66.0	535.802	495.008	397.148	274.930	170.307	151.691	137.668	127.738	120.302
66.5	533.200	492.045	393.579	270.878	166.057	147.521	133.868	123.978	116.787
67.0	530.274	489.080	390.253	266.826	161.805	143.434	130.148	120.381	113.395
67.5	527.430	486.115	386.683	262.651	157.554	139.429	126.347	116.743	109.839
68.0	524.626	483.030	383.196	258.518	153.099	135.464	122.505	113.146	106.201
68.5	521.659	479.943	379.750	254.424	148.808	131.295	118.663	109.549	102.604
69.0	519.061	476.898	376.138	250.414	144.598	127.330	114.862	105.952	99.293
69.5	516.135	473.934	372.772	246.443	140.388	123.243	111.264	102.437	95.860
70.0	513.371	470.846	369.163	242.472	136.137	119.278	107.546	98.922	92.426
70.5	510.526	467.720	365.674	238.461	131.928	115.232	103.867	95.325	88.871
71.0	507.763	464.632	362.146	234.329	127.676	111.309	100.189	91.933	85.437
71.5	504.957	461.545	358.455	230.360	123.670	107.385	96.592	88.540	82.045
72.0	501.913	458.257	355.008	226.512	119.501	103.461	92.995	85.148	78.938
72.5	499.025	455.250	351.479	222.583	115.046	99.578	89.439	81.878	75.464
73.0	496.021	452.083	348.032	218.776	111.040	95.777	85.965	78.445	72.194
73.5	493.093	448.833	344.546	214.846	106.912	92.098	82.449	75.093	68.842
74.0	490.207	445.706	340.937	210.918	102.865	88.379	78.975	71.904	65.655
74.5	487.080	442.418	337.448	207.031	98.941	84.700	75.583	68.675	62.671
75.0	484.112	439.291	333.801	203.264	94.977	81.021	72.231	65.488	59.442
75.5	481.065	436.042	330.315	199.337	91.093	77.425	68.879	62.218	56.376
76.0	477.978	432.915	326.990	195.490	87.210	73.909	65.487	59.153	53.392
76.5	474.886	429.626	323.424	191.845	83.327	70.435	62.135	55.964	50.450
77.0	471.758	426.541	319.938	187.959	79.566	66.961	59.028	52.981	47.711
77.5	468.629	423.294	316.452	184.355	75.724	63.528	55.800	49.956	44.849
78.0	465.582	420.168	313.088	180.672	72.127	60.094	52.653	47.054	42.070
78.5	462.290	416.922	309.764	177.191	68.489	56.743	49.546	44.192	39.291
79.0	459.203	413.594	306.360	173.509	64.973	53.514	46.481	41.331	36.470
79.5	456.074	410.469	303.037	169.948	61.417	50.326	43.496	38.470	33.895
80.0	452.867	407.303	299.675	166.430	57.901	47.218	40.594	35.772	31.279
80.5	449.657	404.099	296.312	163.113	54.509	44.112	37.733	33.075	28.745
81.0	446.652	401.015	293.194	159.797	51.238	41.087	34.954	30.459	26.129
81.5	443.564	397.687	289.955	156.482	48.050	38.185	32.215	27.884	23.595
82.0	440.437	394.604	286.837	153.167	44.903	35.323	29.477	25.349	21.226
82.5	437.633	391.806	283.761	149.974	41.755	32.585	26.942	23.019	18.976

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CANDELA TABULATION - (Cont.)

83.0	434.589	388.804	280.604	146.985	38.731	29.806	24.408	20.648	16.647
83.5	431.708	385.761	277.528	144.036	35.829	27.107	21.996	18.318	14.399
84.0	428.907	382.882	274.616	141.090	33.008	24.532	19.626	16.070	12.191
84.5	426.024	379.923	271.664	138.143	30.229	22.039	17.214	13.822	10.148
85.0	423.304	376.922	268.753	135.359	27.531	19.627	14.925	11.738	8.308
85.5	420.625	374.165	265.718	132.575	24.875	17.216	12.717	9.735	6.673
86.0	417.948	371.528	262.807	129.914	22.300	14.886	10.592	7.937	5.488
86.5	415.469	369.131	260.180	127.253	19.806	12.637	8.548	6.546	4.669
87.0	413.191	367.458	257.590	124.796	17.436	10.430	6.750	5.443	4.138
87.5	411.553	366.185	255.644	122.258	15.065	8.304	5.482	4.747	3.810
88.0	410.760	365.595	254.258	119.759	12.654	6.219	4.583	4.256	3.645
88.5	410.163	365.163	253.390	117.580	10.242	4.502	4.091	3.889	3.441
89.0	409.809	365.055	253.169	116.084	7.789	3.685	3.805	3.765	3.400
89.5	409.737	364.987	252.987	115.588	5.703	3.398	3.682	3.642	3.359
90.0	409.784	364.959	253.008	115.617	4.878	3.316	3.641	3.642	3.399
90.5	409.469	365.054	253.031	115.849	5.794	3.315	3.640	3.641	3.357
91.0	409.640	365.353	253.337	116.937	7.795	3.355	3.599	3.681	3.357
91.5	409.731	365.896	254.010	118.843	10.197	3.995	3.639	3.640	3.316
92.0	410.229	366.766	255.541	121.118	12.519	5.155	3.759	3.599	3.396
92.5	410.767	368.245	257.641	123.394	14.760	7.037	4.079	3.719	3.476
93.0	411.877	370.094	260.149	126.032	17.000	9.238	4.879	3.879	3.757
93.5	413.313	372.431	262.820	128.387	19.322	11.440	6.240	4.319	4.397
94.0	415.443	375.094	265.570	131.065	21.764	13.682	8.082	5.199	5.638
94.5	418.022	377.798	268.157	133.702	24.246	15.843	10.203	6.601	7.359
95.0	420.722	380.703	271.190	136.337	26.808	18.205	12.364	8.282	9.280
95.5	423.422	383.648	274.100	139.094	29.450	20.608	14.606	10.324	11.483
96.0	426.244	386.390	276.969	141.931	32.173	23.009	17.009	12.526	13.645
96.5	428.985	389.213	279.920	144.889	34.974	25.531	19.371	14.727	15.966
97.0	431.765	392.078	282.870	147.886	37.856	28.053	21.813	17.049	18.328
97.5	434.626	395.020	285.861	150.883	40.860	30.735	24.295	19.492	20.650
98.0	437.404	397.963	288.853	154.079	43.821	33.457	26.777	21.854	23.011
98.5	440.345	400.986	292.005	157.317	46.984	36.259	29.378	24.335	25.574
99.0	443.244	404.050	295.157	160.513	50.267	39.262	32.061	26.857	28.136
99.5	446.145	407.032	298.347	163.870	53.549	42.224	34.822	29.500	30.819
100.0	449.043	410.096	301.619	167.266	56.912	45.346	37.584	32.142	33.380
100.5	451.943	413.198	304.849	170.663	60.354	48.469	40.467	34.784	36.102
101.0	455.004	416.220	308.161	174.180	63.878	51.591	43.470	37.506	38.785
101.5	457.822	419.240	311.430	177.657	67.440	54.955	46.432	40.268	41.627
102.0	460.881	422.385	314.860	181.214	71.083	58.076	49.515	43.111	44.550
102.5	463.820	425.406	318.169	184.730	74.726	61.599	52.597	46.033	47.432
103.0	466.842	428.508	321.518	188.287	78.530	65.763	55.760	48.955	50.395
103.5	469.860	431.570	324.908	191.923	82.373	69.206	58.962	51.958	53.317
104.0	472.882	434.630	328.338	195.640	86.136	72.127	62.165	55.001	56.440
104.5	475.818	437.854	331.725	199.276	89.979	75.811	65.528	58.123	59.562
105.0	478.919	440.875	335.075	202.912	93.982	79.334	68.851	61.286	62.725
105.5	481.576	443.977	338.543	206.630	97.946	83.057	72.213	64.448	65.887
106.0	484.634	447.078	341.891	210.386	101.948	87.220	75.657	67.651	69.131
106.5	487.492	450.058	345.240	214.183	106.072	91.543	79.139	70.894	72.332
107.0	490.471	453.120	348.628	217.859	110.116	94.706	82.582	74.216	75.816
107.5	493.450	456.221	351.977	221.656	114.239	98.109	86.185	77.499	79.058
108.0	496.308	459.241	355.447	225.533	118.363	101.952	89.708	81.023	82.461
108.5	499.125	462.262	358.875	229.410	122.566	105.876	93.271	84.384	85.825
109.0	502.144	465.162	362.265	233.246	126.730	109.758	96.954	87.908	89.267
109.5	504.921	468.386	365.652	237.043	130.893	113.682	100.597	91.311	92.670
110.0	507.819	471.205	368.961	241.000	135.137	117.645	104.200	94.834	96.234
110.5	510.637	474.227	372.149	244.876	139.380	121.608	107.923	98.356	99.717

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CANDELA TABULATION - (Cont.)

111.0	513.495	477.048	375.496	248.753	143.663	125.612	111.646	101.920	103.279
111.5	516.274	479.988	378.886	252.711	147.947	129.615	115.329	105.523	106.682
112.0	518.931	482.930	382.193	256.627	152.230	133.659	119.132	109.126	110.124
112.5	521.789	485.832	385.582	260.624	156.635	137.782	122.975	112.689	113.648
113.0	524.364	488.733	388.931	264.540	160.878	141.905	126.738	116.252	117.251
113.5	527.183	491.594	392.238	268.617	165.161	146.069	130.621	119.934	120.934
114.0	529.879	494.333	395.546	272.534	169.565	150.153	134.585	123.577	124.536
114.5	532.536	497.153	398.854	276.490	173.808	154.356	139.308	127.341	128.139
115.0	535.033	500.015	402.162	280.488	178.133	158.520	144.352	131.064	131.823
115.5	537.571	502.836	405.430	284.444	182.496	162.764	147.955	134.707	135.386
116.0	540.307	505.455	408.779	288.400	186.860	166.927	150.438	138.430	139.269
116.5	542.766	508.277	411.925	292.358	191.143	171.090	153.881	142.153	142.912
117.0	545.502	511.098	415.314	296.354	195.507	175.414	158.445	145.956	146.716
117.5	547.919	513.677	418.501	300.271	199.951	179.538	163.569	149.599	150.318
118.0	550.337	516.456	421.728	304.268	204.194	183.861	167.652	153.443	154.082
118.5	552.632	519.037	425.116	308.183	208.598	188.106	170.456	157.085	157.805
119.0	555.090	521.537	428.265	312.181	212.962	192.269	173.578	161.009	161.649
119.5	557.549	524.436	431.491	316.097	217.326	196.392	177.421	164.772	165.251
120.0	559.884	527.058	434.679	319.973	221.770	200.596	181.344	168.615	169.255
120.5	562.261	529.598	437.866	323.770	226.093	204.880	185.308	172.419	172.938
121.0	564.638	532.098	441.094	327.726	230.297	209.043	189.231	176.302	176.701
121.5	567.055	534.720	444.202	331.562	234.700	213.166	193.154	180.906	180.464
122.0	569.032	537.260	447.390	335.519	239.064	217.331	197.238	186.151	184.308
122.5	571.490	539.318	450.456	339.355	243.347	221.454	201.161	190.633	188.191
123.0	573.908	541.940	453.604	343.191	247.671	225.698	205.165	193.597	192.034
123.5	576.325	544.398	456.793	346.987	252.035	229.821	209.168	197.160	195.997
124.0	578.342	546.579	459.980	350.783	256.278	234.025	213.212	201.804	201.322
124.5	580.760	549.078	463.045	354.660	260.643	238.269	217.216	205.727	208.248
125.0	582.859	551.659	466.234	358.495	264.886	242.312	221.299	208.369	212.691
125.5	584.835	553.799	469.381	362.332	269.250	246.516	225.303	211.172	214.774
126.0	587.212	556.339	472.329	366.008	273.493	250.679	229.346	214.895	215.494
126.5	589.188	558.561	475.474	369.764	277.736	254.763	233.309	218.738	218.857
127.0	591.287	561.101	478.823	373.520	282.061	259.006	237.312	222.622	222.700
127.5	593.345	563.241	481.690	377.157	286.344	263.130	241.356	226.465	226.584
128.0	595.322	565.422	484.476	380.952	290.547	267.373	245.441	230.349	230.547
128.5	597.380	567.962	487.784	384.708	294.912	271.617	249.323	234.273	234.430
129.0	599.438	570.143	490.651	388.385	299.235	275.741	253.527	238.275	238.393
129.5	599.413	572.282	493.518	392.101	303.519	279.904	257.650	242.159	242.356
130.0	601.512	574.422	496.827	395.817	307.762	284.067	261.734	246.042	246.320
130.5	602.769	576.562	499.653	399.573	312.006	288.311	265.818	249.925	250.324
131.0	604.746	578.261	502.520	403.209	316.330	292.475	269.780	253.849	254.247
131.5	605.243	580.123	505.387	406.885	320.693	296.598	273.824	257.852	258.211
132.0	608.380	581.863	508.254	410.521	324.977	300.721	277.987	261.815	262.294
132.5	610.479	583.561	511.121	414.157	329.341	304.926	282.031	265.779	266.256
133.0	611.377	585.023	513.989	417.713	333.664	309.049	286.234	269.662	270.221
133.5	613.353	586.362	516.856	421.389	337.869	313.253	290.277	274.146	274.184
134.0	616.212	588.943	519.682	425.106	342.112	317.456	294.441	278.069	278.268
134.5	617.069	590.683	522.149	428.741	346.395	321.540	298.565	282.073	282.191
135.0	619.086	593.264	525.016	432.458	350.679	325.823	302.607	286.116	286.396
135.5	621.586	594.562	527.883	435.693	354.963	330.026	306.772	290.201	290.278
136.0	622.402	596.343	530.628	439.410	359.206	334.231	310.815	294.083	294.362
136.5	625.220	598.123	533.176	443.005	363.410	338.273	314.899	298.127	298.244
137.0	625.276	600.222	535.602	446.681	367.694	342.516	319.022	302.091	302.490
137.5	627.612	602.403	538.510	449.998	371.858	346.762	322.985	306.052	306.493
138.0	628.469	603.742	540.054	453.551	376.059	350.843	327.026	310.015	310.249
138.5	630.928	606.323	542.161	456.827	380.103	354.966	331.151	314.220	314.536

IES INDOOR REPORT**PHOTOMETRIC FILENAME : CMH-2-00-L25-927U-L25-927D-DMA-DIM-UNV_.IES****CANDELA TABULATION - (Cont.)**

139.0	632.308	607.303	545.028	460.463	384.266	358.970	335.194	318.183	318.620
139.5	633.442	609.001	547.054	463.657	388.471	363.174	339.238	322.227	322.664
140.0	634.700	610.823	549.562	466.892	392.595	367.177	343.161	326.190	326.668
140.5	636.799	612.644	550.828	470.486	396.759	371.341	347.325	330.354	330.992
141.0	638.016	614.383	552.894	473.680	401.003	375.385	351.449	334.598	335.236
141.5	639.673	615.004	555.761	477.275	405.207	379.468	355.492	338.761	339.359
142.0	640.612	617.225	557.787	480.510	409.210	383.552	359.534	342.924	343.522
142.5	641.870	618.965	560.295	483.704	413.213	387.555	363.537	346.888	347.686
143.0	643.846	620.263	562.320	486.980	417.216	391.638	367.541	350.891	351.809
143.5	645.545	621.243	564.387	490.256	421.620	395.802	371.704	355.134	355.973
144.0	644.801	622.664	566.854	493.532	425.664	399.885	375.706	359.297	360.136
144.5	646.981	624.485	568.920	496.767	429.708	403.728	379.790	363.420	364.299
145.0	648.999	625.865	570.586	499.683	433.711	407.731	383.794	367.423	368.623
145.5	649.096	627.245	573.454	502.959	437.714	411.775	387.796	371.546	372.626
146.0	650.313	628.143	575.079	505.875	441.358	415.778	391.719	375.550	376.750
146.5	652.534	629.965	577.186	507.950	445.361	419.782	395.682	379.632	380.873
147.0	653.432	630.863	579.212	510.826	449.364	423.785	399.806	383.674	385.035
147.5	655.131	632.725	580.919	512.942	453.008	427.870	403.769	387.758	389.039
148.0	655.146	632.904	582.986	515.417	457.011	431.832	407.772	391.841	393.242
148.5	655.285	633.884	584.251	518.693	460.655	435.435	411.816	395.924	397.326
149.0	656.501	635.705	586.318	521.568	464.699	439.079	415.778	399.927	401.489
149.5	657.122	635.084	587.584	523.684	468.302	443.123	419.782	403.810	405.493
150.0	657.497	636.823	589.650	527.001	471.905	447.126	423.785	407.813	409.896
150.5	658.795	637.803	592.158	529.517	475.508	450.770	427.788	412.216	413.899
151.0	658.852	638.783	592.664	532.434	479.151	454.373	431.432	416.179	418.262
151.5	660.191	639.003	595.131	534.909	482.795	458.376	435.435	420.223	422.306
152.0	660.288	639.623	596.037	537.825	486.439	462.019	439.438	424.185	426.669
152.5	659.944	640.603	597.745	539.941	490.042	465.622	443.482	428.188	430.713
153.0	660.042	640.782	599.452	542.858	493.285	469.266	447.044	431.791	434.716
153.5	661.340	641.803	600.717	545.374	495.328	472.869	451.088	436.195	438.719
154.0	660.637	642.423	601.624	548.290	499.331	476.913	454.691	440.157	443.164
154.5	661.535	642.643	602.449	550.406	502.133	480.116	458.694	444.160	447.208
155.0	662.392	643.222	604.074	552.522	504.576	483.800	462.338	447.763	451.170
155.5	662.130	643.083	605.217	555.079	507.419	487.362	466.341	451.766	455.214
156.0	660.985	643.703	605.960	557.154	511.022	491.047	469.985	455.769	459.176
156.5	661.883	644.364	606.785	559.711	513.865	493.048	473.588	459.732	462.779
157.0	662.299	644.143	608.010	561.867	517.109	496.692	477.191	463.335	466.823
157.5	660.460	644.404	608.835	563.542	519.911	499.895	481.235	467.338	470.827
158.0	660.582	643.464	609.782	565.658	522.754	503.097	484.838	471.341	474.830
158.5	659.510	643.725	610.329	567.414	525.956	505.540	488.040	474.944	478.433
159.0	658.407	643.986	611.276	569.530	528.800	508.743	490.442	478.547	482.436
159.5	659.468	644.206	611.823	571.687	531.201	512.346	495.287	482.550	486.039
160.0	658.160	643.985	612.411	573.402	534.445	515.189	497.288	486.153	490.042
160.5	657.220	643.722	613.399	574.758	536.888	518.432	500.932	489.756	493.686
161.0	657.554	643.779	613.987	576.514	538.889	521.234	503.734	492.558	497.648
161.5	656.778	642.316	614.934	578.230	542.092	524.437	506.177	496.161	500.850
162.0	656.247	641.694	613.962	579.986	544.093	527.280	509.780	499.764	502.370
162.5	654.743	640.713	615.350	580.542	547.337	530.523	512.582	502.566	505.891
163.0	654.317	641.375	615.178	582.698	549.379	533.726	516.626	505.368	508.971
163.5	653.573	640.075	615.407	583.613	552.182	536.169	519.429	508.971	512.533
164.0	653.793	640.058	615.995	584.969	554.183	538.571	522.231	512.174	515.695
164.5	652.493	638.800	615.823	585.884	556.626	541.373	525.875	515.817	520.017
165.0	651.235	638.742	616.051	587.240	559.028	544.575	529.077	518.620	523.219
165.5	649.175	636.683	615.920	588.555	561.471	546.618	531.479	521.422	526.021
166.0	649.159	635.906	615.707	589.911	563.472	549.020	534.322	525.025	529.943
166.5	648.259	635.089	615.977	591.267	565.074	551.863	537.484	528.227	533.546

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CANDELA TABULATION - (Cont.)

167.0	647.278	634.271	615.445	591.063	567.116	553.865	540.727	531.070	536.748
167.5	645.538	632.735	615.314	592.060	568.758	556.267	542.729	534.714	539.550
168.0	642.760	631.558	615.183	593.056	570.760	558.709	545.972	537.917	542.794
168.5	642.342	630.618	615.052	594.094	572.761	561.111	549.216	541.160	545.956
169.0	639.924	629.236	614.120	593.489	574.804	563.513	551.177	543.562	548.717
169.5	638.706	627.741	613.989	594.845	575.964	565.114	554.379	547.165	551.078
170.0	637.488	626.205	613.458	595.082	577.165	567.557	556.822	549.567	554.281
170.5	636.311	625.510	612.167	595.719	578.407	569.559	558.864	552.410	557.124
171.0	633.852	624.055	612.477	595.997	579.207	571.560	560.907	555.212	559.566
171.5	631.915	622.601	610.745	596.274	581.250	572.802	563.350	558.096	562.769
172.0	630.861	620.786	610.696	596.912	582.892	574.804	565.752	559.697	565.089
172.5	628.965	619.013	609.404	596.789	584.052	576.805	568.153	562.900	568.251
173.0	626.309	617.559	608.195	596.707	584.894	578.807	570.555	565.302	569.811
173.5	624.895	615.745	607.827	597.426	585.653	579.608	572.557	567.304	572.654
174.0	623.400	614.331	606.218	597.344	586.054	581.609	574.158	569.746	575.416
174.5	621.063	611.757	605.090	597.263	587.295	583.611	576.119	572.148	576.617
175.0	618.726	609.984	603.962	596.421	588.496	584.812	577.720	574.109	578.978
175.5	616.430	608.292	602.876	597.222	589.256	585.572	579.763	576.151	580.579
176.0	615.817	606.642	601.830	597.181	590.098	587.214	581.723	578.194	583.822
176.5	612.483	604.272	600.825	596.821	590.457	588.014	584.166	580.236	585.064
177.0	610.751	602.785	599.101	596.821	590.539	589.215	584.567	582.197	587.066
177.5	608.177	600.539	598.619	596.021	591.299	589.616	586.568	583.798	588.226
178.0	605.767	599.174	597.777	596.021	591.699	590.817	587.728	586.241	591.469
178.5	603.201	596.690	596.576	595.620	591.699	592.018	588.929	587.802	593.430
179.0	601.477	595.849	594.975	595.620	592.099	592.418	590.972	589.403	594.231
179.5	599.835	594.288	594.174	594.820	592.099	593.219	591.772	590.645	597.474
180.0	593.610	593.610	593.610	593.610	593.610	593.610	593.610	593.610	593.610

IES INDOOR REPORT**PHOTOMETRIC FILENAME : CMH-2-00-L25-927U-L25-927D-DMA-DIM-UNV_.IES****ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	220.39	N.A.	5.50
0-30	468.17	N.A.	11.70
0-40	767.97	N.A.	19.20
0-60	1390.96	N.A.	34.70
0-80	1862.91	N.A.	46.50
0-90	2011.16	N.A.	50.20
10-90	1954.23	N.A.	48.80
20-40	547.58	N.A.	13.70
20-50	865.46	N.A.	21.60
40-70	888.25	N.A.	22.20
60-80	471.95	N.A.	11.80
70-80	206.69	N.A.	5.20
80-90	148.25	N.A.	3.70
90-110	353.61	N.A.	8.80
90-120	617.00	N.A.	15.40
90-130	919.96	N.A.	23.00
90-150	1532.51	N.A.	38.20
90-180	1995.47	N.A.	49.80
110-180	1641.86	N.A.	41.00
0-180	4006.64	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	56.93
10-20	163.46
20-30	247.78
30-40	299.80
40-50	317.88
50-60	305.11
60-70	265.25
70-80	206.69
80-90	148.25
90-100	148.03
100-110	205.58
110-120	263.39
120-130	302.96
130-140	315.45
140-150	297.10
150-160	245.13
160-170	161.54
170-180	56.30

IES INDOOR REPORT

PHOTOMETRIC FILENAME : CMH-2-00-L25-927U-L25-927D-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	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-L25-927U-L25-927D-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

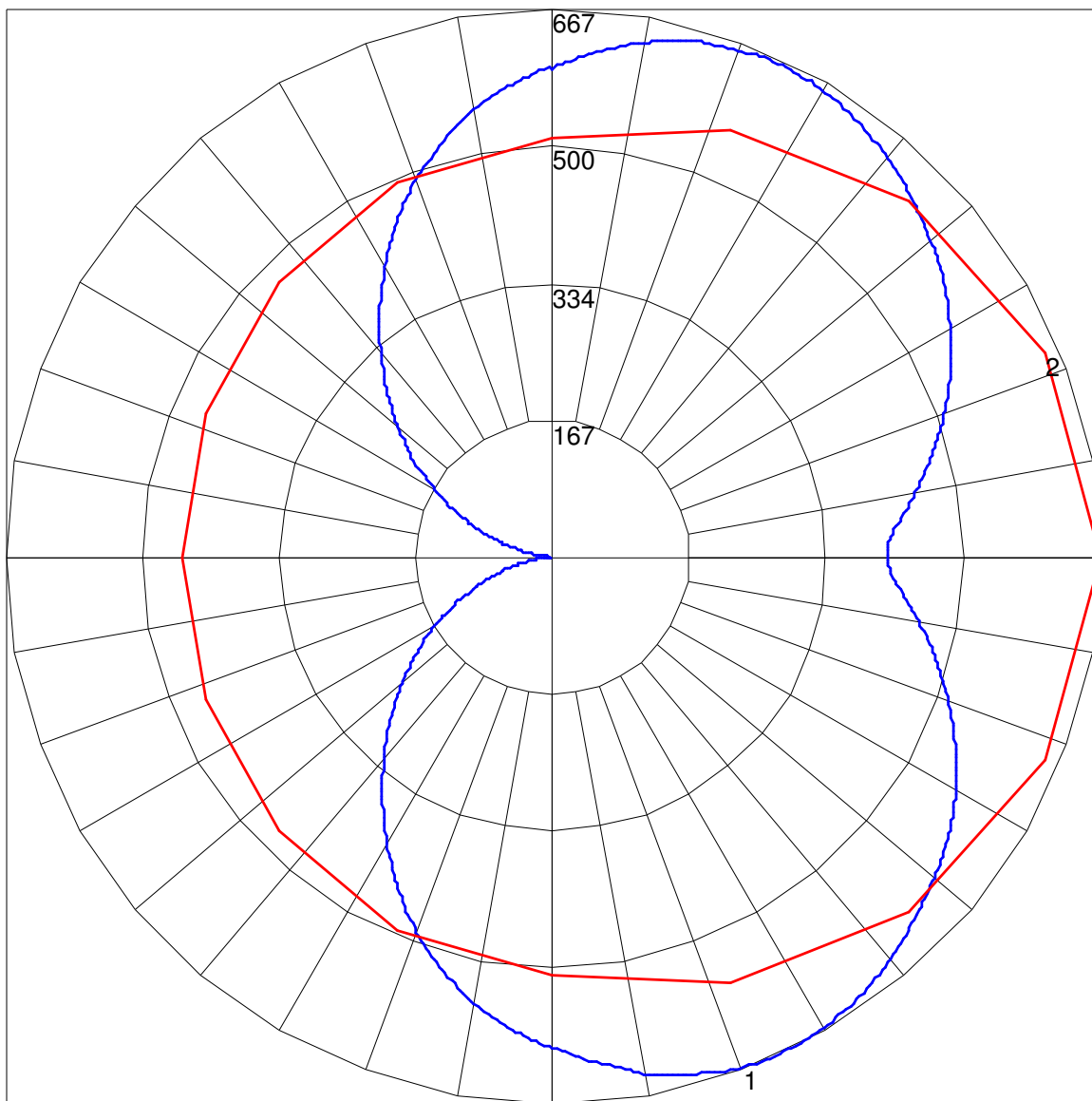
X=2H	Y=2H	20.9	21.8	21.8	22.7	24.0	15.0	15.9	15.9	16.8	18.1
	3H	23.9	24.7	24.9	25.7	27.0	16.3	17.2	17.3	18.1	19.4
	4H	25.5	26.2	26.4	27.2	28.5	16.8	17.5	17.7	18.5	19.8
	6H	27.1	27.8	28.1	28.8	30.1	17.0	17.7	18.0	18.7	20.0
	8H	27.9	28.6	28.9	29.6	31.0	17.0	17.7	18.0	18.7	20.1
	12H	28.9	29.5	29.9	30.5	31.9	17.1	17.7	18.1	18.7	20.1

UGR Viewed Endwise

4H	2H	21.2	21.9	22.1	22.9	24.2	16.2	17.0	17.2	18.0	19.3
	3H	24.4	25.1	25.4	26.1	27.4	17.8	18.5	18.8	19.5	20.8
	4H	26.1	26.8	27.1	27.8	29.1	18.4	19.0	19.4	20.0	21.4
	6H	28.0	28.5	29.0	29.6	30.9	18.8	19.3	19.8	20.4	21.7
	8H	29.0	29.5	30.0	30.5	31.8	18.9	19.4	19.9	20.4	21.8
	12H	30.0	30.5	31.0	31.5	32.8	18.9	19.4	20.0	20.4	21.8
8H	4H	26.3	26.8	27.3	27.8	29.2	19.5	20.0	20.5	21.0	22.4
	6H	28.3	28.7	29.3	29.8	31.1	20.1	20.5	21.2	21.6	23.0
	8H	29.4	29.8	30.5	30.8	32.2	20.4	20.7	21.4	21.8	23.1
	12H	30.7	31.0	31.7	32.0	33.4	20.5	20.8	21.5	21.9	23.3
12H	4H	26.3	26.7	27.3	27.7	29.1	19.8	20.3	20.9	21.3	22.7
	6H	28.3	28.7	29.4	29.7	31.1	20.6	21.0	21.7	22.1	23.4
	8H	29.5	29.8	30.5	30.9	32.3	21.0	21.3	22.0	22.3	23.7

Maximum UGR = 33.4

POLAR GRAPH



Maximum Candela = 667.104 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.)