

IES INDOOR REPORT

PHOTOMETRIC FILENAME : CMH-2-00-L25-827U-L25-827D-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-L25-827U-L25-827D-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	4858
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	113
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	20066	18700	17635
55	19948	17823	15968
65	19982	17122	13976
75	20329	16629	11068
85	21369	16849	6717

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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	727.044	727.044	727.044	727.044	727.044	727.044	727.044	727.044	727.044
0.5	728.066	729.279	727.928	730.697	725.741	729.512	724.615	724.576	724.645
1.0	730.048	731.009	730.600	731.290	725.294	728.424	722.535	722.497	722.614
1.5	732.672	733.331	731.387	732.874	725.294	726.393	721.447	719.970	719.145
2.0	734.897	736.197	733.165	733.019	724.750	724.857	719.465	717.939	717.114
2.5	738.113	738.169	735.536	733.660	724.254	723.866	717.482	716.453	715.181
3.0	740.241	741.133	737.411	733.806	723.759	722.875	715.995	713.479	712.654
3.5	743.059	743.746	738.790	735.487	723.759	720.844	713.518	711.448	711.167
4.0	746.770	746.359	741.161	735.633	722.719	718.862	712.526	708.970	707.698
4.5	748.451	748.526	743.036	735.331	722.224	718.366	710.048	706.492	704.676
5.0	749.384	751.236	744.658	736.964	721.232	715.888	707.075	703.966	701.751
5.5	752.843	753.451	745.192	737.158	719.746	713.410	705.588	701.488	700.264
6.0	755.165	755.219	746.620	736.856	718.706	712.866	703.606	699.457	697.242
6.5	757.040	758.570	748.097	736.603	717.763	710.932	701.031	695.939	694.317
7.0	758.915	760.688	749.077	736.700	717.219	709.348	698.553	692.917	690.800
7.5	760.828	762.456	750.107	736.496	714.693	706.871	695.579	690.439	687.330
8.0	764.510	763.728	751.379	735.203	713.206	704.393	693.101	687.417	683.861
8.5	767.772	765.593	752.651	735.942	712.710	702.906	690.575	684.444	680.441
9.0	772.230	767.555	753.778	735.145	710.232	700.379	687.553	680.431	676.972
9.5	774.434	769.264	754.458	735.387	708.697	697.406	684.579	677.408	675.980
10.0	776.892	771.916	755.089	734.687	707.210	695.375	682.101	674.435	670.529
10.5	779.301	773.479	756.215	733.939	704.732	692.945	679.079	670.917	668.100
11.0	780.767	774.596	756.895	732.743	703.693	690.419	675.562	668.439	664.630
11.5	782.088	776.353	757.079	731.548	700.719	687.445	672.637	664.426	660.170
12.0	782.913	777.615	757.758	731.344	698.737	685.910	669.614	660.957	656.254
12.5	785.769	779.868	757.991	730.148	697.201	681.897	666.145	657.488	652.785
13.0	787.381	781.082	758.320	728.953	695.219	679.419	662.628	653.475	647.926
13.5	788.643	782.694	758.650	728.253	691.750	676.445	659.606	649.461	645.050
14.0	791.042	783.713	759.028	727.106	690.215	672.432	655.145	645.497	640.735
14.5	792.703	784.781	758.318	725.366	687.737	669.954	651.628	641.532	636.323
15.0	792.731	785.305	758.550	724.219	684.219	666.932	648.159	637.567	631.911
15.5	793.760	785.877	758.481	721.984	681.246	663.910	644.145	633.107	629.433
16.0	794.197	786.945	757.917	720.147	678.719	660.441	641.123	629.142	623.438
16.5	796.333	788.013	758.839	719.496	676.241	656.972	637.159	625.673	620.464
17.0	798.673	787.594	758.770	717.260	673.763	652.959	633.641	621.164	617.539
17.5	799.041	789.206	758.157	714.481	670.245	650.432	629.132	618.142	612.535
18.0	800.448	788.787	757.544	713.334	666.776	645.428	624.672	613.682	609.066
18.5	802.352	789.408	756.785	711.196	663.259	642.454	622.641	611.204	604.557
19.0	801.874	790.028	756.619	709.650	660.285	638.441	618.676	606.744	600.097
19.5	804.117	790.105	755.365	707.658	656.768	635.419	614.167	602.283	595.092
20.0	805.223	789.783	755.199	705.024	653.794	631.454	612.185	597.823	590.632
20.5	805.543	790.404	753.498	702.886	650.772	627.441	607.676	593.314	585.628
21.0	805.813	790.034	752.836	699.951	646.312	623.476	603.216	588.854	581.167
21.5	806.628	790.256	751.630	698.454	643.290	621.445	599.251	583.898	576.211
22.0	807.686	790.080	750.473	696.510	639.325	616.489	594.742	579.438	571.207
22.5	808.297	789.904	749.267	693.973	635.312	612.923	590.233	574.977	566.747
23.0	807.867	790.174	748.110	691.388	631.794	607.967	585.773	570.022	561.742
23.5	807.982	789.648	747.400	687.811	627.334	605.985	581.264	565.066	556.786
24.0	808.545	789.569	745.747	685.916	624.360	601.972	576.755	560.557	551.335
24.5	808.864	789.393	744.590	683.029	619.851	597.511	572.295	555.649	546.875
25.0	808.192	789.265	742.442	680.939	618.365	592.954	567.786	550.645	541.870
25.5	807.025	788.146	741.284	678.403	614.847	588.494	563.326	545.689	536.419
26.0	807.344	787.873	739.632	674.379	611.378	583.985	558.322	541.229	531.910
26.5	806.721	786.608	738.027	671.299	606.869	579.525	553.813	536.273	526.410

IES INDOOR REPORT**PHOTOMETRIC FILENAME : CMH-2-00-L25-827U-L25-827D-DMA-DIM-UNV_.IES****CANDELA TABULATION - (Cont.)**

27.0	805.602	785.840	736.967	668.762	602.360	574.967	548.857	531.317	521.454
27.5	805.571	785.566	733.973	666.225	598.347	570.507	544.348	526.313	516.449
28.0	805.891	784.302	732.019	661.658	593.886	565.503	539.839	521.357	510.998
28.5	804.578	783.037	730.512	659.568	589.922	561.042	534.883	516.401	505.994
29.0	803.507	782.764	729.005	655.545	584.966	556.533	529.927	510.949	501.038
29.5	803.283	780.508	727.099	651.424	580.457	551.578	524.923	505.994	495.834
30.0	802.902	779.147	725.096	648.839	575.948	546.525	520.463	500.989	490.682
30.5	801.638	778.028	723.094	645.311	571.488	542.064	515.458	495.984	485.725
31.0	801.461	777.259	721.139	641.686	567.028	537.060	510.502	490.978	480.572
31.5	800.391	776.393	718.146	640.092	562.519	532.104	505.546	486.072	475.468
32.0	798.728	775.129	716.687	635.971	557.563	527.595	500.542	480.966	470.561
32.5	799.047	773.369	714.140	633.882	553.054	522.591	495.537	476.010	465.359
33.0	796.345	772.648	712.040	630.354	548.594	517.635	490.531	470.808	460.156
33.5	796.810	770.344	709.445	626.282	543.589	512.630	485.575	465.802	455.150
34.0	796.138	768.633	706.354	622.706	538.633	507.674	480.571	460.896	449.948
34.5	794.572	766.872	703.263	618.585	533.629	503.166	475.565	455.791	444.893
35.0	792.715	765.112	701.211	614.513	528.673	498.061	470.659	450.786	439.986
35.5	791.547	763.896	699.063	610.937	524.213	493.057	465.753	445.731	434.832
36.0	789.680	761.145	696.069	606.865	519.257	488.051	460.747	440.775	429.679
36.5	788.610	759.385	693.969	602.793	513.805	483.047	455.545	435.918	424.574
37.0	786.898	758.169	690.334	598.672	508.801	478.190	450.688	430.815	419.420
37.5	785.381	755.467	687.195	594.600	503.845	473.037	445.732	425.661	414.565
38.0	784.758	753.211	685.192	590.528	498.889	468.031	440.677	420.804	409.312
38.5	781.656	751.499	681.110	586.456	493.835	462.927	435.721	415.750	404.109
39.0	780.139	750.283	678.466	581.889	488.681	458.022	430.666	410.794	399.054
39.5	777.980	747.532	678.844	577.768	483.676	453.016	425.809	405.739	394.048
40.0	777.406	745.821	675.801	573.696	478.522	447.862	420.904	400.784	389.191
40.5	774.402	744.012	672.759	569.128	473.369	442.858	415.799	395.827	384.186
41.0	772.146	741.406	669.619	565.008	468.363	437.852	410.844	390.823	379.084
41.5	769.637	739.151	666.577	560.537	463.110	432.649	405.789	385.966	374.176
42.0	769.014	737.342	662.942	556.514	458.005	427.891	400.834	380.912	369.271
42.5	766.953	735.135	659.851	552.491	452.851	422.837	395.828	375.857	364.413
43.0	764.396	731.393	656.663	548.564	447.698	417.732	390.872	371.099	359.261
43.5	763.180	729.633	653.620	544.094	442.296	412.628	385.768	365.996	354.453
44.0	760.574	727.377	650.082	539.623	437.241	407.623	380.663	360.990	349.745
44.5	758.513	725.170	646.398	535.104	431.988	402.667	375.659	356.085	344.839
45.0	756.995	723.410	643.356	531.032	426.834	397.415	370.703	351.030	340.032
45.5	753.748	720.212	639.769	526.564	421.681	392.359	365.549	346.173	334.978
46.0	753.524	718.004	636.183	522.145	416.427	387.255	360.593	341.267	330.121
46.5	750.519	716.740	633.092	517.675	411.223	382.201	355.488	336.263	325.463
47.0	749.401	715.971	629.505	513.108	405.822	377.146	350.483	331.454	320.756
47.5	747.738	713.910	625.870	508.786	400.469	371.991	345.479	326.500	315.750
48.0	745.725	711.013	622.429	504.464	395.167	366.690	340.571	321.791	310.894
48.5	742.478	708.407	618.697	500.093	389.963	361.536	335.468	316.886	306.086
49.0	740.465	705.656	615.159	495.573	384.760	356.431	330.462	312.128	301.180
49.5	738.500	702.905	611.524	491.054	379.507	351.426	325.556	307.322	296.521
50.0	738.771	700.746	607.888	486.634	374.204	346.322	320.651	302.515	291.615
50.5	735.223	697.995	604.350	482.067	368.951	341.069	315.596	297.955	286.859
51.0	734.551	695.341	600.812	477.648	363.747	336.014	310.689	293.099	282.052
51.5	732.091	692.638	596.682	473.080	358.544	330.810	305.684	288.292	277.394
52.0	729.631	689.391	592.998	468.315	353.241	325.805	300.877	283.585	272.834
52.5	727.521	686.688	589.460	463.846	348.037	320.751	295.971	278.876	268.077
53.0	724.915	683.889	585.378	459.180	342.784	315.597	291.015	274.168	263.270
53.5	722.310	681.234	581.693	454.564	337.679	310.393	286.059	269.510	258.463
54.0	719.898	678.435	577.860	449.847	332.378	305.387	281.153	264.703	254.200
54.5	717.293	675.382	573.876	445.082	327.273	300.432	276.297	260.095	249.494

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CANDELA TABULATION - (Cont.)

55.0	714.784	672.582	570.093	440.465	322.069	295.278	271.391	255.337	244.736
55.5	712.227	669.335	566.356	435.650	316.915	290.076	266.535	250.629	240.176
56.0	709.719	666.633	562.473	430.984	311.662	285.069	261.727	246.119	235.370
56.5	707.307	663.386	558.441	426.119	306.457	279.966	256.723	241.262	230.959
57.0	704.750	660.732	554.460	421.304	301.205	274.959	252.063	236.803	226.597
57.5	701.697	657.533	550.623	416.490	296.050	269.758	247.306	231.996	221.791
58.0	698.995	654.238	546.691	411.526	290.699	264.702	242.400	227.486	217.182
58.5	696.583	651.040	542.661	406.711	285.445	259.696	237.692	222.877	212.523
59.0	694.026	647.939	538.481	401.747	280.093	254.642	232.984	218.218	208.113
59.5	691.022	644.595	534.595	396.784	274.691	249.538	228.325	213.709	203.603
60.0	687.775	641.348	530.416	391.970	269.388	244.385	223.667	209.149	199.043
60.5	684.820	638.149	526.533	387.156	264.135	239.330	218.910	204.639	194.484
61.0	682.262	634.901	522.501	382.439	258.931	234.225	214.153	200.080	189.974
61.5	679.161	631.654	518.470	377.575	253.629	229.269	209.395	195.521	185.415
62.0	675.564	628.209	514.240	372.611	248.424	224.166	204.836	190.962	181.053
62.5	672.512	624.811	510.256	367.747	243.072	219.160	200.078	186.353	176.444
63.0	669.459	621.562	506.276	362.884	237.917	214.006	195.321	181.843	172.034
63.5	666.406	617.969	502.244	358.019	232.664	208.901	190.662	177.382	167.474
64.0	663.402	614.474	498.014	353.155	227.411	204.045	185.954	172.773	163.213
64.5	659.854	611.029	494.033	348.291	222.208	198.990	181.146	168.263	159.099
65.0	656.455	607.584	489.656	343.229	216.955	194.034	176.339	163.803	154.490
65.5	653.009	603.941	485.623	338.216	211.652	188.979	171.730	159.293	150.129
66.0	649.659	600.197	481.542	333.353	206.497	183.925	166.923	154.882	145.867
66.5	646.506	596.604	477.215	328.440	201.344	178.870	162.315	150.323	141.605
67.0	642.957	593.010	473.182	323.526	196.189	173.914	157.804	145.962	137.491
67.5	639.509	589.415	468.853	318.464	191.034	169.057	153.195	141.551	133.180
68.0	636.110	585.674	464.626	313.452	185.633	164.250	148.538	137.190	128.769
68.5	632.512	581.931	460.446	308.489	180.429	159.195	143.879	132.829	124.408
69.0	629.362	578.239	456.068	303.627	175.325	154.388	139.270	128.467	120.393
69.5	625.814	574.645	451.987	298.812	170.220	149.432	134.908	124.205	116.230
70.0	622.463	570.901	447.610	293.998	165.066	144.625	130.399	119.943	112.066
70.5	619.013	567.110	443.380	289.134	159.962	139.719	125.939	115.582	107.756
71.0	615.663	563.367	439.102	284.124	154.807	134.962	121.479	111.469	103.593
71.5	612.261	559.623	434.627	279.311	149.950	130.204	117.118	107.355	99.480
72.0	608.569	555.636	430.447	274.645	144.894	125.446	112.756	103.242	95.712
72.5	605.068	551.991	426.169	269.882	139.494	120.738	108.445	99.277	91.500
73.0	601.425	548.150	421.989	265.266	134.636	116.129	104.232	95.114	87.535
73.5	597.876	544.211	417.763	260.501	129.631	111.669	99.970	91.050	83.471
74.0	594.376	540.419	413.386	255.738	124.724	107.159	95.757	87.184	79.606
74.5	590.584	536.432	409.156	251.025	119.966	102.699	91.644	83.269	75.989
75.0	586.986	532.640	404.733	246.457	115.159	98.239	87.580	79.404	72.073
75.5	583.291	528.701	400.506	241.696	110.450	93.877	83.515	75.439	68.356
76.0	579.548	524.910	396.476	237.032	105.742	89.615	79.403	71.722	64.738
76.5	575.799	520.922	392.151	232.612	101.034	85.403	75.339	67.857	61.171
77.0	572.006	517.181	387.924	227.900	96.473	81.190	71.572	64.239	57.849
77.5	568.212	513.244	383.698	223.530	91.815	77.027	67.658	60.572	54.380
78.0	564.518	509.454	379.619	219.065	87.454	72.864	63.842	57.053	51.010
78.5	560.526	505.518	375.589	214.844	83.043	68.801	60.075	53.583	47.640
79.0	556.784	501.483	371.462	210.380	78.780	64.885	56.358	50.114	44.220
79.5	552.990	497.694	367.433	206.062	74.468	61.020	52.739	46.645	41.098
80.0	549.101	493.855	363.356	201.796	70.205	57.252	49.221	43.374	37.926
80.5	545.210	489.970	359.278	197.775	66.092	53.486	45.752	40.103	34.854
81.0	541.565	486.231	355.498	193.754	62.126	49.818	42.382	36.931	31.682
81.5	537.822	482.195	351.570	189.735	58.260	46.299	39.060	33.809	28.609
82.0	534.030	478.457	347.789	185.716	54.444	42.830	35.741	30.736	25.736
82.5	530.630	475.065	344.060	181.844	50.628	39.509	32.667	27.910	23.008

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CANDELA TABULATION - (Cont.)

83.0	526.939	471.425	340.232	178.219	46.961	36.139	29.594	25.036	20.184
83.5	523.446	467.735	336.503	174.644	43.442	32.867	26.670	22.211	17.459
84.0	520.049	464.245	332.972	171.071	40.023	29.745	23.796	19.485	14.781
84.5	516.554	460.656	329.392	167.498	36.653	26.722	20.872	16.760	12.304
85.0	513.256	457.018	325.863	164.123	33.382	23.798	18.097	14.232	10.073
85.5	510.007	453.675	322.183	160.748	30.161	20.874	15.420	11.804	8.091
86.0	506.762	450.478	318.653	157.521	27.038	18.049	12.842	9.623	6.654
86.5	503.756	447.572	315.468	154.295	24.015	15.322	10.365	7.937	5.662
87.0	500.994	445.542	312.327	151.315	21.141	12.646	8.184	6.599	5.017
87.5	499.008	444.000	309.969	148.237	18.266	10.068	6.647	5.756	4.620
88.0	498.047	443.284	308.287	145.208	15.342	7.541	5.556	5.161	4.419
88.5	497.323	442.760	307.236	142.566	12.418	5.459	4.961	4.715	4.173
89.0	496.893	442.629	306.967	140.752	9.444	4.468	4.614	4.565	4.122
89.5	496.807	442.547	306.746	140.150	6.914	4.120	4.465	4.416	4.073
90.0	496.863	442.512	306.772	140.185	5.914	4.021	4.414	4.415	4.121
90.5	496.481	442.628	306.801	140.467	7.025	4.020	4.413	4.414	4.071
91.0	496.689	442.990	307.171	141.786	9.451	4.067	4.364	4.463	4.071
91.5	496.799	443.649	307.988	144.098	12.364	4.844	4.412	4.413	4.021
92.0	497.403	444.703	309.843	146.856	15.179	6.251	4.558	4.364	4.118
92.5	498.055	446.497	312.390	149.615	17.896	8.532	4.945	4.509	4.215
93.0	499.401	448.739	315.431	152.814	20.613	11.202	5.916	4.704	4.555
93.5	501.142	451.573	318.669	155.670	23.428	13.871	7.566	5.236	5.332
94.0	503.725	454.801	322.003	158.916	26.389	16.589	9.799	6.304	6.836
94.5	506.851	458.080	325.140	162.113	29.399	19.210	12.372	8.004	8.923
95.0	510.125	461.602	328.818	165.309	32.505	22.073	14.992	10.042	11.252
95.5	513.399	465.174	332.347	168.652	35.709	24.987	17.710	12.517	13.923
96.0	516.821	468.498	335.825	172.091	39.009	27.898	20.623	15.188	16.544
96.5	520.144	471.921	339.403	175.678	42.406	30.956	23.487	17.857	19.359
97.0	523.515	475.395	342.980	179.312	45.901	34.014	26.448	20.672	22.223
97.5	526.984	478.962	346.607	182.945	49.542	37.266	29.457	23.634	25.038
98.0	530.353	482.530	350.235	186.821	53.133	40.567	32.467	26.497	27.901
98.5	533.918	486.196	354.056	190.747	56.969	43.964	35.621	29.506	31.009
99.0	537.434	489.911	357.877	194.622	60.949	47.605	38.874	32.564	34.115
99.5	540.950	493.527	361.746	198.693	64.928	51.197	42.222	35.768	37.368
100.0	544.465	497.241	365.713	202.810	69.005	54.983	45.571	38.972	40.474
100.5	547.981	501.002	369.629	206.929	73.180	58.769	49.066	42.176	43.774
101.0	551.692	504.667	373.645	211.193	77.452	62.555	52.707	45.476	47.026
101.5	555.110	508.328	377.609	215.409	81.771	66.633	56.299	48.825	50.473
102.0	558.819	512.141	381.768	219.722	86.188	70.417	60.037	52.272	54.017
102.5	562.382	515.805	385.780	223.985	90.605	74.689	63.774	55.815	57.512
103.0	566.045	519.565	389.841	228.298	95.217	79.737	67.609	59.358	61.104
103.5	569.705	523.278	393.951	232.707	99.877	83.912	71.492	62.999	64.647
104.0	573.369	526.989	398.110	237.214	104.440	87.454	75.375	66.689	68.433
104.5	576.929	530.898	402.217	241.623	109.099	91.921	79.452	70.474	72.219
105.0	580.689	534.561	406.278	246.031	113.953	96.192	83.482	74.309	76.054
105.5	583.910	538.322	410.483	250.538	118.759	100.706	87.558	78.144	79.888
106.0	587.618	542.082	414.543	255.093	123.612	105.754	91.734	82.027	83.821
106.5	591.085	545.696	418.603	259.697	128.613	110.996	95.956	85.960	87.703
107.0	594.696	549.408	422.712	264.154	133.515	114.831	100.131	89.987	91.927
107.5	598.308	553.167	426.772	268.758	138.515	118.957	104.499	93.967	95.858
108.0	601.773	556.830	430.979	273.458	143.515	123.616	108.771	98.240	99.984
108.5	605.189	560.492	435.136	278.160	148.612	128.374	113.091	102.316	104.062
109.0	608.849	564.009	439.246	282.811	153.660	133.081	117.556	106.588	108.237
109.5	612.217	567.918	443.353	287.414	158.708	137.839	121.974	110.714	112.363
110.0	615.730	571.336	447.366	292.212	163.853	142.645	126.343	114.986	116.684
110.5	619.147	575.000	451.230	296.912	168.998	147.450	130.857	119.257	120.906

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CANDELA TABULATION - (Cont.)

111.0	622.612	578.420	455.289	301.614	174.192	152.305	135.371	123.578	125.226
111.5	625.982	581.986	459.400	306.412	179.385	157.159	139.837	127.947	129.352
112.0	629.204	585.553	463.409	311.160	184.579	162.061	144.448	132.315	133.525
112.5	632.669	589.071	467.518	316.006	189.919	167.061	149.107	136.635	137.798
113.0	635.791	592.589	471.579	320.755	195.064	172.060	153.670	140.955	142.166
113.5	639.209	596.058	475.589	325.699	200.258	177.109	158.378	145.421	146.632
114.0	642.478	599.378	479.599	330.447	205.597	182.060	163.185	149.838	151.000
114.5	645.700	602.798	483.610	335.244	210.743	187.157	168.911	154.401	155.369
115.0	648.727	606.268	487.622	340.091	215.986	192.206	175.027	158.915	159.836
115.5	651.805	609.688	491.584	344.888	221.276	197.351	179.396	163.332	164.155
116.0	655.122	612.864	495.645	349.685	226.567	202.399	182.406	167.846	168.864
116.5	658.103	616.286	499.459	354.484	231.761	207.447	186.580	172.361	173.281
117.0	661.421	619.707	503.568	359.329	237.053	212.689	192.115	176.972	177.893
117.5	664.352	622.833	507.432	364.078	242.440	217.690	198.328	181.389	182.260
118.0	667.283	626.203	511.345	368.925	247.585	222.932	203.278	186.050	186.824
118.5	670.066	629.333	515.454	373.672	252.925	228.078	206.677	190.466	191.338
119.0	673.047	632.363	519.271	378.519	258.216	233.126	210.464	195.223	195.999
119.5	676.028	635.879	523.183	383.268	263.507	238.126	215.123	199.786	200.366
120.0	678.860	639.058	527.048	387.968	268.896	243.222	219.880	204.446	205.221
120.5	681.742	642.138	530.913	392.571	274.138	248.417	224.685	209.058	209.687
121.0	684.623	645.169	534.827	397.368	279.235	253.465	229.442	213.766	214.251
121.5	687.555	648.348	538.595	402.019	284.574	258.464	234.199	219.348	218.813
122.0	689.951	651.428	542.460	406.817	289.865	263.513	239.151	225.708	223.473
122.5	692.932	653.923	546.178	411.468	295.058	268.513	243.908	231.143	228.181
123.0	695.863	657.102	549.995	416.119	300.302	273.659	248.763	234.736	232.841
123.5	698.794	660.083	553.861	420.722	305.592	278.658	253.617	239.056	237.646
124.0	701.240	662.727	557.725	425.325	310.737	283.755	258.520	244.687	244.103
124.5	704.172	665.757	561.442	430.025	316.029	288.901	263.374	249.444	252.501
125.0	706.717	668.887	565.309	434.676	321.174	293.804	268.325	252.648	257.888
125.5	709.113	671.482	569.124	439.328	326.465	298.900	273.180	256.047	260.413
126.0	711.995	674.562	572.699	443.785	331.610	303.948	278.082	260.560	261.287
126.5	714.391	677.255	576.512	448.339	336.755	308.900	282.887	265.220	265.364
127.0	716.936	680.335	580.573	452.894	341.998	314.045	287.741	269.930	270.024
127.5	719.431	682.930	584.049	457.302	347.192	319.045	292.645	274.589	274.733
128.0	721.828	685.574	587.427	461.904	352.289	324.190	297.597	279.298	279.538
128.5	724.323	688.654	591.438	466.459	357.580	329.336	302.304	284.055	284.247
129.0	726.819	691.298	594.914	470.916	362.823	334.335	307.402	288.908	289.052
129.5	726.788	693.893	598.391	475.422	368.016	339.384	312.401	293.618	293.857
130.0	729.333	696.487	602.402	479.928	373.161	344.432	317.352	298.326	298.664
130.5	730.858	699.082	605.829	484.483	378.308	349.578	322.304	303.034	303.517
131.0	733.254	701.141	609.305	488.890	383.550	354.626	327.108	307.792	308.274
131.5	733.858	703.399	612.782	493.348	388.840	359.625	332.012	312.646	313.081
132.0	737.660	705.508	616.258	497.757	394.034	364.625	337.060	317.451	318.032
132.5	740.205	707.568	619.735	502.166	399.326	369.722	341.962	322.256	322.835
133.0	741.294	709.340	623.211	506.477	404.568	374.722	347.059	326.966	327.643
133.5	743.691	710.964	626.688	510.934	409.666	379.819	351.961	332.402	332.449
134.0	747.157	714.094	630.115	515.441	414.811	384.916	357.010	337.159	337.401
134.5	748.196	716.203	633.106	519.849	420.004	389.867	362.010	342.014	342.156
135.0	750.642	719.332	636.582	524.356	425.198	395.061	366.911	346.916	347.255
135.5	753.672	720.907	640.058	528.278	430.393	400.157	371.961	351.868	351.962
136.0	754.662	723.065	643.386	532.785	435.538	405.255	376.864	356.575	356.914
136.5	758.079	725.224	646.476	537.143	440.634	410.156	381.815	361.479	361.620
137.0	758.147	727.769	649.418	541.601	445.829	415.301	386.814	366.285	366.769
137.5	760.980	730.413	652.944	545.622	450.878	420.449	391.619	371.089	371.622
138.0	762.019	732.037	654.815	549.931	455.972	425.397	396.519	375.893	376.177
138.5	765.000	735.167	657.371	553.903	460.875	430.397	401.520	380.991	381.375

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CANDELA TABULATION - (Cont.)

139.0	766.673	736.355	660.847	558.311	465.923	435.251	406.423	385.797	386.327
139.5	768.049	738.414	663.303	562.184	471.022	440.348	411.326	390.700	391.230
140.0	769.574	740.622	666.344	566.106	476.021	445.202	416.083	395.506	396.085
140.5	772.119	742.831	667.879	570.465	481.070	450.251	421.132	400.555	401.328
141.0	773.594	744.940	670.384	574.337	486.216	455.155	426.131	405.700	406.473
141.5	775.604	745.692	673.861	578.696	491.313	460.106	431.034	410.748	411.473
142.0	776.742	748.386	676.317	582.618	496.167	465.056	435.935	415.796	416.521
142.5	778.267	750.495	679.357	586.491	501.021	469.910	440.789	420.601	421.569
143.0	780.663	752.069	681.813	590.463	505.875	474.861	445.643	425.455	426.568
143.5	782.723	753.257	684.319	594.435	511.214	479.909	450.691	430.600	431.617
144.0	781.821	754.980	687.310	598.407	516.117	484.860	455.544	435.647	436.664
144.5	784.465	757.188	689.816	602.330	521.021	489.520	460.496	440.647	441.712
145.0	786.911	758.862	691.836	605.866	525.875	494.374	465.350	445.500	446.956
145.5	787.029	760.535	695.313	609.838	530.728	499.277	470.203	450.500	451.809
146.0	788.504	761.624	697.283	613.374	535.146	504.131	474.959	455.354	456.809
146.5	791.198	763.832	699.838	615.890	540.000	508.985	479.765	460.304	461.808
147.0	792.286	764.921	702.295	619.376	544.854	513.839	484.764	465.205	466.855
147.5	794.346	767.179	704.364	621.942	549.272	518.792	489.570	470.156	471.709
148.0	794.365	767.396	706.870	624.943	554.126	523.596	494.423	475.107	476.806
148.5	794.533	768.584	708.405	628.915	558.544	527.965	499.327	480.058	481.758
149.0	796.008	770.792	710.911	632.402	563.448	532.383	504.131	484.911	486.805
149.5	796.760	770.039	712.445	634.967	567.816	537.286	508.985	489.619	491.660
150.0	797.215	772.148	714.951	638.989	572.185	542.140	513.839	494.473	496.999
150.5	798.789	773.336	717.992	642.040	576.553	546.558	518.693	499.812	501.853
151.0	798.857	774.524	718.605	645.576	580.971	550.927	523.111	504.617	507.143
151.5	800.481	774.791	721.596	648.577	585.389	555.781	527.965	509.520	512.046
152.0	800.599	775.543	722.695	652.113	589.807	560.199	532.819	514.324	517.336
152.5	800.182	776.731	724.765	654.679	594.176	564.567	537.722	519.178	522.239
153.0	800.301	776.948	726.835	658.215	598.108	568.985	542.041	523.547	527.093
153.5	801.875	778.186	728.370	661.266	600.585	573.354	546.944	528.886	531.947
154.0	801.022	778.938	729.469	664.802	605.439	578.257	551.313	533.690	537.336
154.5	802.111	779.204	730.469	667.367	608.836	582.140	556.167	538.544	542.239
155.0	803.150	779.907	732.440	669.933	611.798	586.608	560.585	542.913	547.044
155.5	802.832	779.738	733.826	673.033	615.246	590.927	565.439	547.767	551.947
156.0	801.445	780.490	734.727	675.549	619.614	595.394	569.857	552.620	556.751
156.5	802.534	781.292	735.727	678.649	623.061	597.821	574.225	557.425	561.120
157.0	803.038	781.024	737.212	681.264	626.994	602.239	578.594	561.793	566.023
157.5	800.808	781.340	738.212	683.295	630.392	606.122	583.497	566.647	570.877
158.0	800.955	780.200	739.360	685.860	633.839	610.005	587.866	571.501	575.731
158.5	799.656	780.516	740.024	687.990	637.722	612.967	591.749	575.869	580.100
159.0	798.318	780.833	741.172	690.555	641.169	616.850	594.661	580.238	584.953
159.5	799.605	781.099	741.836	693.170	644.082	621.219	600.535	585.092	589.322
160.0	798.019	780.831	742.548	695.250	648.014	624.666	602.962	589.460	594.176
160.5	796.880	780.513	743.746	696.894	650.976	628.599	607.380	593.829	598.594
161.0	797.285	780.582	744.459	699.024	653.403	631.997	610.778	597.227	603.398
161.5	796.343	778.808	745.608	701.104	657.286	635.880	613.740	601.595	607.281
162.0	795.699	778.054	744.429	703.233	659.713	639.327	618.108	605.964	609.124
162.5	793.875	776.865	746.112	703.907	663.646	643.260	621.506	609.361	613.393
163.0	793.359	777.667	745.904	706.522	666.122	647.143	626.410	612.759	617.127
163.5	792.457	776.091	746.181	707.631	669.520	650.105	629.807	617.127	621.446
164.0	792.724	776.071	746.894	709.275	671.947	653.017	633.205	621.011	625.280
164.5	791.148	774.545	746.685	710.385	674.909	656.415	637.623	625.429	630.520
165.0	789.622	774.475	746.962	712.029	677.821	660.298	641.506	628.826	634.403
165.5	787.125	771.978	746.803	713.623	680.783	662.774	644.418	632.224	637.801
166.0	787.105	771.036	746.545	715.268	683.210	665.687	647.866	636.592	642.556
166.5	786.015	770.045	746.872	716.912	685.152	669.134	651.699	640.476	646.924

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167.0	784.825	769.054	746.227	716.664	687.628	671.561	655.632	643.923	650.807
167.5	782.715	767.191	746.069	717.872	689.619	674.473	658.059	648.341	654.205
168.0	779.346	765.764	745.910	719.081	692.046	677.435	661.992	652.224	658.138
168.5	778.840	764.624	745.751	720.339	694.473	680.347	665.924	656.157	661.971
169.0	775.907	762.949	744.621	719.605	696.950	683.260	668.302	659.069	665.319
169.5	774.431	761.136	744.462	721.250	698.356	685.201	672.185	663.438	668.182
170.0	772.954	759.273	743.818	721.537	699.812	688.163	675.147	666.350	672.065
170.5	771.527	758.431	742.252	722.309	701.318	690.590	677.623	669.797	675.512
171.0	768.545	756.667	742.629	722.646	702.289	693.017	680.100	673.195	678.474
171.5	766.197	754.903	740.528	722.983	704.765	694.523	683.061	676.692	682.357
172.0	764.918	752.704	740.468	723.755	706.757	696.950	685.974	678.633	685.171
172.5	762.620	750.554	738.903	723.607	708.163	699.377	688.886	682.516	689.004
173.0	759.400	748.790	737.437	723.508	709.183	701.804	691.798	685.429	690.896
173.5	757.686	746.590	736.990	724.379	710.105	702.774	694.225	687.856	694.343
174.0	755.872	744.876	735.039	724.280	710.590	705.201	696.167	690.817	697.692
174.5	753.039	741.755	733.671	724.181	712.096	707.628	698.544	693.730	699.148
175.0	750.205	739.605	732.304	723.161	713.552	709.084	700.486	696.107	702.011
175.5	747.421	737.555	730.987	724.131	714.473	710.006	702.962	698.584	703.952
176.0	746.678	735.553	729.718	724.082	715.494	711.997	705.340	701.060	707.885
176.5	742.636	732.680	728.500	723.646	715.929	712.967	708.302	703.537	709.390
177.0	740.535	730.877	726.410	723.646	716.028	714.424	708.787	705.914	711.817
177.5	737.415	728.153	725.825	722.675	716.950	714.909	711.214	707.856	713.224
178.0	734.492	726.499	724.805	722.675	717.435	716.365	712.621	710.817	717.157
178.5	731.382	723.487	723.349	722.190	717.435	717.821	714.077	712.709	719.534
179.0	729.291	722.467	721.407	722.190	717.920	718.307	716.553	714.651	720.505
179.5	727.300	720.575	720.436	721.219	717.920	719.277	717.524	716.157	724.437
180.0	719.753	719.753	719.753	719.753	719.753	719.753	719.753	719.753	719.753

IES INDOOR REPORT**PHOTOMETRIC FILENAME : CMH-2-00-L25-827U-L25-827D-DMA-DIM-UNV_.IES****ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	267.23	N.A.	5.50
0-30	567.65	N.A.	11.70
0-40	931.16	N.A.	19.20
0-60	1686.54	N.A.	34.70
0-80	2258.78	N.A.	46.50
0-90	2438.54	N.A.	50.20
10-90	2369.5	N.A.	48.80
20-40	663.94	N.A.	13.70
20-50	1049.37	N.A.	21.60
40-70	1077.00	N.A.	22.20
60-80	572.24	N.A.	11.80
70-80	250.62	N.A.	5.20
80-90	179.75	N.A.	3.70
90-110	428.75	N.A.	8.80
90-120	748.11	N.A.	15.40
90-130	1115.45	N.A.	23.00
90-150	1858.16	N.A.	38.20
90-180	2419.51	N.A.	49.80
110-180	1990.76	N.A.	41.00
0-180	4858.05	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	69.03
10-20	198.19
20-30	300.43
30-40	363.51
40-50	385.43
50-60	369.95
60-70	321.62
70-80	250.62
80-90	179.75
90-100	179.49
100-110	249.26
110-120	319.36
120-130	367.34
130-140	382.49
140-150	360.23
150-160	297.23
160-170	195.87
170-180	68.26

IES INDOOR REPORT

PHOTOMETRIC FILENAME : CMH-2-00-L25-827U-L25-827D-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-L25-827U-L25-827D-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

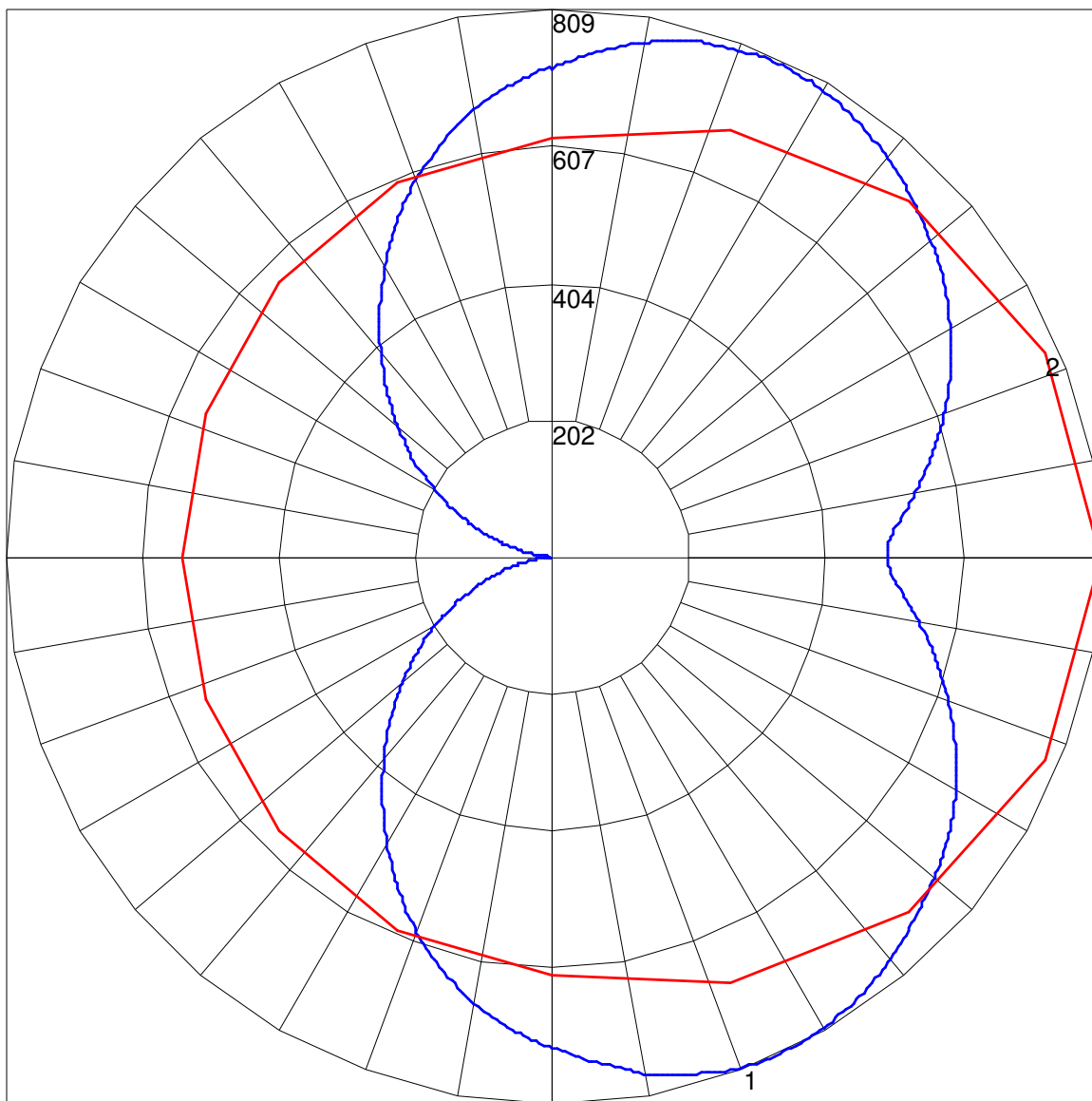
X=2H	Y=2H	21.6	22.5	22.5	23.4	24.7	15.7	16.6	16.6	17.5	18.8
	3H	24.6	25.4	25.6	26.4	27.7	17.0	17.9	18.0	18.8	20.1
	4H	26.2	26.9	27.1	27.9	29.2	17.5	18.2	18.4	19.2	20.5
	6H	27.8	28.5	28.8	29.5	30.8	17.7	18.4	18.7	19.4	20.7
	8H	28.6	29.3	29.6	30.3	31.7	17.7	18.4	18.7	19.4	20.8
	12H	29.6	30.2	30.6	31.2	32.6	17.8	18.4	18.8	19.4	20.8

UGR Viewed Endwise

4H	2H	21.9	22.6	22.8	23.6	24.9	16.9	17.7	17.9	18.7	20.0
	3H	25.1	25.8	26.1	26.8	28.1	18.5	19.2	19.5	20.2	21.5
	4H	26.8	27.5	27.8	28.5	29.8	19.1	19.7	20.1	20.7	22.1
	6H	28.7	29.2	29.7	30.3	31.6	19.5	20.0	20.5	21.1	22.4
	8H	29.7	30.2	30.7	31.2	32.5	19.6	20.1	20.6	21.1	22.5
	12H	30.7	31.2	31.7	32.2	33.5	19.6	20.1	20.7	21.1	22.5
8H	4H	27.0	27.5	28.0	28.5	29.9	20.2	20.7	21.2	21.7	23.1
	6H	29.0	29.4	30.0	30.5	31.8	20.8	21.2	21.9	22.3	23.7
	8H	30.1	30.5	31.2	31.5	32.9	21.1	21.4	22.1	22.5	23.8
	12H	31.4	31.7	32.4	32.7	34.1	21.2	21.5	22.2	22.6	24.0
12H	4H	27.0	27.4	28.0	28.4	29.8	20.5	21.0	21.6	22.0	23.4
	6H	29.0	29.4	30.1	30.4	31.8	21.3	21.7	22.4	22.8	24.1
	8H	30.2	30.5	31.2	31.6	33.0	21.7	22.0	22.7	23.0	24.4

Maximum UGR = 34.1

POLAR GRAPH



Maximum Candela = 808.864 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.)