

IES INDOOR REPORT

PHOTOMETRIC FILENAME : MCTABX-22-L68-835-(L37)-CS-SCPC-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

[IESNA] LM-63-2002

[TEST] GEN from UL #15318387.02

[TESTLAB] UL Verification Services Inc.

[ISSUE DATE] 8-13-2025

[TEST DATE] 8/8/2025

[MANUFAC] H E WILLIAMS INC

[LUMCAT] MCTABX-22-L68-835-(L37)-CS-SCPC-DIM-UNV

[LUMINAIRE] White 2x2 Architectural Behavioral Health Troffer

[LAMP] 3500k LED

[OTHER] This test was performed using the calibrated photodetector met

[MORE] hod of absolute photometry.

[OTHER] The reported results were measured in a facility that meets th

[MORE] e requirements of ANSI/IES LM-75-19. The device under test emits no de

[MORE] tectable uplight as defined by ANSI/IES LM-75-19.

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3584
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	123
Total Luminaire Watts	29.21
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.24
Spacing Criterion (90-270)	1.60
Spacing Criterion (Diagonal)	1.54
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	1.58 ft
Luminous Width (90-270)	1.58 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	4175	5390	6863
55	3893	5753	7309
65	3404	5639	6406
75	2480	3954	2775
85	931	935	841

IES INDOOR REPORT**PHOTOMETRIC FILENAME : MCTABX-22-L68-835-(L37)-CS-SCPC-DIM-UNV_.IES****CANDELA TABULATION**

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0.0	1096.203	1096.203	1096.203	1096.203	1096.203
0.5	1090.952	1097.280	1098.357	1095.934	1094.722
1.0	1090.818	1097.146	1098.088	1095.799	1094.587
1.5	1090.818	1096.742	1097.819	1095.530	1094.453
2.0	1090.414	1096.472	1097.415	1095.126	1093.914
2.5	1089.875	1095.799	1097.011	1094.722	1093.780
3.0	1088.933	1095.261	1096.203	1094.184	1093.241
3.5	1088.125	1094.587	1095.799	1093.914	1093.241
4.0	1087.048	1093.645	1095.126	1092.972	1092.164
4.5	1085.971	1092.433	1093.914	1092.164	1091.760
5.0	1084.624	1091.491	1093.376	1091.895	1091.356
5.5	1083.547	1090.279	1092.299	1091.222	1090.548
6.0	1081.662	1089.202	1091.087	1090.144	1089.606
6.5	1080.316	1087.586	1090.010	1089.337	1088.933
7.0	1078.970	1085.836	1088.798	1088.798	1088.394
7.5	1077.354	1084.490	1087.452	1087.856	1087.452
8.0	1075.469	1082.874	1086.105	1086.913	1086.779
8.5	1073.854	1081.124	1084.894	1085.836	1085.971
9.0	1072.103	1079.508	1083.547	1084.624	1085.028
9.5	1069.680	1077.489	1082.066	1083.817	1084.221
10.0	1067.526	1075.604	1080.316	1082.740	1083.413
10.5	1065.641	1073.450	1078.700	1081.528	1082.605
11.0	1063.083	1071.161	1077.085	1080.585	1081.662
11.5	1060.390	1069.141	1075.469	1079.374	1080.720
12.0	1057.967	1066.583	1073.450	1078.162	1079.643
12.5	1055.139	1064.429	1071.565	1076.816	1078.970
13.0	1052.312	1061.871	1069.680	1075.335	1077.489
13.5	1049.619	1059.178	1067.391	1074.123	1077.085
14.0	1046.657	1056.082	1065.237	1072.911	1075.873
14.5	1043.157	1053.120	1062.948	1071.565	1074.661
15.0	1039.925	1049.888	1060.659	1069.949	1074.123
15.5	1036.560	1046.253	1058.505	1068.737	1073.046
16.0	1032.520	1042.753	1055.139	1067.122	1071.565
16.5	1028.616	1039.252	1052.447	1065.641	1070.757
17.0	1024.712	1035.617	1049.754	1063.621	1069.680
17.5	1020.538	1031.578	1046.792	1062.006	1068.603
18.0	1015.960	1027.674	1043.830	1060.255	1067.122
18.5	1012.056	1023.634	1040.599	1058.505	1065.775
19.0	1007.074	1019.461	1037.367	1056.486	1064.698
19.5	1003.035	1015.018	1034.405	1054.466	1063.621
20.0	998.188	1010.709	1031.039	1052.850	1062.813
20.5	994.015	1006.670	1027.943	1051.235	1062.140
21.0	989.302	1002.497	1024.981	1049.888	1061.602
21.5	984.456	998.188	1021.884	1048.946	1061.332
22.0	979.339	993.611	1018.653	1048.004	1061.198
22.5	975.973	989.168	1015.556	1047.196	1061.736
23.0	972.338	984.725	1012.729	1046.523	1062.140
23.5	968.165	980.282	1010.036	1045.849	1062.679
24.0	965.472	976.916	1007.074	1045.445	1063.621
24.5	960.221	974.089	1003.843	1045.176	1064.968
25.0	955.105	971.127	1001.016	1044.907	1065.910
25.5	950.123	967.222	998.323	1044.638	1066.583
26.0	944.873	962.375	995.630	1044.503	1068.199
26.5	939.757	957.528	992.130	1044.368	1069.411

IES INDOOR REPORT**PHOTOMETRIC FILENAME : MCTABX-22-L68-835-(L37)-CS-SCPC-DIM-UNV_.IES****CANDELA TABULATION - (Cont.)**

27.0	934.506	952.412	989.033	1044.234	1071.161
27.5	928.851	947.161	985.937	1044.099	1072.373
28.0	923.196	941.911	983.109	1044.234	1073.854
28.5	917.542	936.795	980.820	1044.368	1075.469
29.0	911.618	931.544	977.589	1044.503	1077.758
29.5	905.559	925.889	975.704	1044.907	1080.181
30.0	899.635	920.234	973.012	1045.176	1082.201
30.5	893.442	914.580	970.319	1045.445	1084.759
31.0	886.979	908.925	966.818	1046.119	1090.010
31.5	880.651	903.001	963.856	1046.926	1096.068
32.0	874.189	897.077	961.702	1047.869	1102.262
32.5	867.861	891.288	958.471	1049.215	1107.647
33.0	861.399	885.364	955.374	1051.369	1114.379
33.5	854.801	879.440	952.143	1054.735	1120.707
34.0	848.204	873.247	948.912	1057.697	1125.015
34.5	841.338	867.053	945.680	1060.794	1128.381
35.0	834.606	860.995	942.449	1064.429	1131.612
35.5	827.874	854.936	939.353	1067.795	1134.440
36.0	821.008	848.608	936.256	1070.353	1136.998
36.5	813.872	842.415	932.890	1072.103	1139.690
37.0	806.737	835.818	929.659	1073.450	1142.248
37.5	799.735	829.221	926.428	1074.931	1143.864
38.0	792.734	822.893	923.196	1076.142	1145.210
38.5	785.329	816.430	919.965	1077.219	1146.691
39.0	778.194	809.833	916.868	1078.027	1147.903
39.5	770.923	803.236	913.906	1078.431	1148.307
40.0	763.788	796.504	911.079	1078.566	1148.172
40.5	756.517	789.772	909.060	1078.566	1147.903
41.0	748.843	783.041	907.175	1078.297	1146.557
41.5	741.438	776.309	905.290	1077.489	1144.672
42.0	733.899	769.577	903.136	1076.142	1142.248
42.5	725.955	762.845	901.655	1074.257	1139.286
43.0	718.685	755.979	899.904	1071.834	1136.055
43.5	710.876	749.112	897.616	1069.007	1132.824
44.0	703.202	742.111	894.654	1066.045	1132.285
44.5	695.931	734.976	891.422	1062.275	1131.882
45.0	687.853	727.975	888.056	1057.832	1130.804
45.5	679.910	720.839	884.691	1052.985	1129.189
46.0	671.966	713.703	881.190	1048.677	1125.150
46.5	664.023	706.433	877.555	1045.042	1119.764
47.0	655.945	699.163	873.516	1040.868	1113.436
47.5	647.732	692.027	869.207	1036.694	1108.186
48.0	639.654	684.757	864.361	1031.578	1101.589
48.5	631.441	677.217	858.841	1025.115	1094.722
49.0	623.363	669.947	852.647	1018.249	1088.125
49.5	615.015	662.138	846.319	1010.979	1081.528
50.0	606.533	654.598	840.126	1003.439	1073.988
50.5	598.051	646.924	833.933	996.034	1066.583
51.0	589.569	639.250	827.470	988.629	1059.178
51.5	581.222	631.441	821.143	981.090	1050.427
52.0	572.740	623.632	814.545	974.627	1041.137
52.5	564.123	615.958	807.544	968.838	1031.982
53.0	555.506	608.014	800.543	961.164	1022.154
53.5	546.621	600.071	793.004	952.547	1011.248
54.0	537.869	592.397	785.329	943.526	999.535
54.5	529.118	584.453	777.251	934.102	988.360

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55.0	520.367	576.510	768.904	924.273	976.916
55.5	511.481	568.432	760.153	913.368	963.722
56.0	502.729	560.219	751.401	901.789	951.470
56.5	493.574	552.141	742.381	889.672	936.256
57.0	484.957	544.062	733.091	876.882	920.773
57.5	475.802	535.984	723.936	863.014	904.751
58.0	466.782	527.772	714.915	849.012	888.864
58.5	457.761	519.424	705.356	834.606	872.035
59.0	448.337	511.077	695.393	819.258	854.128
59.5	439.047	502.864	685.295	803.371	835.683
60.0	429.757	494.247	675.198	787.080	818.046
60.5	420.602	485.765	664.965	770.385	800.005
61.0	411.312	477.283	654.598	753.555	781.829
61.5	401.887	468.936	643.424	735.918	763.115
62.0	392.328	460.319	632.249	717.608	744.266
62.5	382.769	451.702	620.535	699.297	725.551
63.0	373.210	443.086	608.284	680.448	706.972
63.5	363.651	434.334	595.359	660.388	687.449
64.0	354.092	425.583	582.434	640.058	669.139
64.5	344.667	416.697	569.105	619.728	650.694
65.0	335.243	407.811	555.372	600.206	630.902
65.5	325.684	398.791	541.100	581.357	611.380
66.0	316.259	389.501	526.291	562.911	592.262
66.5	306.835	380.346	510.942	545.005	573.548
67.0	297.410	371.056	495.728	526.425	555.237
67.5	287.986	361.631	479.976	507.980	536.523
68.0	278.561	352.072	464.089	489.535	517.539
68.5	269.137	342.244	447.933	471.225	498.017
69.0	259.847	332.281	431.911	452.914	474.994
69.5	249.884	322.048	415.620	434.738	452.106
70.0	240.594	311.951	399.329	416.563	429.757
70.5	231.169	301.584	382.904	398.252	407.677
71.0	221.610	291.217	366.613	379.403	383.173
71.5	212.590	280.446	350.322	360.016	357.458
72.0	203.300	269.675	333.896	340.763	334.031
72.5	194.010	258.904	317.875	320.971	309.258
73.0	185.124	247.999	301.988	300.911	281.658
73.5	175.969	237.497	285.966	279.638	252.307
74.0	166.948	226.592	269.944	257.289	222.822
74.5	158.197	215.956	254.327	233.054	194.010
75.0	149.580	205.319	238.440	206.935	167.352
75.5	141.367	194.279	222.553	181.085	144.733
76.0	132.993	183.239	207.070	157.120	127.540
76.5	124.821	172.199	191.856	135.982	114.952
77.0	116.675	161.159	176.238	118.843	104.396
77.5	108.624	149.849	160.486	106.066	95.107
78.0	100.896	138.540	144.060	95.847	86.880
78.5	93.545	127.621	127.258	86.800	79.664
79.0	86.396	116.958	110.670	78.829	72.946
79.5	79.354	106.376	95.228	71.640	66.618
80.0	72.447	96.049	81.764	65.083	60.667
80.5	65.971	86.126	70.751	58.903	55.147
81.0	59.603	76.729	62.067	53.006	49.909
81.5	53.437	67.574	54.635	47.553	44.968
82.0	47.513	58.674	48.119	42.383	40.337
82.5	41.818	50.556	42.303	37.536	35.907

IES INDOOR REPORT**PHOTOMETRIC FILENAME : MCTABX-22-L68-835-(L37)-CS-SCPC-DIM-UNV_.IES****CANDELA TABULATION - (Cont.)**

83.0	36.540	43.272	36.944	32.851	31.653
83.5	31.828	36.756	32.057	28.570	27.681
84.0	27.304	30.912	27.412	24.692	23.898
84.5	22.834	25.675	23.023	21.124	20.330
85.0	18.916	20.963	18.984	17.785	17.085
85.5	15.402	16.735	15.483	14.810	14.244
86.0	12.225	13.140	12.494	12.198	11.713
86.5	9.478	10.138	9.882	9.653	9.182
87.0	7.190	7.661	7.607	7.136	6.436
87.5	5.332	5.709	5.628	4.914	4.214
88.0	3.931	4.160	3.931	3.272	2.854
88.5	2.841	2.868	2.545	2.073	1.925
89.0	1.750	1.656	1.427	1.131	1.077
89.5	0.444	0.781	0.740	0.606	0.579
90.0	0.000	0.000	0.000	0.000	0.000
90.5	0.000	0.000	0.000	0.000	0.000
91.0	0.000	0.000	0.000	0.000	0.000
91.5	0.000	0.000	0.000	0.000	0.000
92.0	0.000	0.000	0.000	0.000	0.000
92.5	0.000	0.000	0.000	0.000	0.000
93.0	0.000	0.000	0.000	0.000	0.000
93.5	0.000	0.000	0.000	0.000	0.000
94.0	0.000	0.000	0.000	0.000	0.000
94.5	0.000	0.000	0.000	0.000	0.000
95.0	0.000	0.000	0.000	0.000	0.000
95.5	0.000	0.000	0.000	0.000	0.000
96.0	0.000	0.000	0.000	0.000	0.000
96.5	0.000	0.000	0.000	0.000	0.000
97.0	0.000	0.000	0.000	0.000	0.000
97.5	0.000	0.000	0.000	0.000	0.000
98.0	0.000	0.000	0.000	0.000	0.000
98.5	0.000	0.000	0.000	0.000	0.000
99.0	0.000	0.000	0.000	0.000	0.000
99.5	0.000	0.000	0.000	0.000	0.000
100.0	0.000	0.000	0.000	0.000	0.000
100.5	0.000	0.000	0.000	0.000	0.000
101.0	0.000	0.000	0.000	0.000	0.000
101.5	0.000	0.000	0.000	0.000	0.000
102.0	0.000	0.000	0.000	0.000	0.000
102.5	0.000	0.000	0.000	0.000	0.000
103.0	0.000	0.000	0.000	0.000	0.000
103.5	0.000	0.000	0.000	0.000	0.000
104.0	0.000	0.000	0.000	0.000	0.000
104.5	0.000	0.000	0.000	0.000	0.000
105.0	0.000	0.000	0.000	0.000	0.000
105.5	0.000	0.000	0.000	0.000	0.000
106.0	0.000	0.000	0.000	0.000	0.000
106.5	0.000	0.000	0.000	0.000	0.000
107.0	0.000	0.000	0.000	0.000	0.000
107.5	0.000	0.000	0.000	0.000	0.000
108.0	0.000	0.000	0.000	0.000	0.000
108.5	0.000	0.000	0.000	0.000	0.000
109.0	0.000	0.000	0.000	0.000	0.000
109.5	0.000	0.000	0.000	0.000	0.000
110.0	0.000	0.000	0.000	0.000	0.000
110.5	0.000	0.000	0.000	0.000	0.000

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CANDELA TABULATION - (Cont.)

111.0	0.000	0.000	0.000	0.000	0.000
111.5	0.000	0.000	0.000	0.000	0.000
112.0	0.000	0.000	0.000	0.000	0.000
112.5	0.000	0.000	0.000	0.000	0.000
113.0	0.000	0.000	0.000	0.000	0.000
113.5	0.000	0.000	0.000	0.000	0.000
114.0	0.000	0.000	0.000	0.000	0.000
114.5	0.000	0.000	0.000	0.000	0.000
115.0	0.000	0.000	0.000	0.000	0.000
115.5	0.000	0.000	0.000	0.000	0.000
116.0	0.000	0.000	0.000	0.000	0.000
116.5	0.000	0.000	0.000	0.000	0.000
117.0	0.000	0.000	0.000	0.000	0.000
117.5	0.000	0.000	0.000	0.000	0.000
118.0	0.000	0.000	0.000	0.000	0.000
118.5	0.000	0.000	0.000	0.000	0.000
119.0	0.000	0.000	0.000	0.000	0.000
119.5	0.000	0.000	0.000	0.000	0.000
120.0	0.000	0.000	0.000	0.000	0.000
120.5	0.000	0.000	0.000	0.000	0.000
121.0	0.000	0.000	0.000	0.000	0.000
121.5	0.000	0.000	0.000	0.000	0.000
122.0	0.000	0.000	0.000	0.000	0.000
122.5	0.000	0.000	0.000	0.000	0.000
123.0	0.000	0.000	0.000	0.000	0.000
123.5	0.000	0.000	0.000	0.000	0.000
124.0	0.000	0.000	0.000	0.000	0.000
124.5	0.000	0.000	0.000	0.000	0.000
125.0	0.000	0.000	0.000	0.000	0.000
125.5	0.000	0.000	0.000	0.000	0.000
126.0	0.000	0.000	0.000	0.000	0.000
126.5	0.000	0.000	0.000	0.000	0.000
127.0	0.000	0.000	0.000	0.000	0.000
127.5	0.000	0.000	0.000	0.000	0.000
128.0	0.000	0.000	0.000	0.000	0.000
128.5	0.000	0.000	0.000	0.000	0.000
129.0	0.000	0.000	0.000	0.000	0.000
129.5	0.000	0.000	0.000	0.000	0.000
130.0	0.000	0.000	0.000	0.000	0.000
130.5	0.000	0.000	0.000	0.000	0.000
131.0	0.000	0.000	0.000	0.000	0.000
131.5	0.000	0.000	0.000	0.000	0.000
132.0	0.000	0.000	0.000	0.000	0.000
132.5	0.000	0.000	0.000	0.000	0.000
133.0	0.000	0.000	0.000	0.000	0.000
133.5	0.000	0.000	0.000	0.000	0.000
134.0	0.000	0.000	0.000	0.000	0.000
134.5	0.000	0.000	0.000	0.000	0.000
135.0	0.000	0.000	0.000	0.000	0.000
135.5	0.000	0.000	0.000	0.000	0.000
136.0	0.000	0.000	0.000	0.000	0.000
136.5	0.000	0.000	0.000	0.000	0.000
137.0	0.000	0.000	0.000	0.000	0.000
137.5	0.000	0.000	0.000	0.000	0.000
138.0	0.000	0.000	0.000	0.000	0.000
138.5	0.000	0.000	0.000	0.000	0.000

IES INDOOR REPORT**PHOTOMETRIC FILENAME : MCTABX-22-L68-835-(L37)-CS-SCPC-DIM-UNV_.IES****CANDELA TABULATION - (Cont.)**

139.0	0.000	0.000	0.000	0.000	0.000
139.5	0.000	0.000	0.000	0.000	0.000
140.0	0.000	0.000	0.000	0.000	0.000
140.5	0.000	0.000	0.000	0.000	0.000
141.0	0.000	0.000	0.000	0.000	0.000
141.5	0.000	0.000	0.000	0.000	0.000
142.0	0.000	0.000	0.000	0.000	0.000
142.5	0.000	0.000	0.000	0.000	0.000
143.0	0.000	0.000	0.000	0.000	0.000
143.5	0.000	0.000	0.000	0.000	0.000
144.0	0.000	0.000	0.000	0.000	0.000
144.5	0.000	0.000	0.000	0.000	0.000
145.0	0.000	0.000	0.000	0.000	0.000
145.5	0.000	0.000	0.000	0.000	0.000
146.0	0.000	0.000	0.000	0.000	0.000
146.5	0.000	0.000	0.000	0.000	0.000
147.0	0.000	0.000	0.000	0.000	0.000
147.5	0.000	0.000	0.000	0.000	0.000
148.0	0.000	0.000	0.000	0.000	0.000
148.5	0.000	0.000	0.000	0.000	0.000
149.0	0.000	0.000	0.000	0.000	0.000
149.5	0.000	0.000	0.000	0.000	0.000
150.0	0.000	0.000	0.000	0.000	0.000
150.5	0.000	0.000	0.000	0.000	0.000
151.0	0.000	0.000	0.000	0.000	0.000
151.5	0.000	0.000	0.000	0.000	0.000
152.0	0.000	0.000	0.000	0.000	0.000
152.5	0.000	0.000	0.000	0.000	0.000
153.0	0.000	0.000	0.000	0.000	0.000
153.5	0.000	0.000	0.000	0.000	0.000
154.0	0.000	0.000	0.000	0.000	0.000
154.5	0.000	0.000	0.000	0.000	0.000
155.0	0.000	0.000	0.000	0.000	0.000
155.5	0.000	0.000	0.000	0.000	0.000
156.0	0.000	0.000	0.000	0.000	0.000
156.5	0.000	0.000	0.000	0.000	0.000
157.0	0.000	0.000	0.000	0.000	0.000
157.5	0.000	0.000	0.000	0.000	0.000
158.0	0.000	0.000	0.000	0.000	0.000
158.5	0.000	0.000	0.000	0.000	0.000
159.0	0.000	0.000	0.000	0.000	0.000
159.5	0.000	0.000	0.000	0.000	0.000
160.0	0.000	0.000	0.000	0.000	0.000
160.5	0.000	0.000	0.000	0.000	0.000
161.0	0.000	0.000	0.000	0.000	0.000
161.5	0.000	0.000	0.000	0.000	0.000
162.0	0.000	0.000	0.000	0.000	0.000
162.5	0.000	0.000	0.000	0.000	0.000
163.0	0.000	0.000	0.000	0.000	0.000
163.5	0.000	0.000	0.000	0.000	0.000
164.0	0.000	0.000	0.000	0.000	0.000
164.5	0.000	0.000	0.000	0.000	0.000
165.0	0.000	0.000	0.000	0.000	0.000
165.5	0.000	0.000	0.000	0.000	0.000
166.0	0.000	0.000	0.000	0.000	0.000
166.5	0.000	0.000	0.000	0.000	0.000

IES INDOOR REPORT**PHOTOMETRIC FILENAME : MCTABX-22-L68-835-(L37)-CS-SCPC-DIM-UNV_.IES****CANDELA TABULATION - (Cont.)**

167.0	0.000	0.000	0.000	0.000	0.000
167.5	0.000	0.000	0.000	0.000	0.000
168.0	0.000	0.000	0.000	0.000	0.000
168.5	0.000	0.000	0.000	0.000	0.000
169.0	0.000	0.000	0.000	0.000	0.000
169.5	0.000	0.000	0.000	0.000	0.000
170.0	0.000	0.000	0.000	0.000	0.000
170.5	0.000	0.000	0.000	0.000	0.000
171.0	0.000	0.000	0.000	0.000	0.000
171.5	0.000	0.000	0.000	0.000	0.000
172.0	0.000	0.000	0.000	0.000	0.000
172.5	0.000	0.000	0.000	0.000	0.000
173.0	0.000	0.000	0.000	0.000	0.000
173.5	0.000	0.000	0.000	0.000	0.000
174.0	0.000	0.000	0.000	0.000	0.000
174.5	0.000	0.000	0.000	0.000	0.000
175.0	0.000	0.000	0.000	0.000	0.000
175.5	0.000	0.000	0.000	0.000	0.000
176.0	0.000	0.000	0.000	0.000	0.000
176.5	0.000	0.000	0.000	0.000	0.000
177.0	0.000	0.000	0.000	0.000	0.000
177.5	0.000	0.000	0.000	0.000	0.000
178.0	0.000	0.000	0.000	0.000	0.000
178.5	0.000	0.000	0.000	0.000	0.000
179.0	0.000	0.000	0.000	0.000	0.000
179.5	0.000	0.000	0.000	0.000	0.000
180.0	0.000	0.000	0.000	0.000	0.000

IES INDOOR REPORT**PHOTOMETRIC FILENAME : MCTABX-22-L68-835-(L37)-CS-SCPC-DIM-UNV_.IES****ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	402.86	N.A.	11.20
0-30	868.01	N.A.	24.20
0-40	1471.21	N.A.	41.00
0-60	2831.66	N.A.	79.00
0-80	3556.48	N.A.	99.20
0-90	3584.22	N.A.	100.00
10-90	3480.48	N.A.	97.10
20-40	1068.35	N.A.	29.80
20-50	1758.29	N.A.	49.10
40-70	1864.86	N.A.	52.00
60-80	724.81	N.A.	20.20
70-80	220.41	N.A.	6.10
80-90	27.75	N.A.	0.80
90-110	0.00	N.A.	0.00
90-120	0.00	N.A.	0.00
90-130	0.00	N.A.	0.00
90-150	0.00	N.A.	0.00
90-180	0.00	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	3584.22	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	103.75
10-20	299.11
20-30	465.15
30-40	603.20
40-50	689.94
50-60	670.52
60-70	504.40
70-80	220.41
80-90	27.75
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

IES INDOOR REPORT

PHOTOMETRIC FILENAME : MCTABX-22-L68-835-(L37)-CS-SCPC-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	109	109	109	109	107	107	107	107	102	102	102	98	98	98	94	94	94	92
1	100	96	92	88	97	93	90	87	90	87	84	86	84	81	83	81	79	77
2	91	83	77	71	88	81	75	70	78	73	69	75	71	67	72	69	66	64
3	82	72	65	59	80	71	64	58	68	62	57	66	60	56	63	59	55	53
4	75	64	55	49	73	62	55	49	60	53	48	58	52	47	56	51	47	45
5	69	57	48	42	67	55	48	42	54	46	41	52	45	41	50	45	40	38
6	63	51	42	36	61	50	42	36	48	41	36	46	40	35	45	39	35	33
7	58	46	37	32	57	45	37	32	43	36	31	42	36	31	41	35	31	29
8	54	41	33	28	53	41	33	28	40	33	28	38	32	28	37	32	27	26
9	50	38	30	25	49	37	30	25	36	30	25	35	29	25	34	29	24	23
10	47	35	27	23	46	34	27	22	33	27	22	33	27	22	32	26	22	20

IES INDOOR REPORT

PHOTOMETRIC FILENAME : MCTABX-22-L68-835-(L37)-CS-SCPC-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	16.9	18.6	17.3	18.9	19.2	20.4	22.1	20.8	22.4	22.8
	3H	18.6	20.1	19.0	20.4	20.8	22.0	23.5	22.3	23.8	24.2
	4H	19.1	20.5	19.5	20.8	21.2	22.2	23.7	22.6	24.0	24.4
	6H	19.3	20.6	19.7	21.0	21.4	22.2	23.6	22.7	23.9	24.3
	8H	19.4	20.6	19.8	21.0	21.4	22.2	23.5	22.7	23.9	24.3
	12H	19.4	20.6	19.8	21.0	21.4	22.2	23.4	22.7	23.8	24.2

UGR Viewed Endwise

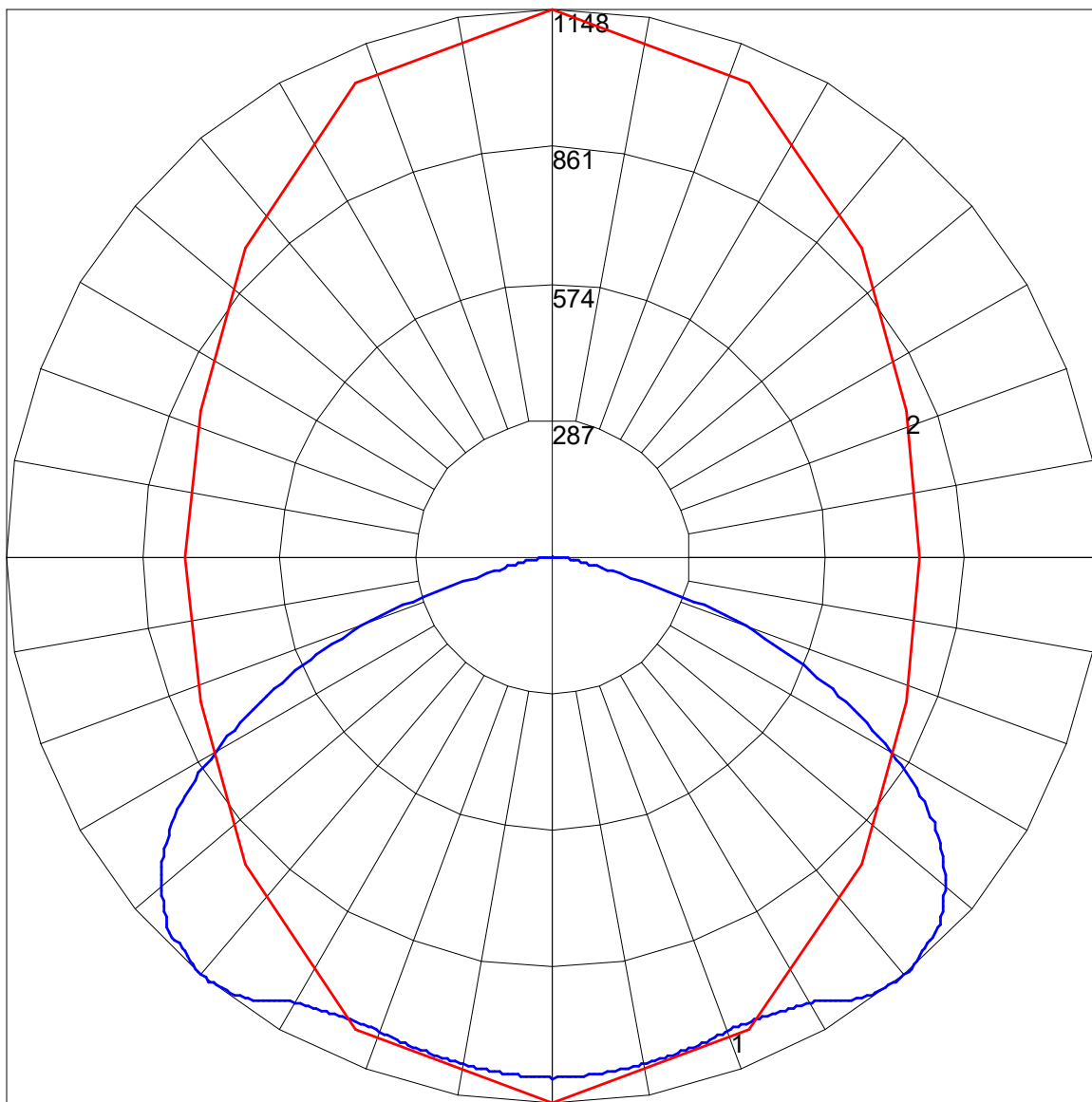
4H	2H	18.3	19.7	18.7	20.1	20.4	20.9	22.3	21.3	22.7	23.1
	3H	20.1	21.2	20.5	21.6	22.0	22.6	23.8	23.0	24.2	24.6
	4H	20.6	21.7	21.0	22.1	22.5	22.9	24.0	23.4	24.4	24.9
	6H	20.9	21.9	21.4	22.3	22.8	23.0	23.9	23.5	24.4	24.8
	8H	21.0	21.9	21.4	22.3	22.8	23.0	23.9	23.5	24.3	24.8
	12H	21.0	21.8	21.5	22.2	22.7	23.0	23.8	23.5	24.3	24.7

8H	4H	21.0	21.9	21.4	22.3	22.8	23.1	23.9	23.5	24.4	24.9
	6H	21.3	22.1	21.8	22.6	23.0	23.2	23.9	23.6	24.4	24.8
	8H	21.4	22.1	21.9	22.6	23.1	23.2	23.8	23.7	24.3	24.8
	12H	21.5	22.0	22.0	22.5	23.1	23.2	23.7	23.7	24.2	24.8

12H	4H	21.0	21.8	21.5	22.2	22.7	23.1	23.9	23.5	24.3	24.8
	6H	21.4	22.0	21.9	22.5	23.0	23.2	23.8	23.7	24.3	24.8
	8H	21.5	22.0	22.0	22.5	23.1	23.2	23.7	23.7	24.2	24.8

Maximum UGR = 24.9

POLAR GRAPH



Maximum Candela = 1148.307 Located At Horizontal Angle = 90, Vertical Angle = 39.5
1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (39.5) (Through Max. Cd.)