

IES INDOOR REPORT

PHOTOMETRIC FILENAME : MCTABX-22-L34-835-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] 7/9/2024

[TEST DATE] 8/8/2025

[MANUFAC] H E WILLIAMS INC

[LUMCAT] MCTABx-22-L34-835-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	3358
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	123
Total Luminaire Watts	27.3
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	3911	5050	6430
55	3648	5390	6849
65	3190	5284	6003
75	2324	3704	2600
85	873	876	788

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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>
0.0	1027.121	1027.121	1027.121	1027.121	1027.121
0.5	1022.202	1028.131	1029.140	1026.869	1025.734
1.0	1022.075	1028.005	1028.888	1026.743	1025.608
1.5	1022.075	1027.626	1028.635	1026.491	1025.482
2.0	1021.697	1027.374	1028.257	1026.112	1024.977
2.5	1021.192	1026.743	1027.878	1025.734	1024.851
3.0	1020.309	1026.238	1027.121	1025.229	1024.346
3.5	1019.552	1025.608	1026.743	1024.977	1024.346
4.0	1018.543	1024.725	1026.112	1024.094	1023.337
4.5	1017.534	1023.589	1024.977	1023.337	1022.959
5.0	1016.272	1022.706	1024.472	1023.085	1022.580
5.5	1015.263	1021.571	1023.463	1022.454	1021.823
6.0	1013.497	1020.562	1022.328	1021.445	1020.940
6.5	1012.236	1019.048	1021.318	1020.688	1020.309
7.0	1010.974	1017.408	1020.183	1020.183	1019.805
7.5	1009.460	1016.146	1018.922	1019.300	1018.922
8.0	1007.694	1014.632	1017.660	1018.417	1018.291
8.5	1006.180	1012.993	1016.525	1017.408	1017.534
9.0	1004.540	1011.479	1015.263	1016.272	1016.651
9.5	1002.270	1009.586	1013.876	1015.516	1015.894
10.0	1000.251	1007.820	1012.236	1014.506	1015.137
10.5	998.485	1005.802	1010.722	1013.371	1014.380
11.0	996.088	1003.657	1009.208	1012.488	1013.497
11.5	993.565	1001.765	1007.694	1011.353	1012.614
12.0	991.295	999.368	1005.802	1010.217	1011.605
12.5	988.645	997.350	1004.036	1008.956	1010.974
13.0	985.996	994.953	1002.270	1007.568	1009.586
13.5	983.473	992.430	1000.125	1006.433	1009.208
14.0	980.698	989.528	998.107	1005.297	1008.073
14.5	977.418	986.753	995.962	1004.036	1006.937
15.0	974.390	983.725	993.818	1002.522	1006.433
15.5	971.237	980.319	991.799	1001.387	1005.423
16.0	967.452	977.040	988.645	999.873	1004.036
16.5	963.794	973.760	986.122	998.485	1003.279
17.0	960.135	970.354	983.599	996.593	1002.270
17.5	956.225	966.569	980.824	995.079	1001.261
18.0	951.935	962.911	978.049	993.439	999.873
18.5	948.277	959.126	975.021	991.799	998.611
19.0	943.609	955.215	971.993	989.907	997.602
19.5	939.825	951.052	969.218	988.015	996.593
20.0	935.284	947.016	966.064	986.501	995.836
20.5	931.373	943.231	963.163	984.987	995.205
21.0	926.958	939.320	960.388	983.725	994.701
21.5	922.416	935.284	957.486	982.842	994.448
22.0	917.622	930.994	954.458	981.959	994.322
22.5	914.469	926.831	951.557	981.202	994.827
23.0	911.063	922.668	948.908	980.572	995.205
23.5	907.152	918.505	946.385	979.941	995.710
24.0	904.629	915.352	943.609	979.563	996.593
24.5	899.709	912.702	940.582	979.310	997.854
25.0	894.915	909.927	937.933	979.058	998.737
25.5	890.248	906.269	935.410	978.806	999.368
26.0	885.328	901.727	932.887	978.679	1000.882
26.5	880.534	897.186	929.607	978.553	1002.017

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CANDELA TABULATION - (Cont.)

27.0	875.614	892.392	926.705	978.427	1003.657
27.5	870.316	887.472	923.804	978.301	1004.793
28.0	865.017	882.552	921.155	978.427	1006.180
28.5	859.719	877.759	919.010	978.553	1007.694
29.0	854.168	872.839	915.982	978.679	1009.839
29.5	848.492	867.540	914.216	979.058	1012.109
30.0	842.941	862.242	911.693	979.310	1014.002
30.5	837.138	856.944	909.170	979.563	1016.399
31.0	831.083	851.645	905.890	980.193	1021.318
31.5	825.154	846.095	903.115	980.950	1026.995
32.0	819.098	840.544	901.097	981.833	1032.798
32.5	813.169	835.120	898.069	983.095	1037.844
33.0	807.114	829.569	895.167	985.113	1044.152
33.5	800.933	824.018	892.140	988.267	1050.081
34.0	794.751	818.215	889.112	991.042	1054.118
34.5	788.318	812.412	886.085	993.944	1057.272
35.0	782.010	806.736	883.057	997.350	1060.299
35.5	775.703	801.059	880.156	1000.504	1062.948
36.0	769.269	795.130	877.254	1002.900	1065.345
36.5	762.583	789.327	874.100	1004.540	1067.868
37.0	755.897	783.145	871.073	1005.802	1070.265
37.5	749.337	776.964	868.045	1007.190	1071.779
38.0	742.777	771.035	865.017	1008.325	1073.040
38.5	735.839	764.980	861.990	1009.334	1074.428
39.0	729.153	758.798	859.088	1010.091	1075.563
39.5	722.341	752.617	856.313	1010.470	1075.942
40.0	715.655	746.309	853.664	1010.596	1075.816
40.5	708.843	740.002	851.772	1010.596	1075.563
41.0	701.652	733.694	850.005	1010.343	1074.302
41.5	694.714	727.387	848.239	1009.586	1072.536
42.0	687.649	721.079	846.221	1008.325	1070.265
42.5	680.206	714.772	844.833	1006.559	1067.490
43.0	673.394	708.338	843.193	1004.288	1064.462
43.5	666.077	701.904	841.049	1001.639	1061.435
44.0	658.887	695.344	838.273	998.864	1060.930
44.5	652.075	688.658	835.246	995.331	1060.551
45.0	644.505	682.098	832.092	991.168	1059.542
45.5	637.063	675.412	828.938	986.627	1058.028
46.0	629.620	668.726	825.658	982.590	1054.244
46.5	622.177	661.914	822.252	979.184	1049.198
47.0	614.608	655.102	818.468	975.273	1043.269
47.5	606.912	648.416	814.431	971.363	1038.349
48.0	599.343	641.604	809.889	966.569	1032.168
48.5	591.648	634.540	804.717	960.514	1025.734
49.0	584.079	627.727	798.914	954.080	1019.552
49.5	576.258	620.411	792.985	947.268	1013.371
50.0	568.310	613.346	787.182	940.203	1006.307
50.5	560.363	606.156	781.379	933.265	999.368
51.0	552.415	598.965	775.324	926.327	992.430
51.5	544.594	591.648	769.395	919.262	984.230
52.0	536.646	584.331	763.214	913.207	975.526
52.5	528.573	577.141	756.654	907.783	966.947
53.0	520.499	569.698	750.094	900.592	957.738
53.5	512.173	562.255	743.029	892.518	947.520
54.0	503.973	555.064	735.839	884.066	936.545
54.5	495.773	547.622	728.270	875.236	926.074

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CANDELA TABULATION - (Cont.)

55.0	487.574	540.179	720.448	866.027	915.352
55.5	479.248	532.610	712.249	855.808	902.989
56.0	471.048	524.914	704.049	844.959	891.509
56.5	462.470	517.345	695.597	833.606	877.254
57.0	454.396	509.776	686.892	821.621	862.747
57.5	445.818	502.207	678.314	808.628	847.735
58.0	437.366	494.512	669.862	795.508	832.849
58.5	428.913	486.691	660.905	782.010	817.080
59.0	420.083	478.869	651.570	767.629	800.302
59.5	411.378	471.174	642.109	752.743	783.019
60.0	402.674	463.100	632.647	737.479	766.493
60.5	394.096	455.153	623.060	721.836	749.589
61.0	385.391	447.205	613.346	706.067	732.559
61.5	376.561	439.384	602.876	689.541	715.024
62.0	367.604	431.310	592.405	672.385	697.363
62.5	358.647	423.237	581.430	655.228	679.828
63.0	349.691	415.163	569.950	637.567	662.419
63.5	340.734	406.963	557.840	618.771	644.127
64.0	331.777	398.763	545.729	599.722	626.970
64.5	322.947	390.437	533.240	580.673	609.688
65.0	314.116	382.111	520.373	562.381	591.144
65.5	305.159	373.659	507.001	544.720	572.852
66.0	296.329	364.955	493.124	527.437	554.938
66.5	287.498	356.377	478.743	510.659	537.403
67.0	278.668	347.672	464.488	493.250	520.247
67.5	269.837	338.842	449.728	475.968	502.712
68.0	261.006	329.885	434.843	458.685	484.924
68.5	252.176	320.676	419.704	441.529	466.633
69.0	243.471	311.341	404.692	424.372	445.061
69.5	234.136	301.753	389.428	407.342	423.615
70.0	225.432	292.292	374.164	390.311	402.674
70.5	216.601	282.578	358.773	373.155	381.985
71.0	207.645	272.865	343.509	355.494	359.026
71.5	199.192	262.773	328.245	337.328	334.931
72.0	190.488	252.680	312.854	319.288	312.981
72.5	181.784	242.588	297.843	300.744	289.769
73.0	173.458	232.370	282.957	281.947	263.908
73.5	164.879	222.530	267.945	262.016	236.407
74.0	156.427	212.312	252.933	241.075	208.780
74.5	148.227	202.346	238.299	218.367	181.784
75.0	140.154	192.380	223.413	193.894	156.806
75.5	132.459	182.036	208.528	169.673	135.612
76.0	124.612	171.692	194.020	147.218	119.503
76.5	116.955	161.347	179.765	127.413	107.708
77.0	109.322	151.003	165.132	111.353	97.817
77.5	101.779	140.406	150.372	99.382	89.113
78.0	94.538	129.809	134.982	89.807	81.405
78.5	87.650	119.579	119.238	81.330	74.644
79.0	80.951	109.587	103.696	73.861	68.349
79.5	74.353	99.672	89.227	67.125	62.420
80.0	67.882	89.996	76.612	60.981	56.844
80.5	61.814	80.699	66.292	55.191	51.671
81.0	55.847	71.893	58.156	49.666	46.764
81.5	50.069	63.315	51.192	44.557	42.134
82.0	44.519	54.977	45.086	39.712	37.795
82.5	39.183	47.370	39.637	35.171	33.644

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CANDELA TABULATION - (Cont.)

83.0	34.237	40.545	34.616	30.781	29.658
83.5	29.822	34.439	30.037	26.769	25.937
84.0	25.583	28.964	25.684	23.136	22.392
84.5	21.395	24.057	21.572	19.793	19.049
85.0	17.724	19.642	17.787	16.665	16.009
85.5	14.432	15.681	14.507	13.877	13.347
86.0	11.455	12.312	11.707	11.429	10.975
86.5	8.881	9.499	9.259	9.045	8.603
87.0	6.736	7.178	7.128	6.686	6.030
87.5	4.996	5.349	5.273	4.605	3.949
88.0	3.684	3.898	3.684	3.065	2.674
88.5	2.662	2.687	2.384	1.943	1.804
89.0	1.640	1.552	1.337	1.060	1.009
89.5	0.416	0.732	0.694	0.568	0.542
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-L34-835-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-L34-835-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-L34-835-CS-SCPC-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	377.47	N.A.	11.20
0-30	813.31	N.A.	24.20
0-40	1378.5	N.A.	41.00
0-60	2653.22	N.A.	79.00
0-80	3332.35	N.A.	99.20
0-90	3358.35	N.A.	100.00
10-90	3261.14	N.A.	97.10
20-40	1001.03	N.A.	29.80
20-50	1647.48	N.A.	49.10
40-70	1747.34	N.A.	52.00
60-80	679.13	N.A.	20.20
70-80	206.52	N.A.	6.10
80-90	26.00	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	3358.35	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	97.21
10-20	280.26
20-30	435.84
30-40	565.19
40-50	646.46
50-60	628.26
60-70	472.62
70-80	206.52
80-90	26.00
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-L34-835-CS-SCPC-DIM-UNV_.IES

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

RC RW	80				70				50			30			10			0
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	59	59	59	59	58	58	58	58	55	55	55	53	53	53	51	51	51	50
1	54	52	50	48	53	51	49	47	48	47	45	46	45	44	45	44	43	42
2	49	45	41	39	48	44	41	38	42	39	37	40	38	36	39	37	36	34
3	44	39	35	32	43	38	34	31	37	34	31	35	33	30	34	32	30	29
4	40	34	30	27	39	34	30	26	32	29	26	31	28	26	30	28	25	24
5	37	31	26	23	36	30	26	22	29	25	22	28	25	22	27	24	22	21
6	34	27	23	20	33	27	23	19	26	22	19	25	22	19	24	21	19	18
7	32	25	20	17	31	24	20	17	23	20	17	23	19	17	22	19	17	16
8	29	22	18	15	28	22	18	15	21	18	15	21	17	15	20	17	15	14
9	27	20	16	14	27	20	16	13	20	16	13	19	16	13	19	15	13	12
10	26	19	15	12	25	19	15	12	18	15	12	18	14	12	17	14	12	11

IES INDOOR REPORT
PHOTOMETRIC FILENAME : MCTABX-22-L34-835-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	18.9	20.6	19.3	20.9	21.2	22.4	24.1	22.8	24.4	24.8
	3H	20.6	22.1	21.0	22.4	22.8	24.0	25.5	24.3	25.8	26.2
	4H	21.1	22.5	21.5	22.8	23.2	24.2	25.7	24.6	26.0	26.4
	6H	21.3	22.6	21.7	23.0	23.4	24.2	25.6	24.7	25.9	26.3
	8H	21.4	22.6	21.8	23.0	23.4	24.2	25.5	24.7	25.9	26.3
	12H	21.4	22.6	21.8	23.0	23.4	24.2	25.4	24.7	25.8	26.2

UGR Viewed Endwise

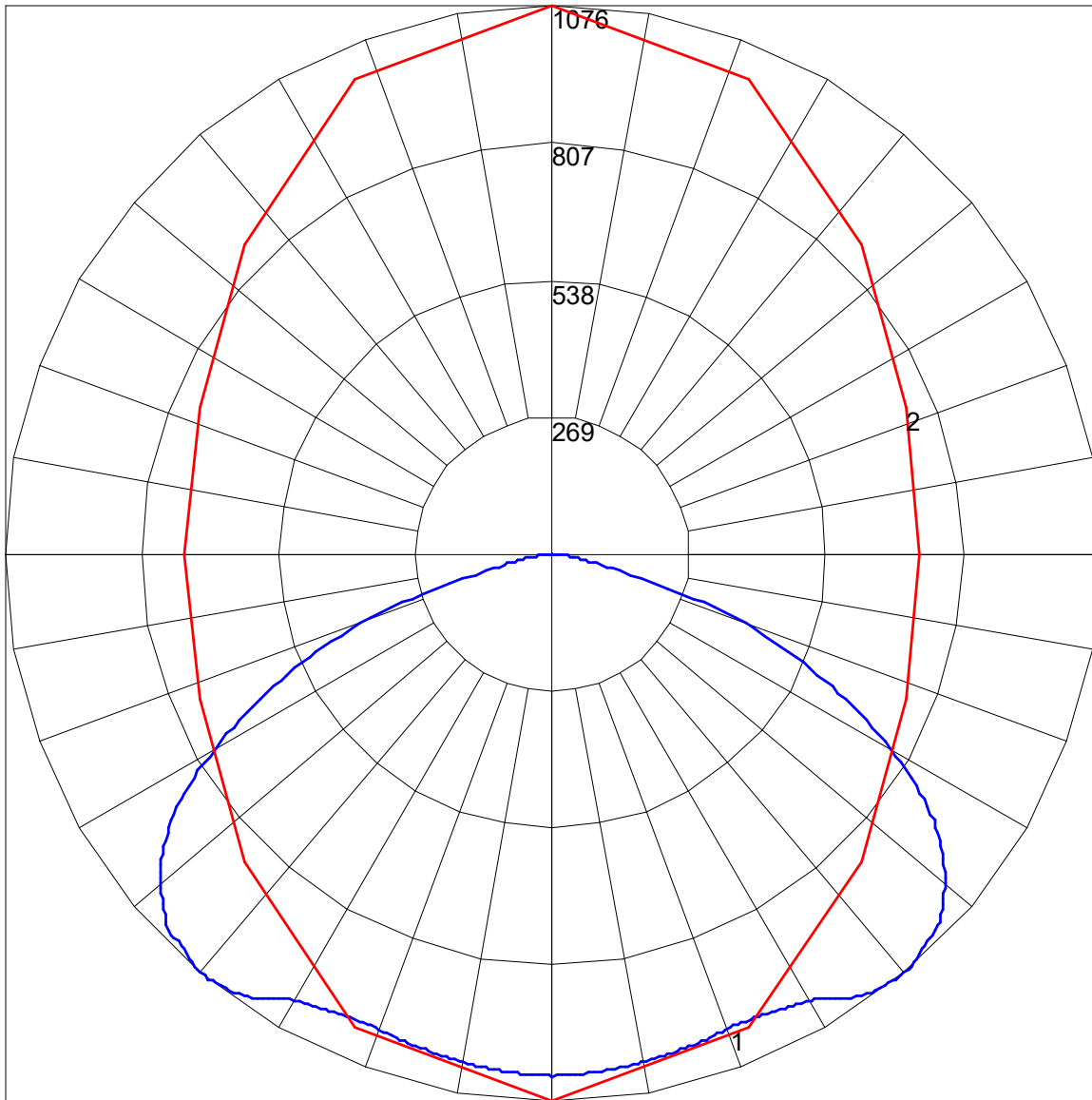
4H	2H	20.3	21.7	20.7	22.1	22.4	22.9	24.3	23.3	24.7	25.1
	3H	22.1	23.2	22.5	23.6	24.0	24.6	25.8	25.0	26.2	26.6
	4H	22.6	23.7	23.0	24.1	24.5	24.9	26.0	25.4	26.4	26.9
	6H	22.9	23.9	23.4	24.3	24.8	25.0	25.9	25.5	26.4	26.8
	8H	23.0	23.8	23.4	24.3	24.8	25.0	25.9	25.5	26.3	26.8
	12H	23.0	23.8	23.5	24.2	24.7	25.0	25.8	25.5	26.3	26.7

8H	4H	23.0	23.9	23.4	24.3	24.8	25.1	25.9	25.5	26.4	26.9
	6H	23.3	24.1	23.8	24.6	25.0	25.2	25.9	25.6	26.4	26.8
	8H	23.4	24.1	23.9	24.6	25.1	25.2	25.8	25.7	26.3	26.8
	12H	23.5	24.0	24.0	24.5	25.1	25.2	25.7	25.7	26.2	26.8

12H	4H	23.0	23.8	23.5	24.2	24.7	25.1	25.9	25.5	26.3	26.8
	6H	23.4	24.0	23.9	24.5	25.0	25.2	25.8	25.7	26.3	26.8
	8H	23.5	24.0	24.0	24.5	25.1	25.2	25.7	25.7	26.2	26.8

Maximum UGR = 26.9

POLAR GRAPH



Maximum Candela = 1075.942 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.)