

IES INDOOR REPORT

PHOTOMETRIC FILENAME : MCTABX-22-L34-835-(L25)-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] 8-14-2025

[MANUFAC] H E WILLIAMS INC

[LUMCAT] MCTABX-22-L34-835-(L25)-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	2462
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	126
Total Luminaire Watts	19.6
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	2868	3702	4714
55	2674	3952	5021
65	2338	3874	4401
75	1704	2716	1906
85	640	642	578

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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	753.028	753.028	753.028	753.028	753.028
0.5	749.421	753.768	754.508	752.843	752.011
1.0	749.328	753.675	754.323	752.750	751.918
1.5	749.328	753.398	754.138	752.566	751.826
2.0	749.051	753.213	753.860	752.288	751.456
2.5	748.681	752.750	753.583	752.011	751.363
3.0	748.034	752.381	753.028	751.641	750.993
3.5	747.479	751.918	752.750	751.456	750.993
4.0	746.739	751.271	752.288	750.808	750.253
4.5	745.999	750.438	751.456	750.253	749.976
5.0	745.074	749.791	751.086	750.068	749.698
5.5	744.334	748.959	750.346	749.606	749.144
6.0	743.039	748.219	749.513	748.866	748.496
6.5	742.115	747.109	748.774	748.311	748.034
7.0	741.190	745.906	747.941	747.941	747.664
7.5	740.080	744.982	747.016	747.294	747.016
8.0	738.785	743.872	746.091	746.646	746.554
8.5	737.675	742.669	745.259	745.906	745.999
9.0	736.473	741.560	744.334	745.074	745.352
9.5	734.808	740.172	743.317	744.519	744.797
10.0	733.328	738.877	742.115	743.779	744.242
10.5	732.033	737.398	741.005	742.947	743.687
11.0	730.276	735.825	739.895	742.299	743.039
11.5	728.426	734.438	738.785	741.467	742.392
12.0	726.762	732.681	737.398	740.635	741.652
12.5	724.819	731.201	736.103	739.710	741.190
13.0	722.877	729.444	734.808	738.692	740.172
13.5	721.028	727.594	733.236	737.860	739.895
14.0	718.993	725.467	731.756	737.028	739.062
14.5	716.588	723.432	730.184	736.103	738.230
15.0	714.368	721.212	728.611	734.993	737.860
15.5	712.056	718.715	727.132	734.161	737.120
16.0	709.282	716.311	724.819	733.051	736.103
16.5	706.600	713.906	722.970	732.033	735.548
17.0	703.917	711.409	721.120	730.646	734.808
17.5	701.050	708.634	719.085	729.536	734.068
18.0	697.906	705.952	717.051	728.334	733.051
18.5	695.224	703.178	714.831	727.132	732.126
19.0	691.802	700.310	712.611	725.744	731.386
19.5	689.027	697.258	710.576	724.357	730.646
20.0	685.698	694.299	708.264	723.247	730.091
20.5	682.830	691.524	706.137	722.137	729.629
21.0	679.593	688.657	704.102	721.212	729.259
21.5	676.264	685.698	701.975	720.565	729.074
22.0	672.749	682.553	699.756	719.918	728.981
22.5	670.437	679.501	697.628	719.363	729.351
23.0	667.940	676.449	695.686	718.900	729.629
23.5	665.073	673.397	693.836	718.438	729.999
24.0	663.223	671.085	691.802	718.160	730.646
24.5	659.616	669.142	689.582	717.975	731.571
25.0	656.102	667.108	687.640	717.790	732.218
25.5	652.680	664.426	685.790	717.605	732.681
26.0	649.073	661.096	683.940	717.513	733.791
26.5	645.558	657.766	681.536	717.421	734.623

IES INDOOR REPORT**PHOTOMETRIC FILENAME : MCTABX-22-L34-835-(L25)-CS-SCPC-DIM-UNV_.IES****CANDELA TABULATION - (Cont.)**

27.0	641.951	654.252	679.408	717.328	735.825
27.5	638.067	650.645	677.281	717.236	736.658
28.0	634.182	647.038	675.339	717.328	737.675
28.5	630.298	643.524	673.767	717.421	738.785
29.0	626.228	639.917	671.547	717.513	740.357
29.5	622.067	636.032	670.252	717.790	742.022
30.0	617.997	632.148	668.402	717.975	743.409
30.5	613.743	628.263	666.553	718.160	745.167
31.0	609.303	624.379	664.148	718.623	748.774
31.5	604.957	620.309	662.113	719.178	752.935
32.0	600.517	616.240	660.634	719.825	757.190
32.5	596.170	612.263	658.414	720.750	760.889
33.0	591.731	608.194	656.287	722.230	765.514
33.5	587.199	604.124	654.067	724.542	769.861
34.0	582.667	599.870	651.847	726.577	772.820
34.5	577.950	595.615	649.628	728.704	775.132
35.0	573.326	591.453	647.408	731.201	777.352
35.5	568.702	587.292	645.281	733.513	779.294
36.0	563.985	582.945	643.154	735.270	781.051
36.5	559.083	578.690	640.841	736.473	782.901
37.0	554.181	574.158	638.622	737.398	784.658
37.5	549.372	569.627	636.402	738.415	785.768
38.0	544.563	565.280	634.182	739.247	786.693
38.5	539.476	560.840	631.963	739.987	787.711
39.0	534.574	556.308	629.835	740.542	788.543
39.5	529.580	551.777	627.801	740.820	788.820
40.0	524.678	547.152	625.859	740.912	788.728
40.5	519.684	542.528	624.471	740.912	788.543
41.0	514.412	537.904	623.176	740.727	787.618
41.5	509.325	533.279	621.882	740.172	786.323
42.0	504.146	528.655	620.402	739.247	784.658
42.5	498.689	524.031	619.384	737.953	782.624
43.0	493.695	519.314	618.182	736.288	780.404
43.5	488.331	514.597	616.610	734.346	778.184
44.0	483.059	509.788	614.575	732.311	777.814
44.5	478.065	504.886	612.355	729.721	777.537
45.0	472.515	500.076	610.043	726.669	776.797
45.5	467.059	495.175	607.731	723.340	775.687
46.0	461.602	490.273	605.326	720.380	772.913
46.5	456.145	485.279	602.829	717.883	769.213
47.0	450.596	480.284	600.055	715.016	764.866
47.5	444.954	475.382	597.095	712.149	761.259
48.0	439.405	470.388	593.766	708.634	756.727
48.5	433.763	465.209	589.974	704.195	752.011
49.0	428.214	460.215	585.719	699.478	747.479
49.5	422.480	454.850	581.372	694.484	742.947
50.0	416.653	449.671	577.118	689.305	737.768
50.5	410.827	444.399	572.864	684.218	732.681
51.0	405.000	439.128	568.424	679.131	727.594
51.5	399.266	433.763	564.077	673.952	721.582
52.0	393.439	428.399	559.545	669.512	715.201
52.5	387.520	423.127	554.736	665.535	708.912
53.0	381.601	417.671	549.927	660.264	702.160
53.5	375.497	412.214	544.748	654.344	694.669
54.0	369.485	406.942	539.476	648.148	686.622
54.5	363.473	401.485	533.927	641.674	678.946

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55.0	357.462	396.029	528.192	634.922	671.085
55.5	351.358	390.479	522.181	627.431	662.021
56.0	345.346	384.838	516.169	619.477	653.605
56.5	339.057	379.289	509.973	611.153	643.154
57.0	333.138	373.739	503.591	602.367	632.518
57.5	326.849	368.190	497.302	592.841	621.512
58.0	320.652	362.548	491.105	583.222	610.598
58.5	314.455	356.814	484.539	573.326	599.037
59.0	307.981	351.080	477.695	562.782	586.737
59.5	301.600	345.438	470.758	551.869	574.066
60.0	295.218	339.519	463.822	540.678	561.950
60.5	288.929	333.693	456.793	529.210	549.557
61.0	282.547	327.866	449.671	517.649	537.071
61.5	276.073	322.132	441.995	505.533	524.215
62.0	269.507	316.213	434.318	492.955	511.267
62.5	262.940	310.293	426.272	480.377	498.412
63.0	256.374	304.374	417.856	467.429	485.648
63.5	249.807	298.363	408.977	453.648	472.238
64.0	243.240	292.351	400.098	439.682	459.660
64.5	236.766	286.247	390.942	425.717	446.989
65.0	230.292	280.143	381.508	412.306	433.393
65.5	223.726	273.946	371.705	399.358	419.983
66.0	217.252	267.564	361.531	386.688	406.850
66.5	210.778	261.275	350.988	374.387	393.994
67.0	204.303	254.894	340.537	361.624	381.416
67.5	197.829	248.420	329.716	348.953	368.560
68.0	191.355	241.853	318.802	336.282	355.519
68.5	184.881	235.102	307.704	323.704	342.109
69.0	178.500	228.258	296.698	311.126	326.294
69.5	171.656	221.229	285.507	298.640	310.571
70.0	165.274	214.292	274.316	286.154	295.218
70.5	158.800	207.171	263.033	273.576	280.050
71.0	152.233	200.049	251.842	260.628	263.218
71.5	146.037	192.650	240.651	247.310	245.553
72.0	139.655	185.251	229.367	234.084	229.460
72.5	133.274	177.852	218.361	220.489	212.442
73.0	127.169	170.361	207.448	206.708	193.482
73.5	120.880	163.147	196.442	192.095	173.320
74.0	114.684	155.655	185.436	176.742	153.066
74.5	108.672	148.349	174.708	160.095	133.274
75.0	102.753	141.042	163.794	142.152	114.961
75.5	97.111	133.459	152.881	124.395	99.423
76.0	91.359	125.875	142.245	107.932	87.613
76.5	85.745	118.291	131.794	93.412	78.965
77.0	80.149	110.707	121.065	81.638	71.714
77.5	74.618	102.938	110.244	72.861	65.333
78.0	69.310	95.169	98.961	65.841	59.682
78.5	64.260	87.668	87.419	59.626	54.724
79.0	59.349	80.343	76.024	54.151	50.109
79.5	54.512	73.074	65.416	49.212	45.762
80.0	49.767	65.980	56.167	44.708	41.675
80.5	45.319	59.164	48.602	40.463	37.883
81.0	40.944	52.708	42.636	36.412	34.285
81.5	36.708	46.419	37.531	32.666	30.891
82.0	32.639	40.306	33.055	29.115	27.709
82.5	28.726	34.729	29.059	25.785	24.666

IES INDOOR REPORT**PHOTOMETRIC FILENAME : MCTABX-22-L34-835-(L25)-CS-SCPC-DIM-UNV_.IES****CANDELA TABULATION - (Cont.)**

83.0	25.101	29.725	25.378	22.567	21.744
83.5	21.864	25.249	22.021	19.626	19.015
84.0	18.756	21.235	18.830	16.962	16.416
84.5	15.686	17.637	15.815	14.511	13.966
85.0	12.994	14.400	13.041	12.218	11.737
85.5	10.580	11.496	10.636	10.174	9.785
86.0	8.398	9.027	8.583	8.379	8.046
86.5	6.511	6.964	6.789	6.631	6.308
87.0	4.939	5.263	5.226	4.902	4.421
87.5	3.662	3.921	3.866	3.376	2.895
88.0	2.701	2.858	2.701	2.247	1.961
88.5	1.951	1.970	1.748	1.424	1.323
89.0	1.202	1.138	0.980	0.777	0.740
89.5	0.305	0.536	0.509	0.416	0.398
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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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-(L25)-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-(L25)-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-(L25)-CS-SCPC-DIM-UNV_.IES****ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	276.74	N.A.	11.20
0-30	596.27	N.A.	24.20
0-40	1010.64	N.A.	41.00
0-60	1945.19	N.A.	79.00
0-80	2443.09	N.A.	99.20
0-90	2462.15	N.A.	100.00
10-90	2390.89	N.A.	97.10
20-40	733.90	N.A.	29.80
20-50	1207.84	N.A.	49.10
40-70	1281.05	N.A.	52.00
60-80	497.90	N.A.	20.20
70-80	151.41	N.A.	6.10
80-90	19.06	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	2462.15	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	71.27
10-20	205.47
20-30	319.53
30-40	414.37
40-50	473.95
50-60	460.61
60-70	346.50
70-80	151.41
80-90	19.06
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-(L25)-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	87	87	87	87	85	85	85	85	81	81	81	78	78	78	75	75	75	73
1	80	76	73	71	78	75	72	69	72	69	67	69	67	65	66	65	63	62
2	72	66	61	57	70	65	60	56	62	58	55	60	57	54	58	55	53	51
3	66	58	52	47	64	57	51	46	54	50	46	52	48	45	51	47	44	42
4	60	51	44	39	58	50	44	39	48	43	38	46	42	38	45	41	37	36
5	55	45	38	33	53	44	38	33	43	37	33	41	36	33	40	36	32	31
6	50	40	34	29	49	40	33	29	38	33	29	37	32	28	36	31	28	26
7	47	37	30	25	45	36	30	25	35	29	25	34	29	25	33	28	25	23
8	43	33	27	22	42	33	27	22	32	26	22	31	26	22	30	25	22	20
9	40	30	24	20	39	30	24	20	29	24	20	28	23	20	27	23	20	18
10	38	28	22	18	37	27	22	18	27	21	18	26	21	18	25	21	18	16

IES INDOOR REPORT

PHOTOMETRIC FILENAME : MCTABX-22-L34-835-(L25)-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

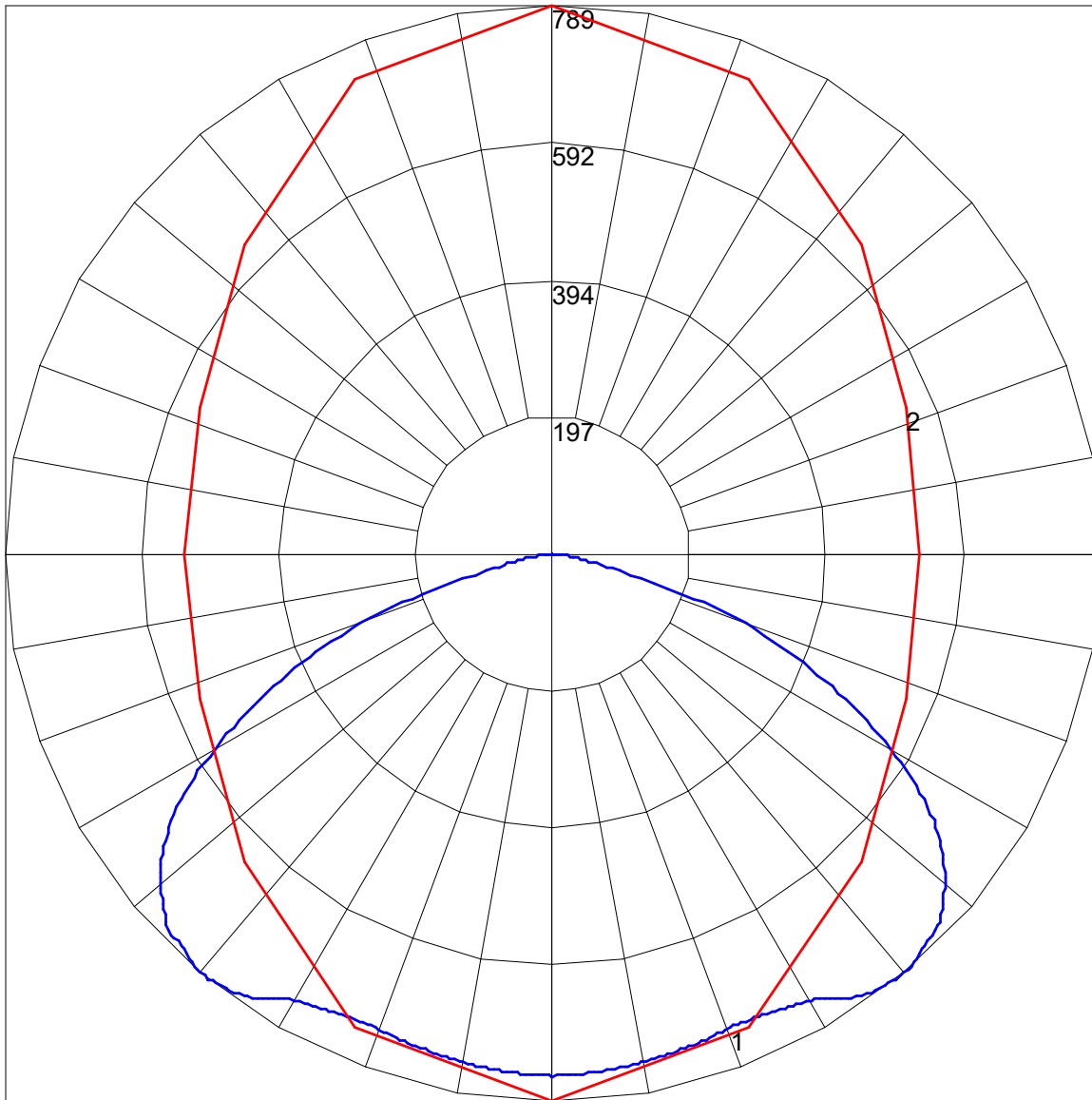
X=2H	Y=2H	16.4	18.1	16.8	18.4	18.7	19.9	21.6	20.3	21.9	22.3
	3H	18.1	19.6	18.5	19.9	20.3	21.5	23.0	21.8	23.3	23.7
	4H	18.6	20.0	19.0	20.3	20.7	21.7	23.2	22.1	23.5	23.9
	6H	18.8	20.1	19.2	20.5	20.9	21.7	23.1	22.2	23.4	23.8
	8H	18.9	20.1	19.3	20.5	20.9	21.7	23.0	22.2	23.4	23.8
	12H	18.9	20.1	19.3	20.5	20.9	21.7	22.9	22.2	23.3	23.7

UGR Viewed Endwise

4H	2H	17.8	19.2	18.2	19.6	19.9	20.4	21.8	20.8	22.2	22.6
	3H	19.6	20.7	20.0	21.1	21.5	22.1	23.3	22.5	23.7	24.1
	4H	20.1	21.2	20.5	21.6	22.0	22.4	23.5	22.9	23.9	24.4
	6H	20.4	21.4	20.9	21.8	22.3	22.5	23.4	23.0	23.9	24.3
	8H	20.5	21.3	20.9	21.8	22.3	22.5	23.4	23.0	23.8	24.3
	12H	20.5	21.3	21.0	21.7	22.2	22.5	23.3	23.0	23.8	24.2
8H	4H	20.5	21.4	20.9	21.8	22.3	22.6	23.4	23.0	23.9	24.4
	6H	20.8	21.6	21.3	22.1	22.5	22.7	23.4	23.1	23.9	24.3
	8H	20.9	21.6	21.4	22.1	22.6	22.7	23.3	23.2	23.8	24.3
	12H	21.0	21.5	21.5	22.0	22.6	22.7	23.2	23.2	23.7	24.3
12H	4H	20.5	21.3	21.0	21.7	22.2	22.6	23.4	23.0	23.8	24.3
	6H	20.9	21.5	21.4	22.0	22.5	22.7	23.3	23.2	23.8	24.3
	8H	21.0	21.5	21.5	22.0	22.6	22.7	23.2	23.2	23.7	24.3

Maximum UGR = 24.4

POLAR GRAPH



Maximum Candela = 788.82 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.)