



IES INDOOR REPORT

PHOTOMETRIC FILENAME : MSTG-22-L14-GRN-L57-840-CS-SYM-DIM-120-GREEN ONLY_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] GEN fom UL TEST 12154994.01
 [TESTLAB] UL Verification Services Inc.
 [ISSUE DATE] 18-FEB-2020
 [MANUFAC] H E Williams Inc
 [LUMCAT] MSTG-22-L14-GRN-L57-840-CS-SSYM-DIM-120-GREEN ONLY
 [LUMINAIRE] White formed steel housing, frosted patterned plastic lens
 [MORE] enclosure
 [LAMP] 56 green LEDs
 [OTHER] This test was performed using the calibrated photodetector met
 [MORE] hod of absolute photometry.

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1444
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	83
Total Luminaire Watts	17.5
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.22
Spacing Criterion (90-270)	1.20
Spacing Criterion (Diagonal)	1.28
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	2126	2095	2109
55	1810	1786	1798
65	1443	1426	1456
75	1000	1014	1086
85	415	464	547

IES INDOOR REPORT**PHOTOMETRIC FILENAME : MSTG-22-L14-GRN-L57-840-CS-SYM-DIM-120-GREEN ONLY_.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	611.275	611.275	611.275	611.275	611.275
0.5	622.713	614.478	608.072	607.615	607.615
1.0	622.713	614.478	608.072	607.615	607.157
1.5	622.256	614.020	608.072	607.615	607.157
2.0	622.256	614.020	607.615	607.157	606.700
2.5	621.798	613.563	607.615	607.157	606.700
3.0	621.341	613.105	607.157	606.700	606.242
3.5	620.883	612.648	606.700	606.242	605.784
4.0	620.426	612.190	606.242	605.784	605.327
4.5	619.968	611.732	605.327	605.327	604.869
5.0	619.053	611.275	604.869	604.412	604.412
5.5	618.596	610.360	604.412	603.954	603.954
6.0	617.680	609.445	603.497	603.039	603.039
6.5	616.765	608.530	602.582	602.582	602.124
7.0	615.850	607.615	601.667	601.667	601.209
7.5	614.478	606.700	600.751	600.751	600.294
8.0	613.563	605.784	599.836	599.379	599.379
8.5	612.190	604.412	598.464	598.464	598.464
9.0	610.817	603.039	597.549	597.549	597.091
9.5	609.902	601.667	596.176	596.176	596.176
10.0	608.530	600.294	594.803	594.803	594.803
10.5	606.700	598.921	593.888	593.431	593.431
11.0	605.327	597.549	592.058	592.058	592.058
11.5	603.497	595.719	590.686	590.686	590.686
12.0	601.667	594.346	589.313	589.313	589.313
12.5	599.836	592.516	587.483	587.483	587.940
13.0	598.006	590.686	585.653	586.110	586.110
13.5	596.176	588.398	583.822	584.280	584.280
14.0	593.888	586.568	581.992	582.450	582.907
14.5	592.058	584.738	580.162	580.620	581.077
15.0	589.770	582.450	577.874	578.790	579.247
15.5	587.483	580.162	576.044	576.502	576.959
16.0	585.195	577.874	573.757	574.672	575.129
16.5	582.907	575.587	571.469	572.384	572.841
17.0	580.162	573.299	569.181	570.096	571.011
17.5	577.874	571.011	566.436	567.809	568.266
18.0	575.587	568.266	564.148	565.521	565.978
18.5	572.841	565.521	561.403	562.776	563.691
19.0	570.096	563.233	558.658	560.030	560.945
19.5	567.351	560.488	556.370	557.743	558.658
20.0	564.606	557.285	553.625	554.997	555.912
20.5	561.860	554.540	550.879	552.252	553.167
21.0	558.658	551.795	547.677	549.049	550.422
21.5	555.455	549.049	544.931	546.304	547.219
22.0	552.710	545.847	542.186	543.101	544.474
22.5	549.507	542.644	538.983	540.356	541.271
23.0	546.304	539.441	535.781	537.153	538.526
23.5	543.101	536.238	533.035	533.950	535.323
24.0	539.441	533.035	529.375	530.748	532.120
24.5	536.238	529.833	526.172	527.545	528.918
25.0	532.578	526.630	522.969	524.342	525.715
25.5	528.918	522.969	519.767	521.139	522.054
26.0	525.257	519.767	516.106	517.479	518.852
26.5	521.597	516.106	512.446	513.819	515.191

IES INDOOR REPORT**PHOTOMETRIC FILENAME : MSTG-22-L14-GRN-L57-840-CS-SYM-DIM-120-GREEN ONLY_.IES****CANDELA TABULATION - (Cont.)**

27.0	517.937	512.446	508.786	510.158	511.531
27.5	514.276	508.786	505.125	506.498	507.871
28.0	510.616	505.125	501.465	502.838	504.210
28.5	506.498	501.465	497.805	499.177	500.550
29.0	502.380	497.347	493.687	495.517	496.890
29.5	498.262	493.687	490.027	491.399	492.772
30.0	494.602	489.569	486.366	487.739	489.111
30.5	490.484	485.451	482.248	483.621	484.994
31.0	486.366	481.333	478.130	479.503	480.876
31.5	482.248	477.215	474.013	475.385	476.758
32.0	478.130	473.098	469.895	471.267	473.098
32.5	474.013	468.522	465.777	467.149	468.522
33.0	469.437	464.404	461.659	463.032	464.404
33.5	465.319	460.286	457.358	458.914	460.286
34.0	461.201	455.711	453.011	454.384	455.985
34.5	456.489	451.273	448.619	449.992	451.639
35.0	451.913	446.697	444.135	445.554	447.246
35.5	447.292	442.122	439.560	441.070	442.763
36.0	442.534	437.501	434.939	436.448	438.233
36.5	437.684	432.834	430.317	431.873	433.612
37.0	432.742	428.121	425.696	427.252	428.853
37.5	427.755	423.363	420.938	422.539	424.095
38.0	422.676	418.513	416.179	417.735	419.245
38.5	417.506	413.617	411.375	412.931	414.349
39.0	412.382	408.676	406.434	407.989	409.362
39.5	407.212	403.643	401.492	403.002	404.329
40.0	402.041	398.701	396.551	397.969	399.433
40.5	396.917	393.623	391.564	392.891	394.355
41.0	391.747	388.590	386.576	387.812	389.322
41.5	386.531	383.465	381.544	382.687	384.106
42.0	381.406	378.341	376.465	377.563	378.890
42.5	376.190	373.079	371.295	372.393	373.628
43.0	370.974	367.817	366.124	367.131	368.412
43.5	365.804	362.693	360.908	361.961	363.242
44.0	360.542	357.523	355.647	356.608	357.934
44.5	355.464	352.307	350.476	351.346	352.718
45.0	350.248	347.091	345.261	346.038	347.457
45.5	345.032	341.783	339.999	340.731	342.149
46.0	339.770	336.430	334.691	335.378	336.705
46.5	334.463	331.077	329.338	330.024	331.306
47.0	328.972	325.678	323.939	324.671	325.907
47.5	323.527	320.325	318.494	319.318	320.508
48.0	317.991	314.971	313.095	313.873	315.154
48.5	312.409	309.572	307.696	308.566	309.755
49.0	306.827	304.128	302.343	303.212	304.311
49.5	301.199	298.729	296.990	297.814	298.866
50.0	295.663	293.284	291.637	292.460	293.421
50.5	290.081	287.839	286.283	287.107	287.976
51.0	284.545	282.394	280.976	281.754	282.577
51.5	279.009	277.041	275.577	276.355	277.178
52.0	273.564	271.642	270.178	270.956	271.917
52.5	268.073	266.335	264.825	265.603	266.609
53.0	262.720	261.027	259.517	260.249	261.302
53.5	257.504	255.765	254.301	254.988	255.994
54.0	252.288	250.458	249.131	249.726	250.687
54.5	247.026	245.151	243.915	244.556	245.471

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55.0	241.902	239.889	238.653	239.294	240.255
55.5	236.778	234.719	233.483	234.032	235.085
56.0	231.699	229.548	228.313	228.908	229.960
56.5	226.620	224.424	223.189	223.783	224.836
57.0	221.587	219.299	218.018	218.705	219.803
57.5	216.463	214.175	212.894	213.626	214.861
58.0	211.338	209.096	207.861	208.593	209.737
58.5	206.214	204.018	202.874	203.606	204.658
59.0	201.135	198.893	197.887	198.664	199.717
59.5	196.056	193.860	192.854	193.723	194.821
60.0	190.978	188.827	187.912	188.827	189.834
60.5	185.990	183.840	182.925	183.977	184.984
61.0	180.912	178.899	178.075	179.173	180.225
61.5	175.879	174.049	173.225	174.415	175.467
62.0	170.800	169.199	168.421	169.702	170.709
62.5	165.767	164.440	163.662	164.989	165.996
63.0	160.871	159.636	158.950	160.368	161.283
63.5	156.113	154.923	154.329	155.747	156.754
64.0	151.446	150.119	149.662	151.172	152.224
64.5	146.779	145.452	145.041	146.688	147.786
65.0	142.067	140.923	140.465	142.204	143.393
65.5	137.491	136.485	136.027	137.811	139.001
66.0	133.053	132.092	131.589	133.465	134.700
66.5	128.615	127.654	127.288	129.164	130.445
67.0	124.268	123.262	122.941	124.954	126.190
67.5	119.967	118.915	118.640	120.791	122.026
68.0	115.621	114.614	114.431	116.673	117.954
68.5	111.411	110.359	110.313	112.601	113.882
69.0	107.293	106.150	106.195	108.529	109.901
69.5	103.221	102.032	102.123	104.548	105.875
70.0	99.103	97.960	98.097	100.613	101.986
70.5	94.986	93.979	94.162	96.678	98.188
71.0	90.776	90.044	90.319	92.789	94.345
71.5	86.704	86.063	86.475	88.946	90.593
72.0	82.678	82.174	82.678	85.240	86.841
72.5	78.834	78.285	78.926	81.488	83.135
73.0	74.991	74.533	75.266	77.828	79.475
73.5	71.193	70.827	71.697	74.213	75.860
74.0	67.533	67.304	68.128	70.690	72.337
74.5	63.873	63.781	64.605	67.167	68.906
75.0	60.304	60.350	61.173	63.735	65.520
75.5	56.735	56.964	57.833	60.395	62.180
76.0	53.349	53.670	54.539	57.101	58.886
76.5	50.101	50.375	51.336	53.898	55.500
77.0	46.852	47.172	48.225	50.741	52.343
77.5	43.787	44.061	45.159	47.630	49.231
78.0	40.767	41.041	42.140	44.565	46.212
78.5	37.884	38.159	39.257	41.636	43.192
79.0	35.093	35.368	36.466	38.708	40.218
79.5	32.394	32.577	33.675	35.917	37.381
80.0	29.740	29.877	30.930	33.172	34.636
80.5	27.178	27.315	28.322	30.564	31.936
81.0	24.616	24.753	25.851	28.047	29.191
81.5	22.236	22.328	23.426	25.531	26.537
82.0	19.949	19.995	21.093	23.106	24.021
82.5	17.798	17.798	18.851	20.818	21.687

IES INDOOR REPORT**PHOTOMETRIC FILENAME : MSTG-22-L14-GRN-L57-840-CS-SYM-DIM-120-GREEN ONLY_.IES****CANDELA TABULATION - (Cont.)**

83.0	15.785	15.785	16.792	18.576	19.400
83.5	13.772	13.863	14.733	16.426	17.158
84.0	11.850	12.079	12.903	14.458	15.053
84.5	10.066	10.340	11.072	12.582	13.040
85.0	8.419	8.739	9.425	10.798	11.118
85.5	6.955	7.275	7.915	9.105	9.334
86.0	5.628	5.948	6.543	7.504	7.732
86.5	4.438	4.804	5.262	6.085	6.177
87.0	3.386	3.752	4.164	4.804	4.896
87.5	2.471	2.791	3.203	3.615	3.752
88.0	1.739	2.013	2.333	2.654	2.699
88.5	1.144	1.373	1.601	1.830	1.876
89.0	0.732	0.915	1.052	1.190	1.235
89.5	0.458	0.549	0.641	0.778	0.824
90.0	0.229	0.320	0.412	0.503	0.458
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 : MSTG-22-L14-GRN-L57-840-CS-SYM-DIM-120-GREEN ONLY_.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 : MSTG-22-L14-GRN-L57-840-CS-SYM-DIM-120-GREEN ONLY_.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 : MSTG-22-L14-GRN-L57-840-CS-SYM-DIM-120-GREEN ONLY_.IES****ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	221.40	N.A.	15.30
0-30	463.27	N.A.	32.10
0-40	741.95	N.A.	51.40
0-60	1223.56	N.A.	84.70
0-80	1430.95	N.A.	99.10
0-90	1443.77	N.A.	100.00
10-90	1386.05	N.A.	96.00
20-40	520.55	N.A.	36.10
20-50	787.64	N.A.	54.60
40-70	622.44	N.A.	43.10
60-80	207.39	N.A.	14.40
70-80	66.56	N.A.	4.60
80-90	12.82	N.A.	0.90
90-110	0.01	N.A.	0.00
90-120	0.01	N.A.	0.00
90-130	0.01	N.A.	0.00
90-150	0.01	N.A.	0.00
90-180	0.01	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	1443.78	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	57.72
10-20	163.68
20-30	241.87
30-40	278.68
40-50	267.09
50-60	214.52
60-70	140.83
70-80	66.56
80-90	12.82
90-100	0.01
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 : MSTG-22-L14-GRN-L57-840-CS-SYM-DIM-120-GREEN ONLY_.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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	110	106	102	98	107	103	100	97	99	96	94	95	93	91	92	90	88	86
2	101	93	87	82	98	91	85	81	88	83	79	85	81	77	82	78	75	73
3	92	83	75	69	90	81	74	68	78	72	67	75	70	66	73	69	65	63
4	85	74	65	59	83	72	65	59	70	63	58	68	62	57	66	61	56	54
5	78	66	58	51	76	65	57	51	63	56	51	61	55	50	59	54	50	48
6	73	60	51	45	71	59	51	45	57	50	45	56	49	44	54	48	44	42
7	68	55	46	40	66	54	46	40	52	45	40	51	44	40	49	44	39	37
8	63	50	42	36	61	49	41	36	48	41	36	47	40	36	46	40	35	34
9	59	46	38	33	58	45	38	33	44	37	32	43	37	32	42	36	32	30
10	55	42	35	30	54	42	35	30	41	34	30	40	34	29	39	33	29	28

IES INDOOR REPORT

PHOTOMETRIC FILENAME : MSTG-22-L14-GRN-L57-840-CS-SYM-DIM-120-GREEN ONLY_.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	13.8	15.3	14.1	15.6	16.0	UGR Viewed Endwise	13.8	15.3	14.1	15.6	15.9
	3H	15.1	16.5	15.5	16.8	17.2		15.1	16.5	15.5	16.9	17.2
	4H	15.5	16.8	15.9	17.2	17.5		15.6	16.9	16.0	17.3	17.6
	6H	15.7	16.9	16.1	17.3	17.7		15.9	17.1	16.3	17.4	17.8
	8H	15.8	16.9	16.2	17.3	17.7		15.9	17.1	16.4	17.5	17.9
	12H	15.8	16.9	16.2	17.2	17.7		16.0	17.1	16.4	17.4	17.9

4H	2H	14.3	15.6	14.7	15.9	16.3	14.2	15.5	14.6	15.9	16.3
	3H	15.8	16.9	16.2	17.3	17.7	15.8	16.9	16.2	17.3	17.7
	4H	16.3	17.2	16.7	17.7	18.1	16.4	17.3	16.8	17.8	18.2
	6H	16.6	17.4	17.0	17.9	18.3	16.7	17.6	17.2	18.0	18.5
	8H	16.6	17.4	17.1	17.9	18.3	16.8	17.6	17.3	18.1	18.5
	12H	16.6	17.4	17.1	17.8	18.3	16.9	17.6	17.4	18.1	18.5

8H	4H	16.4	17.2	16.9	17.7	18.1	16.5	17.3	17.0	17.8	18.2
	6H	16.8	17.5	17.3	18.0	18.4	17.0	17.6	17.5	18.1	18.6
	8H	16.9	17.5	17.4	18.0	18.5	17.1	17.7	17.6	18.2	18.7
	12H	16.9	17.5	17.5	17.9	18.5	17.2	17.7	17.7	18.2	18.8

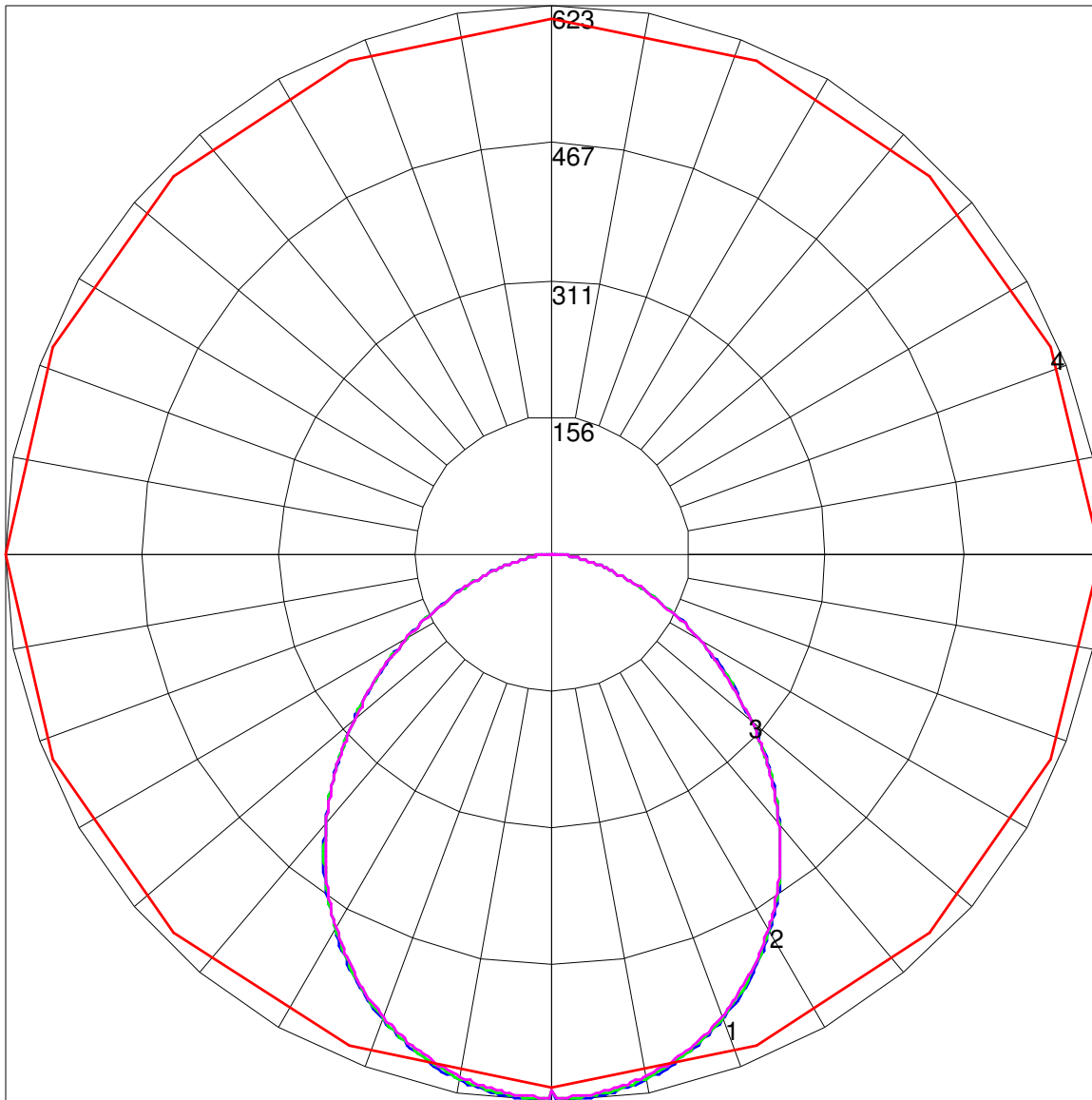
12H	4H	16.4	17.2	16.9	17.6	18.1	16.5	17.2	17.0	17.7	18.2
	6H	16.8	17.4	17.3	17.9	18.4	17.0	17.6	17.5	18.0	18.6
	8H	16.9	17.5	17.4	17.9	18.5	17.1	17.7	17.7	18.2	18.7

Maximum UGR = 18.8

IES INDOOR REPORT

PHOTOMETRIC FILENAME : MSTG-22-L14-GRN-L57-840-CS-SYM-DIM-120-GREEN ONLY_.IES

POLAR GRAPH



Maximum Candela = 622.713 Located At Horizontal Angle = 0, Vertical Angle = .5

1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)

2 - Vertical Plane Through Horizontal Angles (5 - 185)

3 - Vertical Plane Through Horizontal Angles (10 - 190)

4 - Horizontal Cone Through Vertical Angle (.5) (Through Max. Cd.)