

IES INDOOR REPORT

PHOTOMETRIC FILENAME : GS-2-L240-835-CA-EM-10W-DIM-UNV_EM MODE ONLY.IES

DESCRIPTION INFORMATION (From Photometric File)

[IESNA:LM-63-2002

[TEST] GEN FROM 14617179.01

[TESTLAB] UL Verification Services Inc.

[ISSUE DATE] 2026-06-04

[TEST DATE] 1/6/2023

[MANUFAC] H E Williams Inc

[LUMCAT] GS-2-L240-835-CA-EM/10W-DIM-UNV_EM MODE ONLY

[LUMINAIRE] White aluminum housing, prismatic lense enclosure

[OTHER] 24.9 C, 120.004 V, 1.44538 A, 173.17 W, 0.998374 PF, 59.9997 H

[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	1400
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	140
Total Luminaire Watts	10
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.28
Spacing Criterion (90-270)	1.30
Spacing Criterion (Diagonal)	1.42
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	1.67 ft
Luminous Width (90-270)	1.17 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	2793	2880	2932
55	2674	2781	2001
65	2425	1696	550
75	1985	546	553
85	870	748	697

IES INDOOR REPORT**PHOTOMETRIC FILENAME : GS-2-L240-835-CA-EM-10W-DIM-UNV_EM MODE 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	530.718	530.718	530.718	530.718	530.718
0.5	524.162	531.051	532.218	531.384	532.440
1.0	524.328	531.107	532.273	531.384	532.385
1.5	524.550	531.051	532.329	531.218	532.218
2.0	524.495	531.162	532.218	531.273	532.273
2.5	524.384	531.051	532.273	531.162	532.107
3.0	524.328	530.829	532.162	531.218	532.218
3.5	524.162	530.495	532.107	531.218	532.218
4.0	523.773	530.329	531.940	531.440	532.329
4.5	523.273	529.995	531.718	531.551	532.440
5.0	522.606	529.607	531.551	531.440	532.273
5.5	522.106	529.273	531.329	531.273	532.051
6.0	521.717	528.940	531.051	530.884	531.607
6.5	521.161	528.440	530.773	530.495	530.996
7.0	520.439	527.884	530.218	529.940	530.273
7.5	519.828	527.384	529.718	529.218	529.495
8.0	519.272	526.773	528.995	528.440	528.773
8.5	518.994	526.106	528.329	527.662	528.217
9.0	518.550	525.384	527.606	526.884	527.551
9.5	517.939	524.828	526.995	526.328	527.051
10.0	517.272	524.328	526.328	525.662	526.384
10.5	516.661	523.773	525.551	524.828	525.606
11.0	515.994	523.217	524.662	523.884	524.773
11.5	515.438	522.606	523.773	522.995	523.495
12.0	514.383	521.828	523.050	521.828	521.828
12.5	513.216	521.050	522.050	520.272	520.495
13.0	512.049	520.161	520.995	518.717	519.050
13.5	510.827	518.939	519.939	517.383	517.439
14.0	509.493	517.772	518.828	515.883	515.939
14.5	507.716	516.605	517.494	514.383	514.661
15.0	506.438	515.438	516.216	512.883	513.661
15.5	505.715	514.161	514.716	511.438	512.660
16.0	504.660	512.716	513.216	510.160	511.438
16.5	503.548	511.383	511.438	508.882	510.327
17.0	502.826	509.994	509.882	507.604	509.049
17.5	501.659	508.660	508.216	506.160	507.827
18.0	500.326	507.104	506.438	504.826	506.382
18.5	498.881	505.604	504.882	503.215	504.493
19.0	497.159	504.160	502.937	501.548	502.715
19.5	495.270	502.659	501.104	499.937	501.270
20.0	493.492	501.159	499.326	498.215	499.715
20.5	491.770	499.548	497.715	496.548	498.159
21.0	490.103	497.826	496.048	494.992	496.492
21.5	488.158	496.103	494.325	493.436	494.659
22.0	486.269	494.381	492.603	491.770	492.825
22.5	484.658	492.547	490.769	490.047	491.158
23.0	483.046	490.658	488.714	488.047	489.158
23.5	481.435	488.547	486.713	486.269	487.380
24.0	479.435	486.658	484.547	484.491	485.436
24.5	477.713	484.769	482.324	482.491	483.602
25.0	475.824	482.435	479.935	480.657	481.491
25.5	473.657	480.491	477.824	478.602	479.491
26.0	471.156	478.546	475.768	476.546	477.268
26.5	468.434	475.990	473.768	474.379	475.101

IES INDOOR REPORT**PHOTOMETRIC FILENAME : GS-2-L240-835-CA-EM-10W-DIM-UNV_EM MODE ONLY.IES****CANDELA TABULATION - (Cont.)**

27.0	465.934	473.490	471.601	472.268	472.934
27.5	463.489	470.879	469.601	470.156	470.823
28.0	461.155	468.267	467.434	468.156	468.712
28.5	459.155	465.656	465.156	465.989	466.434
29.0	456.933	463.100	462.822	463.433	464.211
29.5	454.710	460.544	460.489	461.100	462.211
30.0	452.488	457.711	457.989	458.655	459.878
30.5	450.266	455.099	455.711	456.155	457.766
31.0	447.876	452.210	453.433	453.821	455.433
31.5	445.210	449.377	451.043	451.432	453.099
32.0	442.431	446.821	448.543	448.988	450.654
32.5	439.542	444.098	446.154	446.821	448.099
33.0	436.542	441.431	443.987	444.432	445.765
33.5	433.653	438.598	441.487	441.987	443.654
34.0	430.708	435.597	438.764	439.431	441.209
34.5	427.930	432.653	435.986	436.875	438.653
35.0	425.374	429.597	432.931	434.375	435.931
35.5	422.985	426.541	429.430	431.764	433.486
36.0	420.096	423.263	426.597	429.152	430.930
36.5	417.096	419.985	423.874	426.430	428.208
37.0	413.651	416.707	420.874	423.763	425.541
37.5	409.928	413.484	417.818	421.096	422.707
38.0	406.372	410.317	415.095	418.318	419.763
38.5	402.761	407.095	412.484	415.429	416.540
39.0	399.594	403.872	409.428	412.317	413.540
39.5	396.594	400.427	406.039	409.039	410.595
40.0	393.482	396.816	402.650	405.928	407.539
40.5	390.260	393.205	399.427	402.761	404.650
41.0	387.259	389.593	396.149	399.316	401.705
41.5	383.592	385.926	392.649	396.149	398.316
42.0	379.537	382.315	389.093	392.760	394.871
42.5	375.147	378.648	385.482	389.371	391.482
43.0	370.869	374.925	382.037	385.982	388.204
43.5	366.869	370.980	378.481	382.537	384.981
44.0	363.313	367.258	375.258	379.203	381.981
44.5	360.368	363.591	371.814	376.203	378.759
45.0	357.312	359.701	368.369	373.091	375.036
45.5	353.979	355.923	364.646	369.369	371.647
46.0	350.034	352.034	360.479	365.257	367.980
46.5	345.978	347.978	356.090	361.868	364.480
47.0	341.700	344.089	352.367	358.368	361.090
47.5	337.866	340.366	348.645	354.701	357.479
48.0	334.366	336.755	344.700	351.200	353.756
48.5	330.921	333.477	340.811	347.756	349.311
49.0	327.254	328.976	337.144	344.200	343.644
49.5	323.309	324.198	333.532	340.644	337.088
50.0	318.364	320.197	329.754	336.810	329.198
50.5	313.864	316.697	325.698	332.699	319.586
51.0	309.641	312.530	321.642	327.698	308.530
51.5	305.974	308.474	317.419	321.586	297.918
52.0	302.474	304.085	313.419	314.475	289.361
52.5	298.473	299.862	309.363	305.252	281.249
53.0	293.862	295.306	305.196	294.695	269.081
53.5	289.139	291.084	301.196	283.694	252.691
54.0	284.750	287.250	296.973	274.415	233.967
54.5	281.083	283.027	292.695	266.415	218.465

IES INDOOR REPORT**PHOTOMETRIC FILENAME : GS-2-L240-835-CA-EM-10W-DIM-UNV_EM MODE ONLY.IES****CANDELA TABULATION - (Cont.)**

55.0	277.416	278.082	288.583	256.414	207.576
55.5	272.748	273.526	284.361	242.190	199.297
56.0	267.692	269.859	280.249	224.466	191.241
56.5	263.470	265.970	276.082	207.964	181.184
57.0	259.914	261.636	271.693	196.297	171.016
57.5	255.914	256.802	266.859	187.963	162.571
58.0	251.302	252.080	261.692	181.184	157.348
58.5	246.135	247.579	255.358	172.906	154.070
59.0	241.968	243.190	248.079	161.571	151.348
59.5	237.912	238.467	239.801	152.181	147.514
60.0	232.689	233.522	230.022	146.625	142.403
60.5	227.689	229.300	221.244	143.347	135.902
61.0	223.188	224.688	212.965	140.569	127.846
61.5	219.243	219.910	203.353	136.513	119.345
62.0	214.521	214.854	192.907	131.290	110.844
62.5	208.687	209.742	179.406	124.456	99.565
63.0	203.575	205.353	164.182	115.956	82.619
63.5	199.519	201.019	151.848	107.733	68.951
64.0	194.574	195.963	143.458	99.510	60.839
64.5	189.852	191.518	137.069	87.286	53.400
65.0	185.407	186.962	129.679	71.285	42.037
65.5	179.517	181.795	120.400	60.228	36.426
66.0	174.517	177.017	112.622	53.477	35.170
66.5	170.183	172.683	107.955	43.532	34.592
67.0	165.460	167.849	104.288	36.481	34.087
67.5	160.515	163.071	100.454	33.931	33.587
68.0	155.404	158.737	95.509	33.231	33.120
68.5	150.959	153.626	88.509	32.675	32.664
69.0	146.625	149.014	80.508	32.159	32.209
69.5	141.791	144.292	73.674	31.675	31.742
70.0	137.069	139.902	64.284	31.214	31.281
70.5	132.513	134.902	52.238	30.742	30.836
71.0	128.512	129.679	44.477	30.303	30.392
71.5	123.901	124.234	38.620	29.864	29.892
72.0	119.289	118.456	31.920	29.369	29.408
72.5	114.733	111.066	28.608	28.897	28.892
73.0	110.455	103.343	27.747	28.419	28.331
73.5	106.177	96.732	27.175	27.908	27.764
74.0	101.899	89.731	26.614	27.358	27.142
74.5	97.676	82.063	26.086	26.764	26.525
75.0	92.953	72.285	25.552	26.158	25.880
75.5	88.620	65.451	25.041	25.536	25.208
76.0	84.286	60.450	24.547	24.891	24.525
76.5	79.674	54.983	24.013	24.230	23.819
77.0	75.063	49.183	23.480	23.552	23.119
77.5	70.396	45.404	22.908	22.869	22.397
78.0	65.173	40.798	22.313	22.163	21.674
78.5	60.839	35.031	21.674	21.424	20.930
79.0	57.005	30.581	21.030	20.702	20.202
79.5	53.027	24.141	20.369	19.980	19.457
80.0	49.010	20.752	19.685	19.235	18.696
80.5	44.988	17.579	19.002	18.468	17.946
81.0	40.904	16.502	18.291	17.707	17.268
81.5	36.876	15.829	17.546	16.957	16.618
82.0	33.248	15.129	16.768	16.196	15.752
82.5	30.008	14.424	15.990	15.440	14.985

IES INDOOR REPORT**PHOTOMETRIC FILENAME : GS-2-L240-835-CA-EM-10W-DIM-UNV_EM MODE ONLY.IES****CANDELA TABULATION - (Cont.)**

83.0	26.525	13.735	15.163	14.663	14.240
83.5	23.124	13.018	14.340	13.896	13.479
84.0	19.841	12.285	13.490	13.096	12.696
84.5	16.774	11.507	12.657	12.262	11.879
85.0	13.724	10.723	11.796	11.362	10.984
85.5	12.140	9.890	10.873	10.395	10.068
86.0	10.401	9.029	9.901	9.379	9.073
86.5	7.873	8.129	8.812	8.279	8.067
87.0	6.551	7.190	7.656	7.128	6.973
87.5	5.717	6.212	6.423	5.962	5.795
88.0	4.889	5.139	5.189	4.678	4.473
88.5	3.984	3.984	3.934	3.289	3.034
89.0	2.911	2.872	2.678	2.134	1.961
89.5	1.822	1.928	1.722	1.461	1.417
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

IES INDOOR REPORT**PHOTOMETRIC FILENAME : GS-2-L240-835-CA-EM-10W-DIM-UNV_EM MODE ONLY.IES****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 : GS-2-L240-835-CA-EM-10W-DIM-UNV_EM MODE 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 : GS-2-L240-835-CA-EM-10W-DIM-UNV_EM MODE 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 : GS-2-L240-835-CA-EM-10W-DIM-UNV_EM MODE ONLY.IES****ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	195.48	N.A.	14.00
0-30	416.92	N.A.	29.80
0-40	687.00	N.A.	49.10
0-60	1206.41	N.A.	86.20
0-80	1387.42	N.A.	99.10
0-90	1400.03	N.A.	100.00
10-90	1349.62	N.A.	96.40
20-40	491.52	N.A.	35.10
20-50	774.14	N.A.	55.30
40-70	650.07	N.A.	46.40
60-80	181.01	N.A.	12.90
70-80	50.36	N.A.	3.60
80-90	12.60	N.A.	0.90
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	1400.03	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	50.41
10-20	145.07
20-30	221.44
30-40	270.08
40-50	282.62
50-60	236.80
60-70	130.65
70-80	50.36
80-90	12.60
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 : GS-2-L240-835-CA-EM-10W-DIM-UNV_EM MODE 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	86	81	88	83	79	85	81	77	82	78	75	73
3	92	82	75	69	90	81	74	68	78	72	67	75	70	66	73	68	65	63
4	85	73	65	59	82	72	64	58	70	63	57	67	61	57	65	60	56	54
5	78	66	57	51	76	65	57	50	62	55	50	61	54	49	59	53	49	47
6	72	59	51	44	70	58	50	44	57	49	44	55	48	43	53	48	43	41
7	67	54	45	39	65	53	45	39	51	44	39	50	43	39	49	43	38	36
8	62	49	41	35	61	48	40	35	47	40	35	46	39	35	45	39	34	32
9	58	45	37	32	57	44	37	31	43	36	31	42	36	31	41	35	31	29
10	54	41	34	29	53	41	34	29	40	33	28	39	33	28	38	32	28	26

IES INDOOR REPORT

PHOTOMETRIC FILENAME : GS-2-L240-835-CA-EM-10W-DIM-UNV_EM MODE 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

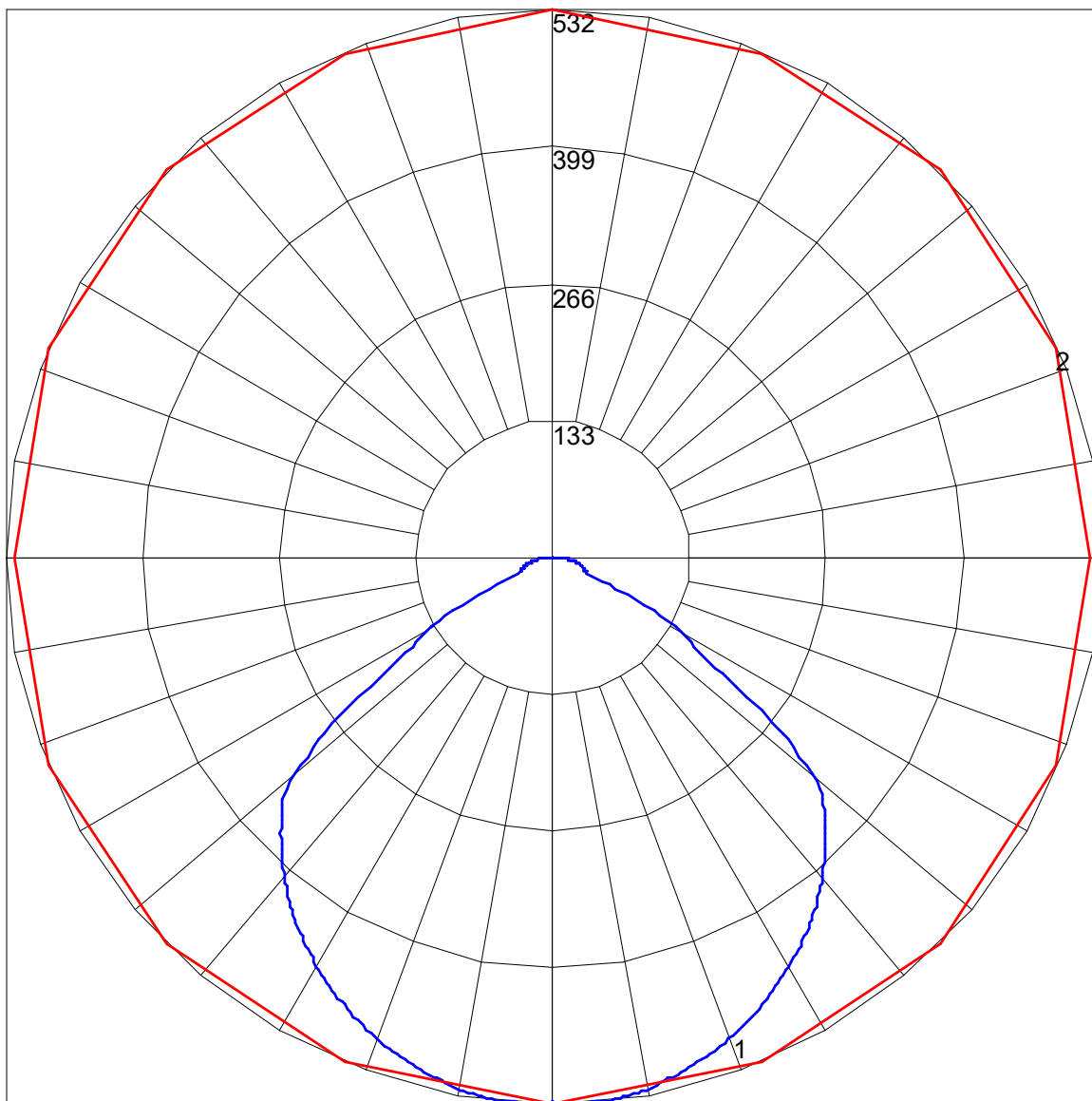
X=2H	Y=2H	16.0	17.6	16.4	17.9	18.2	13.6	15.2	14.0	15.5	15.8
	3H	17.7	19.1	18.1	19.4	19.8	13.7	15.1	14.1	15.5	15.8
	4H	18.2	19.6	18.6	19.9	20.3	13.8	15.1	14.2	15.5	15.9
	6H	18.5	19.7	18.9	20.1	20.5	13.9	15.2	14.4	15.5	15.9
	8H	18.6	19.7	19.0	20.1	20.5	14.0	15.2	14.4	15.6	16.0
	12H	18.6	19.7	19.0	20.1	20.5	14.1	15.2	14.5	15.6	16.0

UGR Viewed Endwise

4H	2H	16.3	17.6	16.7	17.9	18.3	14.2	15.6	14.6	15.9	16.3
	3H	18.1	19.2	18.5	19.6	20.0	14.4	15.5	14.8	15.9	16.3
	4H	18.7	19.7	19.1	20.1	20.5	14.6	15.5	15.0	15.9	16.4
	6H	19.1	19.9	19.5	20.4	20.8	14.8	15.6	15.2	16.0	16.5
	8H	19.1	19.9	19.6	20.4	20.8	14.8	15.6	15.3	16.1	16.5
	12H	19.2	19.9	19.7	20.4	20.8	14.9	15.6	15.4	16.1	16.6
8H	4H	18.7	19.5	19.1	19.9	20.4	14.7	15.5	15.2	16.0	16.4
	6H	19.0	19.7	19.5	20.2	20.6	15.0	15.7	15.5	16.1	16.6
	8H	19.1	19.7	19.6	20.2	20.7	15.1	15.7	15.6	16.2	16.7
	12H	19.2	19.7	19.7	20.2	20.8	15.3	15.8	15.8	16.3	16.9
12H	4H	18.6	19.4	19.1	19.8	20.3	14.8	15.5	15.2	15.9	16.4
	6H	19.0	19.6	19.5	20.1	20.6	15.0	15.6	15.5	16.1	16.6
	8H	19.1	19.6	19.6	20.1	20.7	15.2	15.7	15.7	16.2	16.8

Maximum UGR = 20.8

POLAR GRAPH



Maximum Candela = 532.44 Located At Horizontal Angle = 90, Vertical Angle = .5
1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (.5) (Through Max. Cd.)