

IES INDOOR REPORT

PHOTOMETRIC FILENAME : GS-4-L240-835-CA-DIM-UNV_EMER MODE ONLY_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] Gen From 14617179.01
[TESTLAB] UL Verification Services Inc.
[ISSUE DATE] 2025-08-26
[TEST DATE] 1/6/2023
[MANUFAC] WILLIAMS INDOOR
[OTHER] H.E. WILLIAMS, INC. - CARTHAGE, MO.
[LUMCAT] GS-4-L240-835-CA-DIM-UNV EMER MODE ONLY
[LUMINAIRE] White aluminum housing, prismatic lense enclosure

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1402
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)	3.36 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	1387	1430	1456
55	1328	1381	994
65	1204	842	273
75	986	271	275
85	432	372	346

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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	531.292	531.292	531.292	531.292	531.292
0.5	524.728	531.626	532.794	531.959	533.016
1.0	524.895	531.681	532.849	531.959	532.960
1.5	525.118	531.626	532.905	531.792	532.794
2.0	525.062	531.737	532.794	531.848	532.849
2.5	524.951	531.626	532.849	531.737	532.682
3.0	524.895	531.403	532.738	531.792	532.794
3.5	524.728	531.069	532.682	531.792	532.794
4.0	524.339	530.902	532.515	532.015	532.905
4.5	523.839	530.569	532.293	532.126	533.016
5.0	523.171	530.179	532.126	532.015	532.849
5.5	522.671	529.846	531.904	531.848	532.627
6.0	522.281	529.512	531.626	531.459	532.182
6.5	521.725	529.011	531.347	531.069	531.570
7.0	521.002	528.455	530.791	530.513	530.847
7.5	520.390	527.955	530.291	529.790	530.068
8.0	519.834	527.343	529.568	529.011	529.345
8.5	519.556	526.675	528.900	528.233	528.789
9.0	519.111	525.952	528.177	527.454	528.121
9.5	518.499	525.396	527.565	526.898	527.621
10.0	517.831	524.895	526.898	526.230	526.953
10.5	517.220	524.339	526.119	525.396	526.175
11.0	516.552	523.783	525.229	524.450	525.340
11.5	515.996	523.171	524.339	523.560	524.061
12.0	514.939	522.392	523.616	522.392	522.392
12.5	513.771	521.614	522.615	520.835	521.058
13.0	512.603	520.724	521.558	519.278	519.611
13.5	511.379	519.500	520.501	517.943	517.998
14.0	510.045	518.332	519.389	516.441	516.497
14.5	508.265	517.164	518.054	514.939	515.217
15.0	506.985	515.996	516.775	513.437	514.216
15.5	506.262	514.717	515.273	511.991	513.215
16.0	505.206	513.271	513.771	510.712	511.991
16.5	504.093	511.936	511.991	509.433	510.879
17.0	503.370	510.545	510.434	508.153	509.600
17.5	502.202	509.210	508.765	506.707	508.376
18.0	500.867	507.653	506.985	505.372	506.930
18.5	499.421	506.151	505.428	503.759	505.039
19.0	497.697	504.705	503.481	502.091	503.259
19.5	495.806	503.203	501.646	500.478	501.813
20.0	494.026	501.701	499.866	498.753	500.255
20.5	492.301	500.088	498.253	497.085	498.698
21.0	490.633	498.364	496.584	495.527	497.029
21.5	488.686	496.640	494.860	493.970	495.194
22.0	486.795	494.916	493.136	492.301	493.358
22.5	485.182	493.080	491.300	490.577	491.690
23.0	483.569	491.189	489.242	488.575	489.687
23.5	481.956	489.075	487.240	486.795	487.907
24.0	479.954	487.184	485.071	485.015	485.961
24.5	478.229	485.293	482.846	483.013	484.125
25.0	476.338	482.957	480.454	481.177	482.012
25.5	474.169	481.010	478.341	479.119	480.009
26.0	471.666	479.064	476.283	477.061	477.784
26.5	468.941	476.505	474.280	474.892	475.615

IES INDOOR REPORT**PHOTOMETRIC FILENAME : GS-4-L240-835-CA-DIM-UNV_EMER MODE ONLY_.IES****CANDELA TABULATION - (Cont.)**

27.0	466.438	474.002	472.111	472.778	473.446
27.5	463.990	471.388	470.109	470.665	471.332
28.0	461.654	468.774	467.939	468.663	469.219
28.5	459.652	466.160	465.659	466.493	466.938
29.0	457.427	463.601	463.323	463.935	464.713
29.5	455.202	461.042	460.987	461.599	462.711
30.0	452.977	458.206	458.484	459.151	460.375
30.5	450.753	455.592	456.203	456.648	458.261
31.0	448.361	452.699	453.923	454.312	455.925
31.5	445.691	449.863	451.531	451.921	453.589
32.0	442.910	447.304	449.028	449.473	451.142
32.5	440.018	444.579	446.637	447.304	448.583
33.0	437.014	441.909	444.467	444.912	446.247
33.5	434.122	439.072	441.964	442.465	444.134
34.0	431.174	436.069	439.239	439.906	441.686
34.5	428.393	433.121	436.458	437.348	439.128
35.0	425.834	430.062	433.399	434.845	436.402
35.5	423.443	427.002	429.895	432.231	433.955
36.0	420.550	423.721	427.058	429.617	431.396
36.5	417.547	420.439	424.333	426.891	428.671
37.0	414.098	417.157	421.329	424.221	426.001
37.5	410.372	413.931	418.270	421.552	423.165
38.0	406.812	410.761	415.544	418.770	420.217
38.5	403.197	407.535	412.930	415.878	416.991
39.0	400.026	404.309	409.871	412.763	413.987
39.5	397.023	400.861	406.478	409.482	411.039
40.0	393.908	397.245	403.085	406.367	407.980
40.5	390.682	393.630	399.859	403.197	405.088
41.0	387.678	390.014	396.578	399.748	402.140
41.5	384.007	386.343	393.074	396.578	398.747
42.0	379.947	382.728	389.514	393.185	395.298
42.5	375.553	379.057	385.898	389.792	391.906
43.0	371.270	375.330	382.450	386.399	388.624
43.5	367.265	371.381	378.890	382.951	385.398
44.0	363.706	367.655	375.664	379.613	382.394
44.5	360.758	363.984	372.216	376.610	379.168
45.0	357.699	360.090	368.767	373.495	375.442
45.5	354.361	356.308	365.041	369.768	372.049
46.0	350.412	352.415	360.869	365.652	368.378
46.5	346.352	348.354	356.475	362.260	364.874
47.0	342.069	344.461	352.748	358.755	361.481
47.5	338.231	340.734	349.022	355.084	357.866
48.0	334.727	337.119	345.073	351.580	354.139
48.5	331.279	333.837	341.179	348.132	349.689
49.0	327.608	329.332	337.508	344.572	344.016
49.5	323.659	324.549	333.893	341.012	337.453
50.0	318.708	320.544	330.111	337.174	329.554
50.5	314.203	317.040	326.050	333.059	319.932
51.0	309.976	312.868	321.990	328.053	308.863
51.5	306.305	308.808	317.763	321.934	298.240
52.0	302.801	304.414	313.758	314.815	289.674
52.5	298.796	300.187	309.698	305.582	281.553
53.0	294.179	295.626	305.526	295.014	269.372
53.5	289.452	291.398	301.521	284.001	252.964
54.0	285.058	287.561	297.294	274.712	234.220
54.5	281.387	283.333	293.011	266.703	218.702

IES INDOOR REPORT**PHOTOMETRIC FILENAME : GS-4-L240-835-CA-DIM-UNV_EMER MODE ONLY_.IES****CANDELA TABULATION - (Cont.)**

55.0	277.716	278.383	288.895	256.691	207.800
55.5	273.043	273.822	284.668	242.452	199.513
56.0	267.982	270.151	280.552	224.709	191.447
56.5	263.755	266.258	276.381	208.189	181.380
57.0	260.195	261.919	271.987	196.509	171.201
57.5	256.190	257.080	267.148	188.166	162.747
58.0	251.574	252.352	261.975	181.380	157.519
58.5	246.401	247.847	255.634	173.093	154.237
59.0	242.229	243.453	248.348	161.746	151.512
59.5	238.169	238.725	240.060	152.346	147.674
60.0	232.941	233.775	230.271	146.784	142.557
60.5	227.935	229.548	221.483	143.502	136.049
61.0	223.430	224.931	213.195	140.721	127.984
61.5	219.480	220.148	203.573	136.661	119.474
62.0	214.753	215.086	193.116	131.432	110.964
62.5	208.912	209.969	179.600	124.591	99.673
63.0	203.795	205.575	164.360	116.081	82.708
63.5	199.735	201.237	152.012	107.849	69.026
64.0	194.785	196.175	143.613	99.617	60.905
64.5	190.057	191.726	137.217	87.381	53.457
65.0	185.607	187.165	129.819	71.362	42.083
65.5	179.711	181.992	120.531	60.293	36.465
66.0	174.706	177.209	112.744	53.535	35.208
66.5	170.367	172.870	108.072	43.579	34.630
67.0	165.639	168.031	104.401	36.521	34.123
67.5	160.689	163.248	100.563	33.968	33.623
68.0	155.572	158.909	95.612	33.267	33.156
68.5	151.122	153.792	88.604	32.711	32.700
69.0	146.784	149.176	80.595	32.193	32.243
69.5	141.945	144.448	73.753	31.710	31.776
70.0	137.217	140.054	64.353	31.248	31.315
70.5	132.656	135.048	52.295	30.775	30.870
71.0	128.651	129.819	44.525	30.336	30.425
71.5	124.035	124.369	38.662	29.896	29.924
72.0	119.418	118.584	31.954	29.401	29.440
72.5	114.857	111.186	28.639	28.928	28.923
73.0	110.575	103.455	27.777	28.450	28.361
73.5	106.292	96.836	27.204	27.938	27.794
74.0	102.009	89.828	26.642	27.388	27.171
74.5	97.782	82.152	26.114	26.793	26.553
75.0	93.054	72.363	25.580	26.186	25.908
75.5	88.715	65.522	25.068	25.563	25.235
76.0	84.377	60.516	24.573	24.918	24.551
76.5	79.761	55.043	24.039	24.256	23.845
77.0	75.144	49.236	23.505	23.578	23.144
77.5	70.472	45.453	22.933	22.894	22.421
78.0	65.243	40.842	22.337	22.187	21.698
78.5	60.905	35.069	21.698	21.447	20.952
79.0	57.067	30.614	21.053	20.724	20.224
79.5	53.085	24.167	20.391	20.001	19.478
80.0	49.063	20.774	19.707	19.256	18.716
80.5	45.036	17.598	19.022	18.488	17.966
81.0	40.948	16.519	18.310	17.726	17.287
81.5	36.916	15.846	17.565	16.976	16.636
82.0	33.284	15.146	16.786	16.214	15.769
82.5	30.041	14.439	16.008	15.457	15.001

IES INDOOR REPORT**PHOTOMETRIC FILENAME : GS-4-L240-835-CA-DIM-UNV_EMER MODE ONLY_.IES****CANDELA TABULATION - (Cont.)**

83.0	26.553	13.750	15.179	14.678	14.256
83.5	23.149	13.032	14.356	13.911	13.494
84.0	19.862	12.298	13.505	13.110	12.709
84.5	16.792	11.519	12.670	12.276	11.892
85.0	13.738	10.735	11.808	11.374	10.996
85.5	12.153	9.901	10.885	10.407	10.079
86.0	10.412	9.038	9.912	9.389	9.083
86.5	7.881	8.137	8.821	8.288	8.076
87.0	6.558	7.197	7.665	7.136	6.980
87.5	5.723	6.218	6.430	5.968	5.801
88.0	4.895	5.145	5.195	4.683	4.477
88.5	3.988	3.988	3.938	3.293	3.037
89.0	2.915	2.876	2.681	2.136	1.963
89.5	1.824	1.930	1.724	1.463	1.418
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-4-L240-835-CA-DIM-UNV_EMER 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-4-L240-835-CA-DIM-UNV_EMER 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-4-L240-835-CA-DIM-UNV_EMER 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-4-L240-835-CA-DIM-UNV_EMER MODE ONLY_.IES****ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	195.69	N.A.	14.00
0-30	417.37	N.A.	29.80
0-40	687.74	N.A.	49.10
0-60	1207.72	N.A.	86.20
0-80	1388.92	N.A.	99.10
0-90	1401.54	N.A.	100.00
10-90	1351.08	N.A.	96.40
20-40	492.05	N.A.	35.10
20-50	774.98	N.A.	55.30
40-70	650.77	N.A.	46.40
60-80	181.20	N.A.	12.90
70-80	50.41	N.A.	3.60
80-90	12.62	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	1401.54	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	50.46
10-20	145.23
20-30	221.68
30-40	270.37
40-50	282.92
50-60	237.05
60-70	130.79
70-80	50.41
80-90	12.62
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-4-L240-835-CA-DIM-UNV_EMER 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	85	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	56	50	62	55	50	61	54	49	59	53	49	47
6	72	59	51	44	70	58	50	44	56	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-4-L240-835-CA-DIM-UNV_EMER 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	13.6	15.2	13.9	15.5	15.8	11.2	12.8	11.6	13.1	13.4
	3H	15.3	16.7	15.7	17.0	17.4	11.3	12.7	11.7	13.0	13.4
	4H	15.8	17.1	16.2	17.5	17.8	11.4	12.7	11.8	13.1	13.4
	6H	16.1	17.3	16.5	17.7	18.1	11.5	12.7	11.9	13.1	13.5
	8H	16.2	17.3	16.6	17.7	18.1	11.6	12.7	12.0	13.1	13.5
	12H	16.2	17.3	16.6	17.7	18.1	11.6	12.7	12.1	13.1	13.5

UGR Viewed Endwise

4H	2H	13.8	15.1	14.2	15.5	15.9	11.8	13.1	12.2	13.5	13.8
	3H	15.7	16.8	16.1	17.2	17.6	12.0	13.1	12.4	13.5	13.9
	4H	16.3	17.3	16.7	17.7	18.1	12.1	13.1	12.5	13.5	13.9
	6H	16.6	17.5	17.1	17.9	18.4	12.3	13.2	12.8	13.6	14.1
	8H	16.7	17.5	17.2	17.9	18.4	12.4	13.2	12.9	13.6	14.1
	12H	16.7	17.4	17.2	17.9	18.4	12.5	13.2	13.0	13.7	14.2

8H	4H	16.2	17.0	16.7	17.5	17.9	12.3	13.1	12.8	13.5	14.0
	6H	16.6	17.2	17.1	17.7	18.2	12.6	13.2	13.1	13.7	14.2
	8H	16.7	17.3	17.2	17.8	18.3	12.7	13.3	13.2	13.8	14.3
	12H	16.7	17.3	17.3	17.8	18.3	12.9	13.4	13.4	13.9	14.4

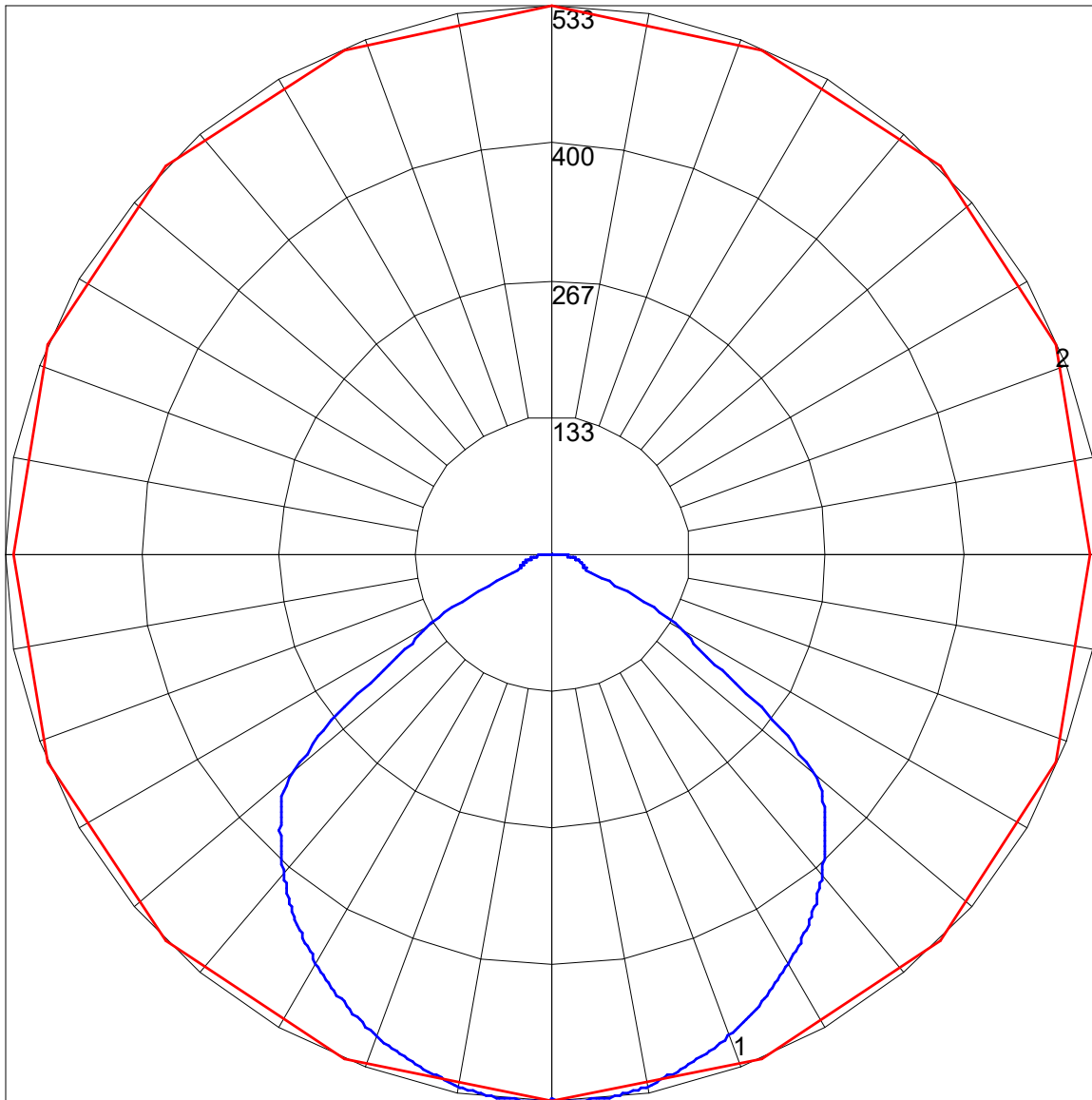
12H	4H	16.2	16.9	16.7	17.4	17.9	12.3	13.0	12.8	13.5	14.0
	6H	16.6	17.2	17.1	17.6	18.2	12.6	13.2	13.1	13.6	14.2
	8H	16.7	17.2	17.2	17.7	18.2	12.8	13.3	13.3	13.8	14.3

Maximum UGR = 18.4

IES INDOOR REPORT

PHOTOMETRIC FILENAME : GS-4-L240-835-CA-DIM-UNV_EMER MODE ONLY_.IES

POLAR GRAPH



Maximum Candela = 533.016 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.)