

IES INDOOR REPORT

PHOTOMETRIC FILENAME : GS-2-L120-835-CA-(L100)-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] GEN FROM 14728072.01
[TESTLAB] UL Verification Services Inc.
[ISSUE DATE] 4/25/2023
[TEST DATE] 3/22/2023
[MANUFAC] H E Williams Inc
[LUMCAT] GS-2-L120-835-CA-(L100)-DIM-UNV
[LUMINAIRE] LED highbay with smooth, clear acrylic sheilding
[LAMP] 224 per board white LEDS

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	10117
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	137
Total Luminaire Watts	73.7
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.32
Spacing Criterion (90-270)	1.30
Spacing Criterion (Diagonal)	1.40
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	1.67 ft
Luminous Width (90-270)	1.24 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	19496	19551	19883
55	18525	18814	14086
65	16076	10549	4242
75	10562	3457	3709
85	2807	2974	3151

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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	3851.249	3851.249	3851.249	3851.249	3851.249
0.5	3888.453	3847.068	3844.560	3850.413	3844.978
1.0	3888.453	3845.396	3843.306	3851.667	3845.814
1.5	3890.125	3847.068	3843.306	3851.249	3847.904
2.0	3888.453	3844.978	3844.560	3851.249	3845.814
2.5	3887.199	3844.560	3842.888	3851.249	3846.232
3.0	3886.781	3842.052	3843.724	3849.994	3848.740
3.5	3884.272	3842.052	3842.052	3849.158	3845.396
4.0	3883.854	3840.798	3842.052	3849.576	3844.978
4.5	3883.018	3838.708	3840.380	3847.904	3842.888
5.0	3878.838	3835.782	3839.126	3846.232	3841.634
5.5	3878.838	3834.946	3838.290	3843.306	3841.216
6.0	3875.494	3833.274	3835.364	3842.888	3837.454
6.5	3871.314	3830.765	3833.692	3839.544	3834.946
7.0	3869.224	3828.257	3830.347	3836.618	3832.856
7.5	3866.297	3825.331	3827.839	3832.856	3829.929
8.0	3861.699	3821.987	3823.241	3829.093	3827.421
8.5	3858.773	3818.225	3819.061	3826.167	3824.077
9.0	3853.757	3814.044	3812.790	3821.569	3820.733
9.5	3850.413	3810.700	3809.446	3816.971	3811.954
10.0	3842.888	3804.848	3805.684	3811.954	3806.102
10.5	3837.454	3801.504	3799.414	3805.684	3799.414
11.0	3833.692	3796.069	3796.488	3799.832	3791.053
11.5	3827.003	3789.381	3791.053	3792.307	3783.947
12.0	3822.405	3784.365	3785.201	3783.947	3772.660
12.5	3814.044	3778.513	3777.258	3775.586	3765.136
13.0	3809.028	3771.824	3771.824	3764.300	3757.193
13.5	3804.012	3765.554	3765.554	3755.939	3749.251
14.0	3794.815	3759.701	3758.447	3747.579	3740.054
14.5	3788.127	3753.013	3749.251	3737.964	3732.948
15.0	3781.857	3745.489	3741.308	3730.858	3725.006
15.5	3771.406	3738.800	3732.112	3722.497	3714.137
16.0	3763.046	3731.276	3722.497	3715.809	3707.449
16.5	3755.939	3722.497	3711.629	3707.031	3701.178
17.0	3748.833	3715.391	3702.432	3698.252	3691.564
17.5	3738.800	3706.612	3691.982	3691.982	3683.203
18.0	3730.858	3699.506	3681.531	3683.621	3676.933
18.5	3723.333	3690.728	3671.499	3674.843	3668.572
19.0	3713.301	3681.949	3661.466	3664.392	3658.540
19.5	3703.686	3671.917	3648.925	3655.614	3649.343
20.0	3694.908	3661.048	3638.893	3646.835	3640.147
20.5	3682.367	3650.597	3629.278	3636.803	3630.950
21.0	3671.499	3640.983	3616.737	3627.188	3618.828
21.5	3661.884	3629.696	3606.287	3616.737	3608.795
22.0	3651.015	3618.410	3594.582	3605.451	3598.344
22.5	3638.475	3606.287	3581.624	3593.328	3584.550
23.0	3626.352	3594.582	3571.173	3581.624	3574.099
23.5	3612.975	3580.369	3559.468	3569.083	3563.649
24.0	3597.508	3566.575	3545.674	3556.542	3550.690
24.5	3583.714	3552.780	3531.879	3542.329	3537.731
25.0	3569.083	3536.059	3518.502	3528.535	3522.682
25.5	3554.452	3521.428	3501.781	3512.232	3508.469
26.0	3536.895	3505.961	3488.404	3496.347	3498.437
26.5	3522.264	3490.494	3472.937	3482.552	3483.806

IES INDOOR REPORT**PHOTOMETRIC FILENAME : GS-2-L120-835-CA-(L100)-DIM-UNV_.IES****CANDELA TABULATION - (Cont.)**

27.0	3505.125	3472.519	3456.635	3466.667	3464.995
27.5	3488.404	3454.962	3441.168	3450.782	3451.618
28.0	3473.774	3437.824	3424.865	3435.315	3436.569
28.5	3455.799	3419.012	3408.562	3419.849	3418.176
29.0	3436.151	3400.619	3392.259	3402.292	3403.128
29.5	3418.176	3381.390	3375.956	3385.989	3387.661
30.0	3399.783	3361.325	3359.235	3369.268	3368.850
30.5	3378.464	3342.932	3341.260	3353.383	3352.547
31.0	3356.309	3321.613	3323.703	3336.662	3333.736
31.5	3335.826	3301.130	3305.310	3318.687	3315.761
32.0	3314.089	3281.065	3286.917	3300.294	3296.950
32.5	3296.114	3260.164	3268.524	3281.483	3279.393
33.0	3273.122	3238.008	3248.041	3261.836	3260.164
33.5	3252.639	3216.271	3227.976	3241.771	3237.590
34.0	3232.992	3193.698	3206.657	3222.542	3219.197
34.5	3210.419	3170.289	3185.755	3202.476	3200.386
35.0	3189.936	3149.805	3163.600	3181.575	3179.067
35.5	3164.854	3125.560	3141.863	3160.256	3157.330
36.0	3139.773	3100.897	3119.290	3137.683	3134.757
36.5	3112.183	3075.397	3095.462	3114.692	3113.437
37.0	3084.594	3049.480	3071.217	3091.282	3090.446
37.5	3056.168	3022.726	3046.554	3067.037	3066.619
38.0	3029.415	2996.391	3021.472	3043.210	3044.046
38.5	3003.079	2969.637	2996.391	3018.546	3019.382
39.0	2977.998	2942.466	2970.892	2994.301	2995.555
39.5	2951.662	2916.130	2944.974	2970.055	2971.728
40.0	2924.909	2889.377	2919.475	2944.974	2946.228
40.5	2897.319	2861.369	2893.557	2920.729	2921.983
41.0	2868.058	2834.198	2868.058	2896.065	2896.483
41.5	2837.960	2806.608	2842.976	2871.402	2870.984
42.0	2808.280	2778.601	2816.641	2847.157	2847.157
42.5	2779.019	2750.593	2791.141	2822.075	2822.493
43.0	2751.429	2723.840	2764.806	2797.412	2798.666
43.5	2725.930	2697.086	2738.053	2773.166	2774.003
44.0	2701.266	2669.915	2711.299	2748.085	2750.175
44.5	2675.767	2643.161	2684.546	2723.840	2726.766
45.0	2649.850	2616.826	2657.374	2698.758	2702.521
45.5	2621.842	2590.072	2630.203	2674.095	2678.693
46.0	2592.162	2562.483	2603.867	2649.014	2654.448
46.5	2563.319	2534.893	2577.114	2624.350	2628.112
47.0	2534.893	2506.886	2550.360	2599.269	2604.703
47.5	2507.722	2478.460	2524.025	2573.351	2578.368
48.0	2481.804	2450.453	2497.271	2547.852	2552.450
48.5	2454.215	2422.445	2470.100	2521.516	2526.951
49.0	2423.281	2393.183	2441.256	2494.763	2498.943
49.5	2391.929	2364.340	2411.994	2468.428	2471.772
50.0	2360.159	2334.660	2382.733	2441.674	2439.166
50.5	2328.390	2303.308	2352.217	2414.084	2393.601
51.0	2297.456	2272.375	2321.701	2386.077	2316.685
51.5	2269.030	2241.859	2292.022	2355.979	2198.384
52.0	2239.351	2211.343	2261.924	2325.046	2074.232
52.5	2205.491	2180.409	2232.662	2286.169	1953.005
53.0	2171.213	2148.640	2202.983	2228.482	1851.425
53.5	2137.771	2116.034	2172.049	2135.263	1773.255
54.0	2105.583	2083.010	2139.443	2012.782	1712.641
54.5	2075.068	2049.568	2106.837	1889.465	1651.610

IES INDOOR REPORT**PHOTOMETRIC FILENAME : GS-2-L120-835-CA-(L100)-DIM-UNV_.IES****CANDELA TABULATION - (Cont.)**

55.0	2042.462	2016.126	2074.232	1781.197	1552.957
55.5	2008.602	1983.102	2042.044	1692.158	1439.672
56.0	1972.652	1950.915	2009.020	1624.857	1336.002
56.5	1936.702	1916.637	1975.996	1568.841	1249.054
57.0	1902.842	1881.941	1942.136	1490.253	1202.653
57.5	1868.564	1847.245	1907.440	1378.223	1174.645
58.0	1832.196	1812.549	1872.744	1270.791	1154.580
58.5	1794.992	1777.435	1835.958	1180.498	1134.933
59.0	1757.788	1741.485	1799.172	1124.065	1113.196
59.5	1722.674	1705.535	1758.206	1093.131	1093.549
60.0	1686.724	1668.749	1705.535	1071.394	1073.902
60.5	1649.520	1632.381	1625.693	1050.911	1047.984
61.0	1612.734	1596.431	1519.933	1030.009	1004.928
61.5	1575.112	1560.063	1412.501	1008.690	946.823
62.0	1536.654	1522.859	1318.027	986.535	859.456
62.5	1499.450	1485.237	1241.947	961.872	744.081
63.0	1460.573	1448.451	1183.842	918.397	639.994
63.5	1422.115	1410.829	1124.483	858.620	573.110
64.0	1383.657	1373.207	1032.936	762.056	505.808
64.5	1346.035	1336.838	936.372	655.461	416.184
65.0	1305.905	1298.798	856.948	568.930	344.577
65.5	1265.775	1259.922	808.457	504.136	311.427
66.0	1226.898	1221.882	780.449	432.236	300.642
66.5	1185.514	1183.424	757.458	347.545	294.706
67.0	1146.220	1144.548	734.049	297.298	288.520
67.5	1106.508	1106.508	710.640	280.870	282.793
68.0	1066.377	1069.722	686.812	274.349	276.564
68.5	1027.083	1030.845	660.895	268.204	270.837
69.0	985.699	991.133	617.002	261.975	264.943
69.5	946.405	952.257	538.832	255.621	259.007
70.0	907.529	913.799	451.883	249.560	253.029
70.5	866.980	876.177	392.398	243.457	246.634
71.0	827.686	837.719	331.033	237.228	240.322
71.5	787.556	799.679	264.651	231.000	233.884
72.0	749.934	760.384	219.002	224.479	227.237
72.5	710.640	713.984	205.082	218.041	220.800
73.0	671.345	658.387	197.934	211.394	213.694
73.5	634.559	597.355	191.371	204.748	206.545
74.0	598.191	533.816	184.766	197.934	199.439
74.5	560.569	472.366	178.329	191.162	191.622
75.0	525.455	422.622	171.975	183.972	184.515
75.5	489.923	371.623	165.663	176.824	176.782
76.0	455.227	322.881	159.225	169.467	169.425
76.5	423.040	289.356	152.871	162.193	161.817
77.0	389.389	267.493	146.392	154.794	154.460
77.5	358.455	248.139	139.954	147.688	147.353
78.0	326.894	225.356	133.517	140.414	139.787
78.5	299.179	198.018	126.870	133.349	132.597
79.0	271.172	159.978	120.474	126.285	125.700
79.5	244.836	128.668	113.911	119.178	118.468
80.0	218.710	103.628	107.432	112.448	111.738
80.5	195.969	89.123	100.785	105.593	104.924
81.0	173.521	82.685	94.515	98.988	98.110
81.5	152.328	76.791	88.245	92.425	91.798
82.0	133.475	71.357	82.100	86.155	85.528
82.5	114.873	66.089	76.080	80.010	79.550

IES INDOOR REPORT**PHOTOMETRIC FILENAME : GS-2-L120-835-CA-(L100)-DIM-UNV_.IES****CANDELA TABULATION - (Cont.)**

83.0	98.110	60.990	70.353	74.157	73.739
83.5	82.518	56.057	64.961	68.389	68.096
84.0	69.601	51.250	59.652	62.996	62.536
84.5	57.186	46.693	54.636	57.771	57.436
85.0	47.028	42.638	49.828	52.964	52.796
85.5	38.082	38.584	45.356	48.282	48.198
86.0	31.101	34.905	41.175	44.060	44.143
86.5	25.708	31.435	37.288	40.172	40.548
87.0	21.612	28.300	33.734	36.535	37.120
87.5	18.518	24.956	30.223	33.442	34.027
88.0	16.136	21.863	27.130	30.139	30.390
88.5	13.628	18.226	23.033	24.538	22.949
89.0	9.991	13.001	15.927	14.464	13.168
89.5	7.650	8.193	6.605	6.354	6.270
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-L120-835-CA-(L100)-DIM-UNV_.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-L120-835-CA-(L100)-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 : GS-2-L120-835-CA-(L100)-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 : GS-2-L120-835-CA-(L100)-DIM-UNV_.IES****ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	1423.67	N.A.	14.10
0-30	3051.12	N.A.	30.20
0-40	5030.67	N.A.	49.70
0-60	8802.76	N.A.	87.00
0-80	10057.98	N.A.	99.40
0-90	10117.09	N.A.	100.00
10-90	9751.02	N.A.	96.40
20-40	3607.00	N.A.	35.70
20-50	5661.3	N.A.	56.00
40-70	4709.87	N.A.	46.60
60-80	1255.21	N.A.	12.40
70-80	317.44	N.A.	3.10
80-90	59.11	N.A.	0.60
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	10117.09	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	366.06
10-20	1057.61
20-30	1627.45
30-40	1979.54
40-50	2054.3
50-60	1717.79
60-70	937.77
70-80	317.44
80-90	59.11
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-L120-835-CA-(L100)-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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	110	106	102	99	107	104	100	97	100	97	94	96	93	91	92	90	89	87
2	101	94	87	82	98	92	86	81	88	83	79	85	81	78	82	79	76	74
3	93	83	75	69	90	81	74	69	78	72	67	76	71	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	50	61	55	50	59	54	49	47
6	72	60	51	45	70	59	51	45	57	50	44	55	49	44	54	48	44	42
7	67	54	46	40	65	53	45	40	52	44	39	50	44	39	49	43	39	37
8	62	49	41	35	61	49	41	35	47	40	35	46	40	35	45	39	35	33
9	58	45	37	32	57	45	37	32	44	37	32	42	36	31	41	36	31	30
10	55	42	34	29	53	41	34	29	40	33	29	39	33	29	38	33	28	27

IES INDOOR REPORT

PHOTOMETRIC FILENAME : GS-2-L120-835-CA-(L100)-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	22.6	24.2	23.0	24.5	24.8	UGR Viewed Endwise			
	3H	24.1	25.5	24.5	25.8	26.2	20.2	21.8	20.6	22.1
	4H	24.5	25.8	24.9	26.1	26.5	20.4	21.8	20.8	22.1
	6H	24.6	25.8	25.0	26.2	26.6	20.5	21.8	20.9	22.1
	8H	24.6	25.8	25.0	26.1	26.5	20.6	21.8	21.0	22.1
	12H	24.6	25.7	25.0	26.1	26.5	20.6	21.7	21.0	22.1

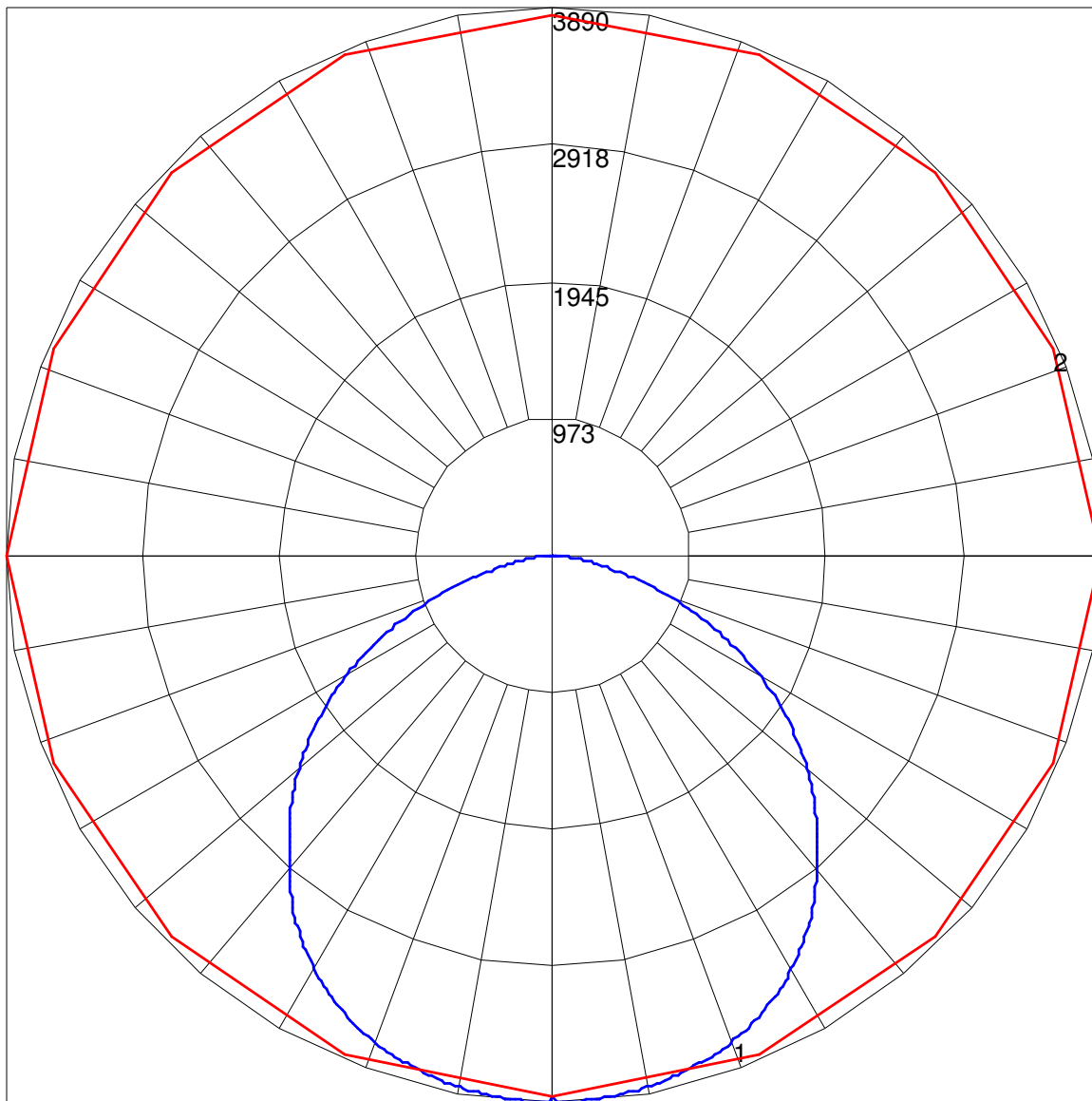
4H	2H	22.8	24.1	23.2	24.4	24.8	20.8	22.1	21.2	22.4	22.8
	3H	24.5	25.5	24.9	25.9	26.3	21.0	22.1	21.4	22.5	22.9
	4H	24.9	25.8	25.3	26.3	26.7	21.1	22.1	21.6	22.5	22.9
	6H	25.1	25.9	25.5	26.3	26.8	21.3	22.1	21.7	22.5	23.0
	8H	25.0	25.8	25.5	26.3	26.7	21.3	22.1	21.7	22.5	23.0
	12H	25.0	25.7	25.5	26.2	26.7	21.3	22.0	21.8	22.5	23.0

8H	4H	24.8	25.6	25.3	26.0	26.5	21.2	22.0	21.7	22.5	22.9
	6H	25.0	25.6	25.5	26.1	26.6	21.4	22.1	21.9	22.6	23.0
	8H	25.0	25.6	25.5	26.1	26.6	21.5	22.1	22.0	22.6	23.1
	12H	25.0	25.5	25.5	26.0	26.6	21.5	22.1	22.1	22.6	23.1

12H	4H	24.8	25.5	25.3	26.0	26.4	21.2	21.9	21.7	22.4	22.9
	6H	25.0	25.5	25.5	26.0	26.6	21.4	22.0	21.9	22.5	23.0
	8H	25.0	25.5	25.5	26.0	26.6	21.5	22.0	22.0	22.5	23.1

Maximum UGR = 26.8

POLAR GRAPH



Maximum Candela = 3890.125 Located At Horizontal Angle = 0, Vertical Angle = 1.5
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (1.5) (Through Max. Cd.)