

IES INDOOR REPORT

PHOTOMETRIC FILENAME : GS-2-L240-840-CA-(L200)-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] GEN FROM 14617179.01
[TESTLAB] UL Verification Services Inc.
[ISSUE DATE] 2026-06-18
[TEST DATE] 1/6/2023
[MANUFAC] H E Williams Inc
[LUMCAT] GS-2-L240-840-CA-(L200)-DIM-UNV
[LUMINAIRE] White aluminum housing, prismatic lense enclosure
[LAMP] 448 White LEDs

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	20009
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	141
Total Luminaire Watts	142
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	39922	41157	41902
55	38211	39749	28591
65	34660	24242	7858
75	28374	7800	7900
85	12440	10692	9957

IES INDOOR REPORT**PHOTOMETRIC FILENAME : GS-2-L240-840-CA-(L200)-DIM-UNV_.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	7584.966	7584.966	7584.966	7584.966	7584.966
0.5	7491.266	7589.731	7606.406	7594.495	7609.583
1.0	7493.648	7590.525	7607.200	7594.495	7608.789
1.5	7496.824	7589.731	7607.994	7592.113	7606.406
2.0	7496.030	7591.319	7606.406	7592.907	7607.200
2.5	7494.442	7589.731	7607.200	7591.319	7604.818
3.0	7493.648	7586.555	7605.612	7592.113	7606.406
3.5	7491.266	7581.790	7604.818	7592.113	7606.406
4.0	7485.707	7579.408	7602.436	7595.289	7607.994
4.5	7478.561	7574.643	7599.260	7596.877	7609.583
5.0	7469.032	7569.085	7596.877	7595.289	7607.200
5.5	7461.885	7564.321	7593.701	7592.907	7604.024
6.0	7456.327	7559.556	7589.731	7587.349	7597.672
6.5	7448.386	7552.409	7585.760	7581.790	7588.937
7.0	7438.063	7544.469	7577.820	7573.849	7578.614
7.5	7429.328	7537.322	7570.673	7563.526	7567.497
8.0	7421.388	7528.587	7560.350	7552.409	7557.174
8.5	7417.417	7519.058	7550.821	7541.292	7549.233
9.0	7411.065	7508.736	7540.498	7530.175	7539.704
9.5	7402.330	7500.795	7531.764	7522.235	7532.558
10.0	7392.801	7493.648	7522.235	7512.706	7523.029
10.5	7384.066	7485.707	7511.118	7500.795	7511.912
11.0	7374.538	7477.767	7498.413	7487.296	7500.001
11.5	7366.597	7469.032	7485.707	7474.590	7481.737
12.0	7351.509	7457.915	7475.385	7457.915	7457.915
12.5	7334.834	7446.798	7461.091	7435.681	7438.857
13.0	7318.159	7434.093	7446.004	7413.447	7418.211
13.5	7300.689	7416.623	7430.917	7394.389	7395.183
14.0	7281.631	7399.948	7415.035	7372.949	7373.743
14.5	7256.221	7383.272	7395.977	7351.509	7355.480
15.0	7237.957	7366.597	7377.714	7330.070	7341.187
15.5	7227.634	7348.333	7356.274	7309.424	7326.893
16.0	7212.547	7327.687	7334.834	7291.160	7309.424
16.5	7196.666	7308.630	7309.424	7272.896	7293.542
17.0	7186.343	7288.778	7287.190	7254.633	7275.279
17.5	7169.667	7269.720	7263.368	7233.987	7257.809
18.0	7150.610	7247.486	7237.957	7214.929	7237.163
18.5	7129.964	7226.046	7215.723	7191.901	7210.165
19.0	7105.347	7205.400	7187.931	7168.079	7184.755
19.5	7078.349	7183.961	7161.727	7145.051	7164.109
20.0	7052.939	7162.521	7136.316	7120.435	7141.875
20.5	7028.323	7139.493	7113.288	7096.613	7119.641
21.0	7004.500	7114.876	7089.466	7074.379	7095.819
21.5	6976.708	7090.260	7064.850	7052.145	7069.614
22.0	6949.710	7065.644	7040.234	7028.323	7043.410
22.5	6926.681	7039.440	7014.029	7003.706	7019.588
23.0	6903.653	7012.441	6984.649	6975.120	6991.001
23.5	6880.625	6982.266	6956.062	6949.710	6965.591
24.0	6852.039	6955.268	6925.093	6924.299	6937.798
24.5	6827.423	6928.270	6893.331	6895.713	6911.594
25.0	6800.424	6894.919	6859.185	6869.508	6881.419
25.5	6769.455	6867.126	6829.011	6840.128	6852.833
26.0	6733.722	6839.334	6799.630	6810.747	6821.070
26.5	6694.813	6802.806	6771.044	6779.778	6790.101

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27.0	6659.080	6767.073	6740.075	6749.604	6759.133
27.5	6624.140	6729.752	6711.488	6719.429	6728.958
28.0	6590.789	6692.431	6680.519	6690.842	6698.783
28.5	6562.203	6655.109	6647.963	6659.874	6666.226
29.0	6530.440	6618.582	6614.612	6623.346	6634.463
29.5	6498.677	6582.055	6581.261	6589.995	6605.877
30.0	6466.914	6541.557	6545.527	6555.056	6572.526
30.5	6435.152	6504.236	6512.970	6519.323	6542.351
31.0	6401.006	6462.944	6480.414	6485.972	6509.000
31.5	6362.891	6422.446	6446.269	6451.827	6475.649
32.0	6323.188	6385.919	6410.535	6416.888	6440.710
32.5	6281.896	6347.010	6376.390	6385.919	6404.183
33.0	6239.016	6308.894	6345.422	6351.774	6370.832
33.5	6197.724	6268.397	6309.688	6316.835	6340.657
34.0	6155.639	6225.517	6270.779	6280.308	6305.718
34.5	6115.935	6183.431	6231.075	6243.780	6269.191
35.0	6079.408	6139.757	6187.401	6208.047	6230.281
35.5	6045.263	6096.083	6137.375	6170.726	6195.342
36.0	6003.971	6049.233	6096.877	6133.405	6158.815
36.5	5961.091	6002.383	6057.968	6094.495	6119.905
37.0	5911.859	5955.533	6015.088	6056.380	6081.790
37.5	5858.656	5909.477	5971.414	6018.264	6041.292
38.0	5807.835	5864.214	5932.505	5978.561	5999.207
38.5	5756.221	5818.158	5895.183	5937.269	5953.150
39.0	5710.959	5772.102	5851.509	5892.801	5910.271
39.5	5668.079	5722.870	5803.071	5845.951	5868.185
40.0	5623.611	5671.255	5754.633	5801.483	5824.511
40.5	5577.555	5619.641	5708.577	5756.221	5783.219
41.0	5534.675	5568.026	5661.726	5706.988	5741.133
41.5	5482.266	5515.617	5611.700	5661.726	5692.695
42.0	5424.299	5464.003	5560.879	5613.288	5643.463
42.5	5361.568	5411.594	5509.265	5564.850	5595.024
43.0	5300.424	5358.391	5460.032	5516.411	5548.174
43.5	5243.251	5302.012	5409.212	5467.179	5502.118
44.0	5192.430	5248.809	5363.156	5419.535	5459.238
44.5	5150.345	5196.401	5313.923	5376.655	5413.182
45.0	5106.671	5140.816	5264.691	5332.187	5359.979
45.5	5059.026	5086.819	5211.488	5278.984	5311.541
46.0	5002.647	5031.234	5151.933	5220.223	5259.132
46.5	4944.680	4973.267	5089.201	5171.785	5209.106
47.0	4883.537	4917.682	5035.998	5121.758	5160.668
47.5	4828.746	4864.479	4982.796	5069.349	5109.053
48.0	4778.719	4812.864	4926.417	5019.323	5055.850
48.5	4729.487	4766.014	4870.832	4970.091	4992.324
49.0	4677.078	4701.695	4818.423	4919.270	4911.329
49.5	4620.699	4633.404	4766.808	4868.449	4817.629
50.0	4550.027	4576.231	4712.811	4813.659	4704.871
50.5	4485.707	4526.205	4654.844	4754.897	4567.496
51.0	4425.358	4466.649	4596.877	4683.431	4409.476
51.5	4372.949	4408.682	4536.528	4596.083	4257.809
52.0	4322.923	4345.951	4479.355	4494.442	4135.522
52.5	4265.750	4285.601	4421.387	4362.626	4019.587
53.0	4199.842	4220.487	4361.832	4211.753	3845.686
53.5	4132.346	4160.138	4304.659	4054.527	3611.435
54.0	4069.614	4105.347	4244.310	3921.917	3343.833
54.5	4017.205	4044.998	4183.166	3807.571	3122.287

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55.0	3964.797	3974.325	4124.405	3664.638	2966.649
55.5	3898.095	3909.212	4064.055	3461.356	2848.333
56.0	3825.834	3856.803	4005.294	3208.047	2733.192
56.5	3765.485	3801.218	3945.739	2972.208	2589.466
57.0	3714.664	3739.280	3883.007	2805.453	2444.151
57.5	3657.491	3670.196	3813.923	2686.342	2323.452
58.0	3591.583	3602.700	3740.074	2589.466	2248.809
58.5	3517.735	3538.380	3649.550	2471.149	2201.959
59.0	3458.179	3475.649	3545.527	2309.159	2163.049
59.5	3400.212	3408.153	3427.211	2174.961	2108.259
60.0	3325.569	3337.480	3287.454	2095.553	2035.204
60.5	3254.103	3277.131	3161.991	2048.703	1942.298
61.0	3189.783	3211.223	3043.674	2009.000	1827.157
61.5	3133.404	3142.933	2906.300	1951.032	1705.665
62.0	3065.908	3070.673	2757.015	1876.390	1584.172
62.5	2982.531	2997.618	2564.055	1778.719	1422.975
63.0	2909.476	2934.886	2346.480	1657.226	1180.784
63.5	2851.509	2872.949	2170.196	1539.704	985.442
64.0	2780.837	2800.688	2050.291	1422.181	869.508
64.5	2713.341	2737.163	1958.973	1247.486	763.182
65.0	2649.815	2672.049	1853.362	1018.793	600.794
65.5	2565.643	2598.200	1720.752	860.773	520.593
66.0	2494.177	2529.910	1609.582	764.293	502.647
66.5	2432.240	2467.973	1542.880	622.155	494.389
67.0	2364.743	2398.889	1490.471	521.387	487.163
67.5	2294.071	2330.598	1435.680	484.939	480.016
68.0	2221.017	2268.661	1365.008	474.934	473.346
68.5	2157.491	2195.606	1264.955	466.993	466.834
69.0	2095.553	2129.698	1150.609	459.608	460.323
69.5	2026.469	2062.202	1052.938	452.700	453.653
70.0	1958.973	1999.471	918.740	446.109	447.062
70.5	1893.859	1928.004	746.586	439.359	440.709
71.0	1836.686	1853.362	635.654	433.086	434.357
71.5	1770.778	1775.543	551.959	426.813	427.210
72.0	1704.870	1692.959	456.194	419.746	420.302
72.5	1639.757	1587.348	408.867	412.996	412.917
73.0	1578.613	1476.972	396.559	406.167	404.897
73.5	1517.470	1382.478	388.380	398.862	396.797
74.0	1456.326	1282.425	380.360	391.001	387.904
74.5	1395.977	1172.843	372.816	382.504	379.090
75.0	1328.481	1033.086	365.193	373.849	369.878
75.5	1266.543	935.416	357.888	364.955	360.270
76.0	1204.606	863.949	350.821	355.744	350.503
76.5	1138.698	785.813	343.197	346.294	340.418
77.0	1072.790	702.912	335.574	336.607	330.413
77.5	1006.088	648.915	327.395	326.840	320.090
78.0	931.445	583.086	318.899	316.755	309.767
78.5	869.508	500.662	309.767	306.194	299.127
79.0	814.717	437.057	300.556	295.871	288.724
79.5	757.861	345.024	291.106	285.548	278.084
80.0	700.450	296.586	281.339	274.907	267.205
80.5	642.959	251.244	271.572	263.949	256.485
81.0	584.595	235.839	261.408	253.070	246.797
81.5	527.025	226.231	250.768	242.350	237.507
82.0	475.172	216.226	239.651	231.472	225.119
82.5	428.878	206.141	228.534	220.672	214.161

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83.0	379.090	196.294	216.702	209.555	203.520
83.5	330.492	186.051	204.950	198.597	192.642
84.0	283.563	175.569	192.800	187.163	181.445
84.5	239.730	164.452	180.889	175.251	169.772
85.0	196.136	153.256	168.581	162.388	156.988
85.5	173.505	141.345	155.400	148.571	143.886
86.0	148.650	129.037	141.503	134.039	129.672
86.5	112.520	116.173	125.940	118.317	115.299
87.0	93.621	102.753	109.423	101.879	99.656
87.5	81.710	88.777	91.795	85.204	82.822
88.0	69.878	73.452	74.166	66.861	63.923
88.5	56.935	56.935	56.220	47.009	43.356
89.0	41.609	41.053	38.274	30.492	28.031
89.5	26.046	27.554	24.616	20.884	20.249
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 : GS-2-L240-840-CA-(L200)-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-L240-840-CA-(L200)-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-L240-840-CA-(L200)-DIM-UNV_.IES****ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	2793.74	N.A.	14.00
0-30	5958.56	N.A.	29.80
0-40	9818.49	N.A.	49.10
0-60	17241.95	N.A.	86.20
0-80	19828.91	N.A.	99.10
0-90	20009.03	N.A.	100.00
10-90	19288.62	N.A.	96.40
20-40	7024.75	N.A.	35.10
20-50	11063.91	N.A.	55.30
40-70	9290.75	N.A.	46.40
60-80	2586.96	N.A.	12.90
70-80	719.67	N.A.	3.60
80-90	180.12	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	20009.03	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	720.42
10-20	2073.32
20-30	3164.83
30-40	3859.93
40-50	4039.16
50-60	3384.3
60-70	1867.28
70-80	719.67
80-90	180.12
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-L240-840-CA-(L200)-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	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-L240-840-CA-(L200)-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	25.2	26.8	25.6	27.1	27.4	22.8	24.4	23.2	24.7	25.0
	3H	26.9	28.3	27.3	28.6	29.0	22.9	24.3	23.3	24.7	25.0
	4H	27.4	28.8	27.8	29.1	29.5	23.0	24.3	23.4	24.7	25.1
	6H	27.7	28.9	28.1	29.3	29.7	23.1	24.4	23.6	24.7	25.1
	8H	27.8	28.9	28.2	29.3	29.7	23.2	24.4	23.6	24.8	25.2
	12H	27.8	28.9	28.2	29.3	29.7	23.3	24.4	23.7	24.8	25.2

UGR Viewed Endwise

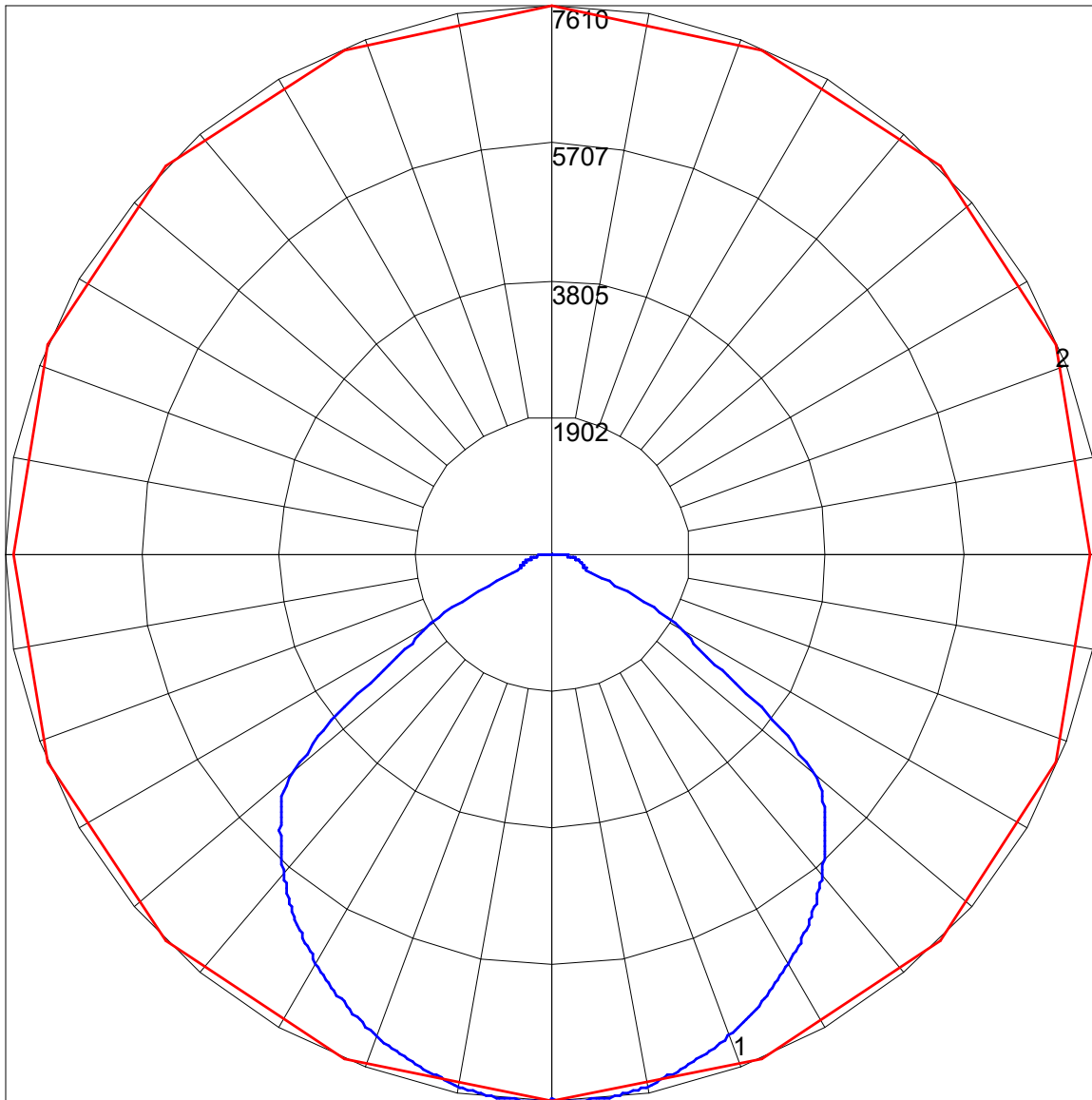
4H	2H	25.5	26.8	25.9	27.1	27.5	23.4	24.8	23.8	25.1	25.5
	3H	27.3	28.4	27.7	28.8	29.2	23.6	24.7	24.0	25.1	25.5
	4H	27.9	28.9	28.3	29.3	29.7	23.8	24.7	24.2	25.1	25.6
	6H	28.3	29.1	28.7	29.5	30.0	24.0	24.8	24.4	25.2	25.7
	8H	28.3	29.1	28.8	29.6	30.0	24.0	24.8	24.5	25.3	25.7
	12H	28.4	29.1	28.9	29.6	30.0	24.1	24.8	24.6	25.3	25.8

8H	4H	27.9	28.7	28.3	29.1	29.6	23.9	24.7	24.4	25.2	25.6
	6H	28.2	28.9	28.7	29.4	29.8	24.2	24.9	24.7	25.3	25.8
	8H	28.3	28.9	28.8	29.4	29.9	24.3	24.9	24.8	25.4	25.9
	12H	28.4	28.9	28.9	29.4	30.0	24.5	25.0	25.0	25.5	26.1

12H	4H	27.8	28.6	28.3	29.0	29.5	24.0	24.7	24.4	25.1	25.6
	6H	28.2	28.8	28.7	29.3	29.8	24.2	24.8	24.7	25.3	25.8
	8H	28.3	28.8	28.8	29.3	29.9	24.4	24.9	24.9	25.4	26.0

Maximum UGR = 30.0

POLAR GRAPH



Maximum Candela = 7609.583 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.)