

IES INDOOR REPORT

PHOTOMETRIC FILENAME : GS-2-L240-940-CA-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] GEN FROM 14617179.01
[TESTLAB] UL Verification Services Inc.
[ISSUE DATE] 2026-06-03
[TEST DATE] 1/6/2023
[MANUFAC] H E Williams Inc
[LUMCAT] GS-2-L240-940-CA-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	20269
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	120
Total Luminaire Watts	169
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	40440	41691	42446
55	38707	40265	28962
65	35109	24557	7960
75	28742	7901	8002
85	12601	10831	10086

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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	7683.371	7683.371	7683.371	7683.371	7683.371
0.5	7588.455	7688.197	7705.089	7693.024	7708.307
1.0	7590.868	7689.002	7705.894	7693.024	7707.502
1.5	7594.086	7688.197	7706.698	7690.611	7705.089
2.0	7593.281	7689.806	7705.089	7691.415	7705.894
2.5	7591.673	7688.197	7705.894	7689.806	7703.480
3.0	7590.868	7684.980	7704.285	7690.611	7705.089
3.5	7588.455	7680.154	7703.480	7690.611	7705.089
4.0	7582.825	7677.741	7701.067	7693.828	7706.698
4.5	7575.585	7672.914	7697.850	7695.437	7708.307
5.0	7565.933	7667.284	7695.437	7693.828	7705.894
5.5	7558.693	7662.457	7692.219	7691.415	7702.676
6.0	7553.063	7657.631	7688.197	7685.784	7696.241
6.5	7545.019	7650.392	7684.176	7680.154	7687.393
7.0	7534.562	7642.348	7676.132	7672.110	7676.936
7.5	7525.714	7635.109	7668.892	7661.653	7665.675
8.0	7517.670	7626.261	7658.436	7650.392	7655.218
8.5	7513.648	7616.608	7648.783	7639.131	7647.174
9.0	7507.213	7606.151	7638.326	7627.869	7637.522
9.5	7498.365	7598.108	7629.478	7619.826	7630.283
10.0	7488.713	7590.868	7619.826	7610.173	7620.630
10.5	7479.865	7582.825	7608.564	7598.108	7609.369
11.0	7470.212	7574.781	7595.694	7584.433	7597.303
11.5	7462.169	7565.933	7582.825	7571.563	7578.803
12.0	7446.885	7554.671	7572.368	7554.671	7554.671
12.5	7429.994	7543.410	7557.889	7532.149	7535.367
13.0	7413.102	7530.540	7542.606	7509.627	7514.453
13.5	7395.406	7512.844	7527.323	7490.322	7491.126
14.0	7376.101	7495.952	7511.235	7468.604	7469.408
14.5	7350.361	7479.060	7491.930	7446.885	7450.907
15.0	7331.860	7462.169	7473.430	7425.167	7436.429
15.5	7321.403	7443.668	7451.712	7404.254	7421.950
16.0	7306.120	7422.754	7429.994	7385.753	7404.254
16.5	7290.033	7403.449	7404.254	7367.253	7388.166
17.0	7279.576	7383.340	7381.731	7348.752	7369.666
17.5	7262.684	7364.035	7357.600	7327.838	7351.969
18.0	7243.379	7341.513	7331.860	7308.533	7331.056
18.5	7222.465	7319.795	7309.338	7285.206	7303.707
19.0	7197.530	7298.881	7281.185	7261.075	7277.967
19.5	7170.181	7277.163	7254.640	7237.748	7257.053
20.0	7144.441	7255.445	7228.900	7212.813	7234.531
20.5	7119.506	7232.118	7205.574	7188.682	7212.009
21.0	7095.374	7207.182	7181.442	7166.159	7187.877
21.5	7067.221	7182.247	7156.507	7143.637	7161.333
22.0	7039.873	7157.311	7131.571	7119.506	7134.789
22.5	7016.546	7130.767	7105.027	7094.570	7110.658
23.0	6993.219	7103.418	7075.265	7065.613	7081.700
23.5	6969.892	7072.852	7046.308	7039.873	7055.960
24.0	6940.935	7045.503	7014.937	7014.133	7027.807
24.5	6915.999	7018.155	6982.762	6985.175	7001.263
25.0	6888.651	6984.371	6948.174	6958.631	6970.697
25.5	6857.280	6956.218	6917.608	6928.869	6941.739
26.0	6821.083	6928.065	6887.846	6899.107	6909.564
26.5	6781.669	6891.064	6858.889	6867.737	6878.194

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CANDELA TABULATION - (Cont.)

27.0	6745.472	6854.867	6827.518	6837.171	6846.823
27.5	6710.080	6817.061	6798.561	6806.605	6816.257
28.0	6676.296	6779.256	6767.190	6777.647	6785.691
28.5	6647.339	6741.450	6734.211	6746.277	6752.712
29.0	6615.164	6704.449	6700.427	6709.275	6720.537
29.5	6582.989	6667.448	6666.644	6675.492	6691.579
30.0	6550.814	6626.425	6630.447	6640.099	6657.796
30.5	6518.639	6588.619	6597.468	6603.903	6627.229
31.0	6484.051	6546.792	6564.488	6570.119	6593.446
31.5	6445.441	6505.769	6529.900	6535.531	6559.662
32.0	6405.222	6468.768	6493.703	6500.138	6524.270
32.5	6363.395	6429.354	6459.115	6468.768	6487.268
33.0	6319.959	6390.744	6427.745	6434.180	6453.485
33.5	6278.131	6349.721	6391.548	6398.787	6422.919
34.0	6235.500	6306.285	6352.134	6361.786	6387.526
34.5	6195.281	6263.653	6311.915	6324.785	6350.525
35.0	6158.280	6219.412	6267.675	6288.588	6311.111
35.5	6123.692	6175.172	6216.999	6250.783	6275.718
36.0	6081.864	6127.714	6175.976	6212.977	6238.717
36.5	6038.428	6080.256	6136.562	6173.563	6199.303
37.0	5988.557	6032.798	6093.126	6134.953	6160.693
37.5	5934.664	5986.144	6048.885	6096.343	6119.670
38.0	5883.184	5940.295	6009.471	6056.125	6077.038
38.5	5830.900	5893.641	5971.665	6014.297	6030.385
39.0	5785.051	5846.988	5927.425	5969.252	5986.948
39.5	5741.615	5797.116	5878.358	5921.794	5944.317
40.0	5696.570	5744.832	5829.291	5876.749	5900.076
40.5	5649.916	5692.548	5782.638	5830.900	5858.249
41.0	5606.480	5640.264	5735.180	5781.029	5815.617
41.5	5553.391	5587.175	5684.504	5735.180	5766.550
42.0	5494.672	5534.891	5633.024	5686.113	5716.679
42.5	5431.127	5481.802	5580.740	5637.046	5667.612
43.0	5369.190	5427.909	5530.869	5587.979	5620.154
43.5	5311.275	5370.799	5479.389	5538.108	5573.501
44.0	5259.795	5316.906	5432.735	5489.846	5530.065
44.5	5217.163	5263.817	5382.864	5446.410	5483.411
45.0	5172.923	5207.511	5332.993	5401.365	5429.518
45.5	5124.661	5152.814	5279.100	5347.472	5380.451
46.0	5067.550	5096.507	5218.772	5287.948	5327.363
46.5	5008.831	5037.788	5155.227	5238.882	5276.687
47.0	4946.894	4981.482	5101.334	5188.206	5227.620
47.5	4891.392	4927.589	5047.441	5135.117	5175.336
48.0	4840.717	4875.305	4990.330	5084.442	5121.443
48.5	4790.846	4827.847	4934.024	5034.571	5057.093
49.0	4737.757	4762.693	4880.936	4983.091	4975.047
49.5	4680.647	4693.517	4828.651	4931.611	4880.131
50.0	4609.057	4635.602	4773.954	4876.109	4765.910
50.5	4543.903	4584.926	4715.235	4816.586	4626.754
51.0	4482.771	4524.598	4656.515	4744.192	4466.683
51.5	4429.682	4465.879	4595.383	4655.711	4313.048
52.0	4379.007	4402.334	4537.468	4552.751	4189.175
52.5	4321.092	4341.201	4478.749	4419.225	4071.736
53.0	4254.329	4275.243	4418.421	4266.395	3895.579
53.5	4185.957	4214.110	4360.506	4107.129	3658.289
54.0	4122.412	4158.609	4299.374	3972.798	3387.215
54.5	4069.323	4097.476	4237.437	3856.969	3162.795

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55.0	4016.235	4025.887	4177.913	3712.182	3005.138
55.5	3948.667	3959.928	4116.781	3506.262	2885.286
56.0	3875.469	3906.840	4057.258	3249.667	2768.652
56.5	3814.337	3850.534	3996.930	3010.768	2623.060
57.0	3762.857	3787.793	3933.384	2841.850	2475.860
57.5	3704.942	3717.812	3863.404	2721.194	2353.595
58.0	3638.179	3649.440	3788.597	2623.060	2277.984
58.5	3563.373	3584.286	3696.898	2503.209	2230.526
59.0	3503.045	3520.741	3591.526	2339.117	2191.112
59.5	3444.325	3452.369	3471.674	2203.178	2135.610
60.0	3368.714	3380.780	3330.104	2122.740	2061.608
60.5	3296.321	3319.647	3203.013	2075.282	1967.496
61.0	3231.166	3252.885	3083.162	2035.064	1850.862
61.5	3174.056	3183.708	2944.005	1976.345	1727.793
62.0	3105.684	3110.510	2792.783	1900.733	1604.724
62.5	3021.225	3036.508	2597.321	1801.796	1441.436
63.0	2947.223	2972.963	2376.922	1678.727	1196.103
63.5	2888.504	2910.222	2198.351	1559.679	998.227
64.0	2816.914	2837.024	2076.891	1440.632	880.788
64.5	2748.543	2772.674	1984.388	1263.670	773.083
65.0	2684.193	2706.715	1877.407	1032.011	608.589
65.5	2598.929	2631.909	1743.076	871.940	527.347
66.0	2526.536	2562.732	1630.464	774.209	509.168
66.5	2463.795	2499.991	1562.897	630.226	500.803
67.0	2395.423	2430.011	1509.808	528.151	493.483
67.5	2323.834	2360.835	1454.306	491.231	486.243
68.0	2249.831	2298.094	1382.717	481.096	479.487
68.5	2185.482	2224.091	1281.366	473.052	472.891
69.0	2122.740	2157.328	1165.537	465.571	466.295
69.5	2052.760	2088.957	1066.599	458.573	459.538
70.0	1984.388	2025.411	930.660	451.897	452.862
70.5	1918.430	1953.018	756.272	445.060	446.427
71.0	1860.515	1877.407	643.901	438.705	439.992
71.5	1793.752	1798.578	559.120	432.351	432.753
72.0	1726.989	1714.923	462.112	425.192	425.755
72.5	1661.030	1607.942	414.172	418.354	418.274
73.0	1599.094	1496.134	401.704	411.437	410.150
73.5	1537.157	1400.413	393.419	404.037	401.945
74.0	1475.220	1299.062	385.295	396.073	392.936
74.5	1414.088	1188.059	377.653	387.466	384.008
75.0	1345.716	1046.489	369.931	378.699	374.677
75.5	1282.975	947.551	362.531	369.690	364.944
76.0	1220.234	875.158	355.372	360.359	355.050
76.5	1153.471	796.008	347.650	350.787	344.835
77.0	1086.708	712.031	339.928	340.974	334.700
77.5	1019.141	657.334	331.643	331.080	324.243
78.0	943.530	590.651	323.036	320.864	313.786
78.5	880.788	507.157	313.786	310.166	303.007
79.0	825.287	442.727	304.455	299.709	292.470
79.5	767.694	349.500	294.883	289.253	281.691
80.0	709.537	300.433	284.989	278.474	270.672
80.5	651.301	254.504	275.096	267.374	259.812
81.0	592.179	238.899	264.800	256.354	249.999
81.5	533.862	229.166	254.021	245.495	240.588
82.0	481.337	219.031	242.760	234.475	228.040
82.5	434.442	208.815	231.499	223.535	216.939

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CANDELA TABULATION - (Cont.)

83.0	384.008	198.841	219.513	212.274	206.161
83.5	334.780	188.465	207.609	201.174	195.141
84.0	287.242	177.847	195.302	189.591	183.799
84.5	242.840	166.586	183.236	177.525	171.975
85.0	198.680	155.244	170.768	164.494	159.025
85.5	175.756	143.178	157.416	150.498	145.752
86.0	150.579	130.711	143.339	135.778	131.354
86.5	113.980	117.680	127.574	119.852	116.795
87.0	94.836	104.086	110.843	103.201	100.949
87.5	82.770	89.929	92.986	86.309	83.896
88.0	70.785	74.405	75.128	67.728	64.752
88.5	57.674	57.674	56.950	47.619	43.919
89.0	42.149	41.586	38.771	30.888	28.394
89.5	26.383	27.912	24.936	21.155	20.512
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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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-L240-940-CA-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
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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-L240-940-CA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	2829.98	N.A.	14.00
0-30	6035.87	N.A.	29.80
0-40	9945.87	N.A.	49.10
0-60	17465.65	N.A.	86.20
0-80	20086.17	N.A.	99.10
0-90	20268.63	N.A.	100.00
10-90	19538.86	N.A.	96.40
20-40	7115.89	N.A.	35.10
20-50	11207.45	N.A.	55.30
40-70	9411.28	N.A.	46.40
60-80	2620.52	N.A.	12.90
70-80	729.01	N.A.	3.60
80-90	182.46	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	20268.63	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	729.77
10-20	2100.22
20-30	3205.89
30-40	3910.00
40-50	4091.56
50-60	3428.21
60-70	1891.51
70-80	729.01
80-90	182.46
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-L240-940-CA-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	56	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-L240-940-CA-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	25.3	26.9	25.7	27.2	27.5	UGR Viewed Endwise			
	3H	27.0	28.4	27.4	28.7	29.1	22.9	24.5	23.3	24.8
	4H	27.5	28.9	27.9	29.2	29.6	23.0	24.4	23.4	24.8
	6H	27.8	29.0	28.2	29.4	29.8	23.1	24.4	23.5	24.8
	8H	27.9	29.0	28.3	29.4	29.8	23.2	24.5	23.7	24.8
	12H	27.9	29.0	28.3	29.4	29.8	23.3	24.5	23.7	24.9

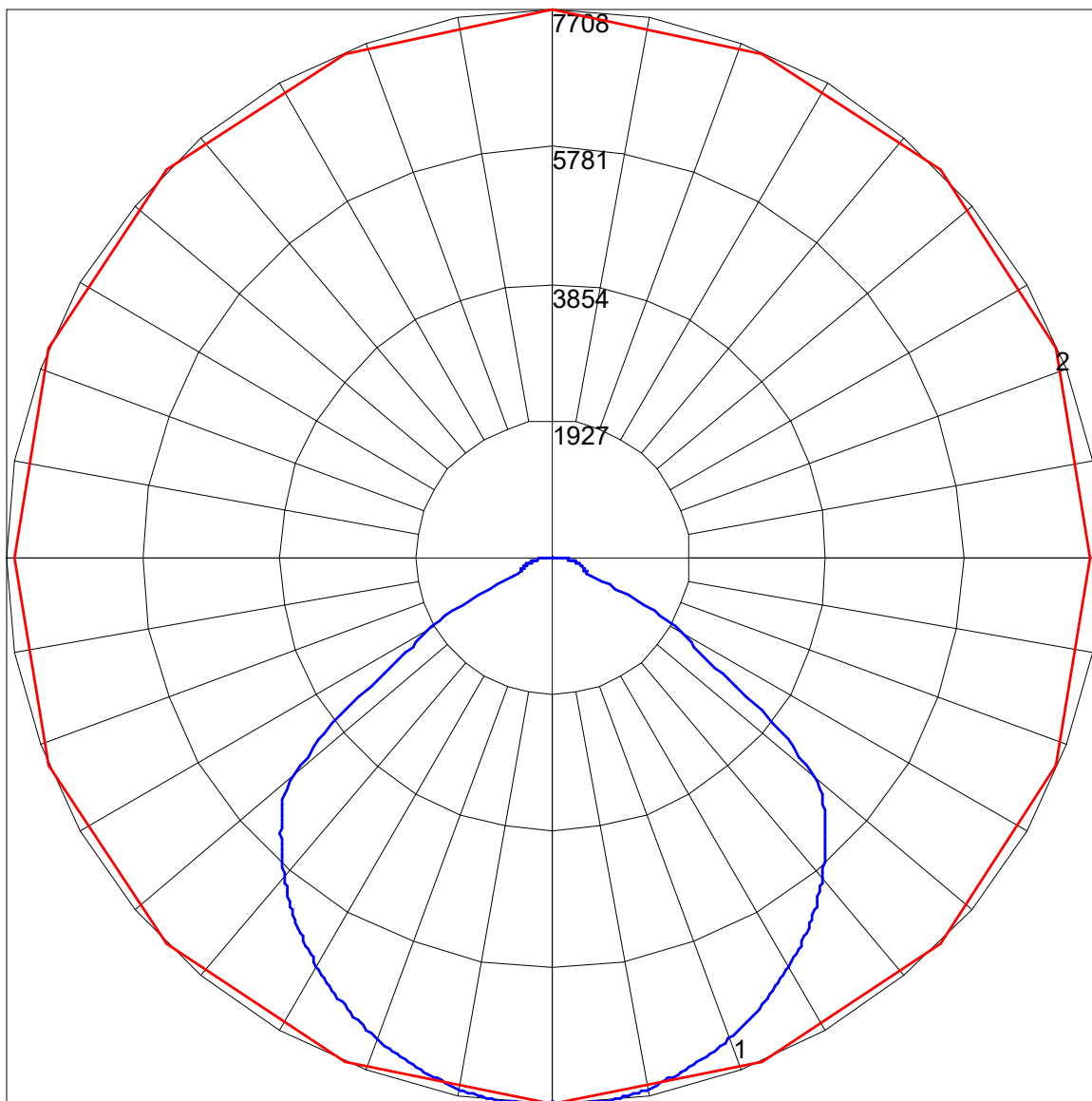
4H	2H	25.6	26.9	26.0	27.2	27.6	23.4	24.5	23.8	24.9
	3H	27.4	28.5	27.8	28.9	29.3	23.5	24.9	23.9	25.2
	4H	28.0	29.0	28.4	29.4	29.8	23.7	24.8	24.1	25.2
	6H	28.4	29.2	28.8	29.6	30.1	23.9	24.8	24.3	25.2
	8H	28.4	29.2	28.9	29.7	30.1	24.0	24.9	24.5	25.3
	12H	28.5	29.2	29.0	29.7	30.1	24.1	24.9	24.6	25.4

8H	4H	28.0	28.8	28.4	29.2	29.7	24.2	24.9	24.7	25.4
	6H	28.3	29.0	28.8	29.5	29.9	24.3	24.8	24.5	25.3
	8H	28.4	29.0	28.9	29.5	30.0	24.4	25.0	24.8	25.4
	12H	28.5	29.0	29.0	29.5	30.1	24.6	25.1	24.9	25.5

12H	4H	27.9	28.7	28.4	29.1	29.6	24.7	25.1	25.1	25.6
	6H	28.3	28.9	28.8	29.4	29.9	24.1	24.8	24.5	25.2
	8H	28.4	28.9	28.9	29.4	30.0	24.3	24.9	24.8	25.4

Maximum UGR = 30.1

POLAR GRAPH



Maximum Candela = 7708.307 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.)