



IES INDOOR REPORT

PHOTOMETRIC FILENAME : GU10_120VACDC_6.5W.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST]

[TESTLAB] EVERFINE

[TESTDATE] 2022-05-07

[ISSUEDATE] 2022-07-15 10:07:37

[NEARFIELD]

[LAMPPOSITION] 0,0

[OTHER] EVERFINE GO-2000B_V1 SYSTEM

[MANUFAC] SATCO S9384

[LUMINAIRE] JLMR16-DIM-6.5-GU10-FL 4000K

CHARACTERISTICS

Lumens Per Lamp	553.75 (1 lamp)
Total Lamp Lumens	553.75
Luminaire Lumens	554
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	92
Total Luminaire Watts	6
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	0.72
Spacing Criterion (90-270)	0.64
Spacing Criterion (Diagonal)	0.64
Basic Luminous Shape	Circular
Luminous Length (0-180)	0.50 m (Diameter)
Luminous Width (90-270)	0.50 m (Diameter)
Luminous Height	0.00 m

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	426	413	382
55	282	273	257
65	245	239	229
75	260	249	232
85	374	341	273

IES INDOOR REPORT
PHOTOMETRIC FILENAME : GU10_120VACDC_6.5W.IES

CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>	<u>112.5</u>	<u>135.0</u>	<u>157.5</u>	<u>180.0</u>	<u>202.5</u>
0	918.034	918.034	918.034	918.034	918.034	918.034	918.034	918.034	918.034	918.034
1	917.100	912.370	908.130	907.040	919.100	918.820	920.990	920.290	917.390	908.620
2	913.420	908.910	901.640	898.890	912.680	913.790	918.360	916.130	912.010	898.200
3	908.270	903.480	894.010	888.040	904.660	906.060	912.160	906.690	898.990	881.750
4	903.580	897.460	885.650	875.460	895.160	894.760	901.730	889.750	878.590	858.900
5	899.770	893.050	878.880	861.170	884.550	879.190	884.530	864.760	851.060	830.940
6	898.140	890.600	872.470	845.390	871.830	858.680	859.830	833.300	817.880	797.260
7	896.780	889.490	864.970	828.500	856.260	833.480	829.380	797.760	780.040	755.960
8	894.460	887.630	853.570	809.070	835.940	804.340	796.080	759.000	738.840	708.980
9	890.050	883.670	838.590	785.290	810.410	773.200	760.360	717.040	691.140	660.600
10	883.060	877.610	819.310	759.290	780.470	739.250	723.150	673.590	643.440	612.090
11	870.080	867.590	796.450	731.830	749.180	705.020	684.280	628.910	595.760	565.890
12	849.720	852.520	769.770	702.980	716.160	670.540	645.410	585.560	549.460	522.530
13	822.340	831.040	740.620	670.200	681.330	636.440	606.560	544.410	505.520	482.610
14	790.740	802.910	708.390	637.400	646.490	602.450	569.640	505.370	464.880	444.060
15	754.830	769.260	672.480	604.030	611.640	569.320	534.010	467.560	427.780	408.090
16	714.230	731.520	633.220	569.410	576.140	535.930	500.150	432.780	393.410	375.770
17	669.590	686.730	591.870	534.580	540.910	502.310	466.860	400.260	361.270	350.080
18	623.800	641.950	550.380	500.320	506.670	468.700	435.060	370.430	333.700	324.460
19	576.780	597.160	509.490	469.270	474.560	435.570	404.520	345.330	309.690	298.830
20	530.590	551.570	470.440	438.770	442.430	403.430	376.140	320.280	287.980	278.440
21	487.220	507.500	433.720	408.190	410.780	373.250	349.370	295.220	268.200	259.360
22	446.560	466.070	399.340	378.210	380.140	346.920	323.520	274.750	250.210	240.380
23	408.850	427.510	368.280	349.680	351.870	320.630	299.620	256.400	234.290	222.040
24	375.310	392.970	340.860	324.380	324.840	294.340	277.910	240.130	219.190	204.450
25	348.470	361.670	313.490	302.050	299.490	272.430	257.920	225.410	204.240	187.260
26	321.700	334.130	291.470	281.490	276.260	252.890	240.040	211.910	189.350	170.200
27	294.930	310.010	272.220	261.630	256.190	235.730	223.850	199.240	174.750	154.000
28	274.800	288.720	255.180	243.680	237.740	220.620	209.470	187.190	160.190	138.140
29	256.600	268.890	239.750	228.080	221.070	206.640	196.430	175.650	145.620	122.890
30	240.440	250.970	225.750	215.540	205.920	192.820	184.510	164.610	131.650	108.690
31	225.750	234.520	212.910	203.780	192.500	179.040	173.370	153.480	118.550	96.470
32	211.730	218.520	200.270	192.880	180.330	164.710	162.530	142.020	106.530	86.120
33	197.650	202.290	187.330	182.640	168.550	150.040	151.020	130.040	95.480	77.580
34	183.770	185.730	174.240	173.350	156.560	135.070	138.550	118.080	85.700	70.590
35	169.240	169.510	160.690	163.550	144.610	120.100	125.690	106.050	77.280	64.600
36	154.370	153.360	146.720	152.500	132.340	105.900	113.080	95.120	70.360	59.580
37	138.670	136.890	132.800	140.080	119.730	93.460	100.930	85.280	64.340	55.330
38	124.370	120.960	119.280	127.350	107.250	83.000	89.820	76.790	59.130	51.760
39	110.710	106.960	106.380	114.760	95.680	74.310	80.230	69.240	54.600	48.650
40	98.350	94.740	94.770	102.730	85.680	66.840	72.300	62.830	50.920	45.760
41	87.500	84.480	84.850	91.520	77.030	60.720	65.450	57.460	47.710	43.180
42	78.460	75.880	76.310	81.840	69.440	55.690	59.530	52.990	44.790	40.890
43	70.840	69.050	68.840	73.670	62.940	51.480	54.430	49.050	42.180	38.840
44	64.470	63.540	62.590	66.420	57.620	47.810	50.250	45.620	39.940	36.920
45	59.230	58.730	57.400	60.060	53.010	44.630	46.670	42.780	37.870	35.180
46	54.920	54.510	53.080	54.620	48.890	41.920	43.600	40.250	35.900	33.570
47	51.050	50.870	49.220	50.300	45.280	39.540	40.790	37.940	34.090	32.110
48	47.640	47.830	45.830	46.460	42.210	37.360	38.390	35.820	32.450	30.720
49	44.660	45.010	42.890	43.100	39.590	35.400	36.290	33.950	31.010	29.440
50	42.090	42.380	40.360	40.080	37.280	33.670	34.430	32.330	29.680	28.260
51	39.750	39.890	38.070	37.460	35.220	32.170	32.730	30.820	28.420	27.180
52	37.410	37.680	35.950	35.280	33.320	30.760	31.210	29.350	27.200	26.130
53	35.250	35.660	34.000	33.400	31.720	29.460	29.820	27.970	26.060	25.100

IES INDOOR REPORT
PHOTOMETRIC FILENAME : GU10_120VACDC_6.5W.IES

CANDELA TABULATION - (Cont.)

54	33.390	33.800	32.280	31.680	30.270	28.220	28.500	26.720	24.940	24.040
55	31.780	32.160	30.730	30.150	28.940	27.080	27.230	25.510	23.810	23.010
56	30.350	30.670	29.350	28.690	27.690	26.000	26.010	24.330	22.720	22.000
57	29.020	29.270	28.030	27.390	26.480	24.920	24.840	23.180	21.700	21.070
58	27.710	28.070	26.760	26.170	25.330	23.880	23.740	22.170	20.760	20.240
59	26.460	26.910	25.580	25.000	24.250	22.890	22.740	21.220	19.920	19.390
60	25.310	25.790	24.470	23.920	23.220	21.990	21.840	20.380	19.120	18.600
61	24.220	24.740	23.440	22.880	22.250	21.120	20.960	19.590	18.370	17.860
62	23.170	23.670	22.400	21.930	21.380	20.310	20.170	18.810	17.650	17.150
63	22.200	22.630	21.470	21.110	20.550	19.530	19.360	18.090	16.940	16.440
64	21.240	21.650	20.620	20.300	19.780	18.760	18.640	17.390	16.290	15.760
65	20.340	20.780	19.830	19.500	19.030	18.070	17.880	16.670	15.620	15.050
66	19.520	19.930	19.070	18.710	18.280	17.350	17.130	15.930	14.870	14.340
67	18.750	19.140	18.300	17.920	17.500	16.650	16.400	15.160	14.130	13.620
68	18.050	18.390	17.560	17.150	16.780	15.910	15.670	14.390	13.470	12.870
69	17.360	17.690	16.860	16.430	16.040	15.210	14.920	13.650	12.730	12.160
70	16.670	17.010	16.160	15.700	15.260	14.480	14.190	12.940	12.010	11.440
71	15.990	16.290	15.420	14.970	14.620	13.780	13.450	12.230	11.290	10.750
72	15.310	15.560	14.710	14.230	13.920	13.040	12.770	11.510	10.630	10.050
73	14.630	14.850	14.000	13.520	13.200	12.290	12.020	10.770	9.910	9.360
74	13.940	14.140	13.340	12.830	12.500	11.540	11.260	10.030	9.210	8.680
75	13.230	13.490	12.660	12.130	11.770	10.810	10.500	9.310	8.510	8.010
76	12.570	12.820	11.960	11.380	11.010	10.040	9.760	8.600	7.840	7.350
77	11.910	12.110	11.270	10.650	10.250	9.300	8.990	7.880	7.160	6.700
78	11.200	11.430	10.600	9.920	9.500	8.580	8.230	7.170	6.520	6.070
79	10.510	10.740	9.910	9.230	8.790	7.880	7.540	6.500	5.860	5.450
80	9.780	10.060	9.210	8.480	8.110	7.180	6.880	5.860	5.220	4.840
81	9.110	9.370	8.470	7.790	7.420	6.500	6.170	5.180	4.580	4.220
82	8.400	8.690	7.810	7.100	6.730	5.830	5.520	4.510	3.970	3.620
83	7.720	8.000	7.170	6.420	6.020	5.170	4.810	3.880	3.360	3.090
84	7.050	7.290	6.500	5.750	5.340	4.500	4.140	3.290	2.780	2.570
85	6.410	6.670	5.830	5.070	4.680	3.870	3.520	2.730	2.300	2.110
86	5.760	6.020	5.200	4.440	4.060	3.280	2.950	2.240	1.880	1.790
87	5.120	5.400	4.580	3.830	3.460	2.730	2.430	1.840	1.590	1.610
88	4.520	4.770	3.970	3.270	2.880	2.250	1.960	1.660	1.430	1.420
89	3.900	4.170	3.370	2.690	2.350	1.820	1.590	1.470	1.200	1.260
90	3.340	3.570	2.820	2.230	1.890	1.590	1.420	1.300	1.040	1.050
91	2.830	3.020	2.370	1.760	1.580	1.440	1.250	1.110	0.840	0.910
92	2.360	2.550	1.970	1.560	1.440	1.260	1.070	0.930	0.680	0.750
93	1.930	2.090	1.680	1.360	1.250	1.090	1.070	0.780	0.530	0.580
94	1.710	1.710	1.500	1.190	1.060	0.950	0.790	0.650	0.460	0.440
95	1.530	1.520	1.310	0.990	0.890	0.790	0.650	0.500	0.280	0.310
96	1.330	1.340	1.110	0.860	0.740	0.670	0.470	0.360	0.130	0.190
97	1.120	1.110	0.940	0.650	0.620	0.550	0.320	0.240	0.000	0.070
98	0.950	0.900	0.790	0.510	0.460	0.410	0.300	0.120	0.000	0.000
99	0.820	0.750	0.660	0.490	0.320	0.300	0.130	0.030	0.000	0.000
100	0.680	0.620	0.550	0.290	0.240	0.200	0.010	0.000	0.000	0.000
101	0.560	0.470	0.410	0.140	0.100	0.100	0.000	0.000	0.000	0.000
102	0.430	0.350	0.280	0.110	0.000	0.020	0.000	0.000	0.000	0.000
103	0.310	0.260	0.180	0.000	0.000	0.000	0.000	0.000	0.000	0.000
104	0.190	0.120	0.080	0.000	0.000	0.000	0.000	0.000	0.000	0.000
105	0.090	0.070	0.020	0.000	0.000	0.000	0.000	0.000	0.000	0.000
106	0.010	0.000	0.000	0.000	0.000	0.000	0.010	0.000	0.020	0.000
107	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.020	0.000
108	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.000	0.030	0.000
109	0.000	0.000	0.000	0.000	0.000	0.000	0.020	0.000	0.060	0.000

IES INDOOR REPORT
PHOTOMETRIC FILENAME : GU10_120VACDC_6.5W.IES

CANDELA TABULATION - (Cont.)

110	0.000	0.000	0.000	0.000	0.020	0.000	0.040	0.000	0.060	0.000
111	0.000	0.000	0.000	0.000	0.030	0.000	0.060	0.000	0.080	0.000
112	0.000	0.000	0.000	0.000	0.040	0.000	0.080	0.000	0.090	0.000
113	0.000	0.000	0.000	0.000	0.060	0.000	0.090	0.000	0.100	0.000
114	0.000	0.000	0.000	0.000	0.070	0.000	0.110	0.020	0.120	0.010
115	0.000	0.000	0.000	0.010	0.080	0.000	0.120	0.090	0.160	0.030
116	0.000	0.000	0.000	0.030	0.100	0.000	0.150	0.120	0.170	0.080
117	0.000	0.000	0.000	0.030	0.120	0.140	0.170	0.130	0.180	0.130
118	0.000	0.000	0.000	0.040	0.130	0.150	0.190	0.140	0.200	0.140
119	0.000	0.020	0.000	0.040	0.160	0.160	0.200	0.150	0.250	0.160
120	0.000	0.030	0.000	0.070	0.170	0.170	0.230	0.160	0.270	0.160
121	0.000	0.030	0.000	0.090	0.200	0.180	0.260	0.170	0.310	0.280
122	0.000	0.040	0.000	0.100	0.220	0.190	0.290	0.210	0.320	0.310
123	0.000	0.060	0.000	0.120	0.250	0.200	0.310	0.290	0.380	0.340
124	0.000	0.040	0.000	0.150	0.280	0.210	0.360	0.290	0.400	0.370
125	0.000	0.050	0.000	0.180	0.310	0.270	0.360	0.300	0.440	0.400
126	0.000	0.100	0.000	0.190	0.360	0.300	0.400	0.350	0.480	0.440
127	0.150	0.120	0.090	0.210	0.390	0.320	0.450	0.390	0.540	0.470
128	0.180	0.150	0.110	0.230	0.410	0.350	0.500	0.460	0.580	0.490
129	0.200	0.170	0.120	0.270	0.460	0.450	0.540	0.480	0.630	0.510
130	0.220	0.180	0.120	0.290	0.500	0.490	0.580	0.510	0.680	0.600
131	0.240	0.210	0.130	0.340	0.540	0.490	0.650	0.590	0.740	0.660
132	0.260	0.250	0.170	0.370	0.590	0.520	0.700	0.640	0.780	0.680
133	0.280	0.270	0.200	0.400	0.640	0.590	0.740	0.690	0.850	0.780
134	0.300	0.290	0.300	0.440	0.690	0.660	0.800	0.780	0.940	0.830
135	0.310	0.350	0.290	0.460	0.740	0.730	0.870	0.840	0.990	0.960
136	0.330	0.380	0.300	0.510	0.800	0.790	0.930	0.890	1.070	1.030
137	0.350	0.410	0.370	0.570	0.860	0.860	0.990	1.010	1.150	1.060
138	0.370	0.450	0.490	0.610	0.930	1.000	1.070	1.060	1.240	1.160
139	0.460	0.500	0.500	0.660	0.990	1.030	1.140	1.180	1.410	1.240
140	0.460	0.560	0.510	0.740	1.060	1.060	1.230	1.230	1.450	1.330
141	0.510	0.600	0.690	0.770	1.150	1.170	1.310	1.340	1.500	1.430
142	0.700	0.660	0.700	0.860	1.240	1.240	1.400	1.420	1.590	1.530
143	0.700	0.730	0.710	0.940	1.320	1.350	1.490	1.520	1.700	1.640
144	0.710	0.780	0.860	0.990	1.410	1.420	1.590	1.610	1.790	1.720
145	0.820	0.850	0.860	1.080	1.500	1.550	1.680	1.710	1.890	1.900
146	0.870	0.920	1.000	1.150	1.600	1.620	1.780	1.870	1.990	1.920
147	0.990	1.010	1.000	1.250	1.690	1.710	1.860	1.910	2.080	2.090
148	1.020	1.080	1.140	1.320	1.780	1.810	1.980	2.030	2.180	2.110
149	1.130	1.160	1.220	1.420	1.870	1.930	2.080	2.100	2.280	2.250
150	1.190	1.250	1.320	1.510	1.990	2.020	2.170	2.250	2.370	2.300
151	1.350	1.340	1.420	1.590	2.070	2.090	2.280	2.300	2.510	2.420
152	1.390	1.440	1.480	1.670	2.180	2.240	2.370	2.410	2.570	2.510
153	1.510	1.520	1.550	1.760	2.280	2.290	2.460	2.490	2.660	2.600
154	1.570	1.620	1.650	1.830	2.370	2.450	2.560	2.610	2.740	2.700
155	1.720	1.710	1.730	1.940	2.470	2.530	2.650	2.660	2.850	2.770
156	1.760	1.800	1.840	2.010	2.560	2.590	2.740	2.780	2.910	2.850
157	1.910	1.900	1.910	2.120	2.650	2.670	2.840	2.850	3.000	2.960
158	1.950	1.990	2.000	2.200	2.750	2.810	2.910	2.970	3.090	3.000
159	2.090	2.080	2.090	2.300	2.820	2.830	2.990	2.990	3.150	3.060
160	2.150	2.180	2.200	2.380	2.920	2.960	3.050	3.090	3.210	3.110
161	2.260	2.260	2.260	2.470	2.980	2.980	3.130	3.140	3.260	3.170
162	2.350	2.340	2.430	2.560	3.060	3.060	3.190	3.170	3.330	3.210
163	2.480	2.440	2.480	2.630	3.130	3.150	3.260	3.270	3.360	3.290
164	2.510	2.520	2.610	2.710	3.210	3.170	3.310	3.340	3.400	3.340
165	2.620	2.620	2.630	2.790	3.260	3.260	3.350	3.340	3.430	3.340

IES INDOOR REPORT

PHOTOMETRIC FILENAME : GU10_120VACDC_6.5W.IES

CANDELA TABULATION - (Cont.)

166	2.700	2.720	2.680	2.860	3.320	3.310	3.400	3.350	3.450	3.350
167	2.800	2.790	2.800	2.910	3.390	3.330	3.450	3.390	3.490	3.350
168	2.850	2.870	2.810	2.990	3.420	3.370	3.480	3.450	3.500	3.370
169	2.970	2.950	2.960	3.060	3.470	3.400	3.520	3.490	3.500	3.360
170	2.980	3.000	2.970	3.100	3.500	3.470	3.540	3.490	3.530	3.380
171	3.080	3.070	3.020	3.140	3.540	3.490	3.550	3.500	3.530	3.380
172	3.150	3.140	3.110	3.200	3.550	3.500	3.580	3.500	3.530	3.400
173	3.180	3.190	3.150	3.240	3.580	3.500	3.600	3.500	3.530	3.430
174	3.220	3.240	3.160	3.280	3.590	3.530	3.600	3.510	3.540	3.430
175	3.350	3.290	3.220	3.310	3.620	3.540	3.620	3.510	3.540	3.450
176	3.350	3.340	3.290	3.350	3.620	3.560	3.620	3.520	3.550	3.450
177	3.350	3.390	3.330	3.400	3.640	3.550	3.630	3.520	3.550	3.450
178	3.440	3.440	3.340	3.440	3.660	3.560	3.640	3.530	3.550	3.470
179	3.510	3.480	3.380	3.470	3.660	3.580	3.650	3.540	3.550	3.490
180	3.540	3.540	3.540	3.540	3.540	3.540	3.540	3.540	3.540	3.540

Vert. Horizontal Angles

	<u>225.0</u>	<u>247.5</u>	<u>270.0</u>	<u>292.5</u>	<u>315.0</u>	<u>337.5</u>	<u>360.0</u>
0	918.034	918.034	918.034	918.034	918.034	918.034	918.034
1	912.230	915.580	922.620	921.480	919.930	920.010	917.100
2	908.230	913.890	919.940	918.020	915.400	917.400	913.420
3	899.180	908.140	914.790	912.950	909.140	912.350	908.270
4	884.080	897.090	905.360	905.780	902.130	906.440	903.580
5	862.570	878.850	890.670	895.260	893.920	900.660	899.770
6	833.910	853.680	869.450	879.440	882.630	895.470	898.140
7	797.760	821.000	839.400	857.220	866.430	888.910	896.780
8	756.330	782.020	804.240	828.950	843.730	879.050	894.460
9	709.780	740.310	767.690	796.800	815.970	864.230	890.050
10	663.220	696.370	732.580	762.680	785.710	843.640	883.060
11	616.690	652.050	697.490	728.090	754.200	818.980	870.080
12	571.710	608.580	660.820	694.580	721.700	790.770	849.720
13	528.110	565.230	621.810	661.060	688.590	760.090	822.340
14	488.520	522.990	584.480	627.550	655.590	727.160	790.740
15	451.520	484.060	549.000	594.440	621.860	688.740	754.830
16	416.750	448.060	515.580	561.710	587.360	650.320	714.230
17	384.460	414.910	483.310	528.960	553.010	611.870	669.590
18	356.010	384.230	451.420	496.650	519.020	570.140	623.800
19	330.490	356.130	421.350	464.870	486.500	529.850	576.780
20	306.890	330.980	393.500	433.980	454.480	492.600	530.590
21	285.140	305.860	366.520	403.520	423.560	457.640	487.220
22	264.770	284.220	340.790	374.050	394.360	423.810	446.560
23	246.620	265.010	315.070	346.730	365.540	391.310	408.850
24	229.620	248.270	293.420	320.770	338.930	361.570	375.310
25	213.280	233.300	272.780	296.250	312.350	335.390	348.470
26	196.920	219.200	253.510	274.190	289.600	311.260	321.700
27	181.080	206.010	236.290	254.070	268.380	288.730	294.930
28	165.440	193.360	221.110	236.200	249.130	267.840	274.800
29	150.190	181.200	207.400	220.200	231.610	249.520	256.600
30	135.290	169.200	194.370	206.190	215.880	234.040	240.440
31	121.430	157.450	182.520	193.310	201.880	219.800	225.750
32	108.710	145.800	171.550	180.670	189.270	206.560	211.730
33	97.270	134.380	160.990	167.260	177.640	194.610	197.650
34	87.010	123.010	149.940	153.450	166.750	183.940	183.770
35	78.450	111.760	137.280	138.760	155.720	173.800	169.240
36	71.300	101.040	124.250	124.110	144.210	163.530	154.370

IES INDOOR REPORT**PHOTOMETRIC FILENAME : GU10_120VACDC_6.5W.IES****CANDELA TABULATION - (Cont.)**

37	65.120	91.350	111.700	110.120	132.010	152.870	138.670
38	59.740	82.680	100.200	97.390	119.550	141.910	124.370
39	55.170	74.840	89.840	86.000	107.210	130.110	110.710
40	51.420	67.880	80.330	76.670	95.880	117.580	98.350
41	48.160	62.060	71.800	68.990	85.900	105.180	87.500
42	45.180	57.020	64.750	62.500	77.190	93.900	78.460
43	42.540	52.620	58.910	57.140	69.370	84.270	70.840
44	40.220	48.730	54.000	52.760	62.850	75.610	64.470
45	38.130	45.440	49.670	48.980	57.400	68.110	59.230
46	36.180	42.560	46.050	45.820	52.880	61.480	54.920
47	34.420	40.010	42.970	43.040	48.810	56.250	51.050
48	32.800	37.700	40.280	40.580	45.130	51.820	47.640
49	31.340	35.650	37.870	38.380	42.060	47.870	44.660
50	29.960	33.840	35.760	36.330	39.420	44.410	42.090
51	28.710	32.200	33.850	34.420	37.120	41.330	39.750
52	27.570	30.650	32.170	32.740	35.120	38.750	37.410
53	26.470	29.250	30.670	31.260	33.260	36.440	35.250
54	25.400	27.940	29.300	29.930	31.630	34.410	33.390
55	24.350	26.700	28.040	28.640	30.160	32.530	31.780
56	23.290	25.520	26.820	27.400	28.800	30.840	30.350
57	22.300	24.420	25.580	26.220	27.490	29.350	29.020
58	21.340	23.340	24.410	25.090	26.230	27.980	27.710
59	20.470	22.280	23.300	23.980	25.070	26.670	26.460
60	19.640	21.340	22.290	22.920	23.950	25.420	25.310
61	18.870	20.510	21.350	21.920	22.850	24.240	24.220
62	18.090	19.680	20.460	21.020	21.840	23.110	23.170
63	17.380	18.900	19.620	20.170	20.960	22.100	22.200
64	16.700	18.140	18.840	19.360	20.130	21.140	21.240
65	16.030	17.430	18.090	18.600	19.340	20.280	20.340
66	15.330	16.720	17.370	17.860	18.610	19.470	19.520
67	14.600	16.000	16.660	17.160	17.850	18.750	18.750
68	13.850	15.210	15.910	16.490	17.190	18.050	18.050
69	13.130	14.450	15.170	15.800	16.460	17.340	17.360
70	12.390	13.710	14.400	15.060	15.710	16.630	16.670
71	11.710	12.980	13.670	14.330	14.970	15.920	15.990
72	11.000	12.240	12.940	13.640	14.270	15.250	15.310
73	10.290	11.510	12.180	12.940	13.530	14.560	14.630
74	9.630	10.740	11.430	12.250	12.810	13.840	13.940
75	8.940	10.040	10.670	11.510	12.080	13.140	13.230
76	8.270	9.310	9.980	10.760	11.340	12.430	12.570
77	7.600	8.630	9.220	10.020	10.600	11.670	11.910
78	6.920	7.950	8.520	9.310	9.830	10.940	11.200
79	6.320	7.300	7.810	8.610	9.140	10.240	10.510
80	5.700	6.650	7.150	7.940	8.400	9.500	9.780
81	5.090	5.990	6.510	7.270	7.720	8.730	9.110
82	4.490	5.340	5.840	6.580	7.020	8.020	8.400
83	3.870	4.730	5.180	5.900	6.330	7.310	7.720
84	3.270	4.110	4.540	5.260	5.670	6.680	7.050
85	2.740	3.490	3.910	4.630	5.020	6.010	6.410
86	2.270	2.940	3.310	4.010	4.370	5.350	5.760
87	1.850	2.450	2.760	3.390	3.730	4.700	5.120
88	1.590	2.000	2.290	2.820	3.180	4.060	4.520
89	1.420	1.750	1.880	2.320	2.650	3.480	3.900
90	1.210	1.590	1.680	1.870	2.190	2.920	3.340
91	1.060	1.420	1.510	1.620	1.830	2.410	2.830
92	0.960	1.230	1.310	1.460	1.660	1.970	2.360

IES INDOOR REPORT
PHOTOMETRIC FILENAME : GU10_120VACDC_6.5W.IES

CANDELA TABULATION - (Cont.)

93	0.770	1.070	1.130	1.240	1.480	1.650	1.930
94	0.660	0.880	0.940	1.060	1.290	1.480	1.710
95	0.450	0.750	0.780	0.850	1.100	1.340	1.530
96	0.330	0.590	0.640	0.680	0.910	1.090	1.330
97	0.130	0.450	0.490	0.570	0.750	0.910	1.120
98	0.010	0.310	0.380	0.480	0.620	0.760	0.950
99	0.000	0.190	0.240	0.280	0.490	0.620	0.820
100	0.000	0.090	0.120	0.140	0.370	0.470	0.680
101	0.000	0.010	0.020	0.120	0.250	0.350	0.560
102	0.000	0.000	0.000	0.000	0.140	0.270	0.430
103	0.000	0.000	0.000	0.000	0.050	0.100	0.310
104	0.000	0.000	0.000	0.000	0.000	0.000	0.190
105	0.010	0.000	0.000	0.000	0.000	0.000	0.090
106	0.000	0.000	0.000	0.000	0.000	0.000	0.010
107	0.020	0.000	0.000	0.000	0.000	0.000	0.000
108	0.020	0.000	0.000	0.000	0.000	0.000	0.000
109	0.020	0.000	0.000	0.000	0.000	0.000	0.000
110	0.020	0.000	0.000	0.000	0.000	0.000	0.000
111	0.020	0.000	0.000	0.000	0.000	0.000	0.000
112	0.060	0.000	0.000	0.000	0.000	0.000	0.000
113	0.070	0.000	0.000	0.000	0.000	0.000	0.000
114	0.100	0.000	0.000	0.010	0.000	0.000	0.000
115	0.120	0.010	0.000	0.010	0.000	0.010	0.000
116	0.150	0.010	0.000	0.020	0.000	0.000	0.000
117	0.170	0.070	0.000	0.040	0.000	0.010	0.000
118	0.200	0.090	0.000	0.040	0.000	0.040	0.000
119	0.210	0.120	0.000	0.060	0.000	0.040	0.000
120	0.260	0.150	0.000	0.080	0.000	0.060	0.000
121	0.280	0.170	0.000	0.090	0.000	0.070	0.000
122	0.300	0.200	0.010	0.120	0.000	0.090	0.000
123	0.340	0.250	0.080	0.150	0.010	0.090	0.000
124	0.380	0.270	0.110	0.170	0.080	0.120	0.000
125	0.410	0.290	0.110	0.170	0.090	0.130	0.000
126	0.460	0.300	0.120	0.210	0.110	0.160	0.000
127	0.490	0.330	0.160	0.250	0.120	0.180	0.150
128	0.540	0.380	0.170	0.260	0.140	0.200	0.180
129	0.570	0.480	0.280	0.290	0.160	0.210	0.200
130	0.630	0.490	0.290	0.350	0.190	0.230	0.220
131	0.680	0.500	0.290	0.360	0.270	0.270	0.240
132	0.740	0.560	0.330	0.410	0.330	0.310	0.260
133	0.800	0.650	0.460	0.450	0.320	0.350	0.280
134	0.860	0.660	0.470	0.490	0.350	0.390	0.300
135	0.930	0.750	0.480	0.550	0.380	0.420	0.310
136	1.010	0.810	0.550	0.590	0.460	0.460	0.330
137	1.070	0.860	0.650	0.650	0.470	0.510	0.350
138	1.150	0.970	0.660	0.710	0.530	0.560	0.370
139	1.230	1.020	0.770	0.760	0.610	0.600	0.460
140	1.320	1.130	0.810	0.830	0.660	0.660	0.460
141	1.420	1.180	0.870	0.900	0.710	0.710	0.510
142	1.510	1.280	0.980	0.970	0.800	0.770	0.700
143	1.600	1.360	1.030	1.050	0.860	0.850	0.700
144	1.690	1.470	1.150	1.120	0.960	0.920	0.710
145	1.790	1.560	1.180	1.210	1.010	0.990	0.820
146	1.880	1.670	1.280	1.300	1.140	1.080	0.870
147	1.980	1.730	1.370	1.370	1.190	1.150	0.990
148	2.080	1.860	1.470	1.460	1.280	1.250	1.020

IES INDOOR REPORT
PHOTOMETRIC FILENAME : GU10_120VACDC_6.5W.IES

CANDELA TABULATION - (Cont.)

149	2.170	1.930	1.550	1.550	1.370	1.330	1.130
150	2.270	2.120	1.660	1.640	1.510	1.420	1.190
151	2.370	2.130	1.740	1.740	1.560	1.510	1.350
152	2.450	2.230	1.870	1.840	1.680	1.610	1.390
153	2.550	2.310	1.940	1.930	1.740	1.680	1.510
154	2.630	2.410	2.110	2.030	1.850	1.790	1.570
155	2.730	2.490	2.120	2.110	1.920	1.860	1.720
156	2.810	2.590	2.260	2.210	2.080	1.980	1.760
157	2.890	2.670	2.310	2.290	2.130	2.080	1.910
158	2.960	2.760	2.410	2.400	2.240	2.170	1.950
159	3.040	2.810	2.500	2.500	2.300	2.260	2.090
160	3.100	2.930	2.600	2.570	2.420	2.340	2.150
161	3.150	2.970	2.660	2.670	2.500	2.440	2.260
162	3.200	3.010	2.840	2.750	2.620	2.550	2.350
163	3.250	3.110	2.830	2.840	2.670	2.620	2.480
164	3.300	3.160	2.870	2.900	2.770	2.700	2.510
165	3.330	3.170	2.960	2.970	2.820	2.790	2.620
166	3.360	3.210	3.030	3.050	2.910	2.880	2.700
167	3.370	3.250	3.100	3.110	2.960	2.960	2.800
168	3.400	3.290	3.160	3.170	3.030	3.020	2.850
169	3.410	3.310	3.180	3.240	3.120	3.100	2.970
170	3.420	3.340	3.230	3.280	3.150	3.150	2.980
171	3.440	3.330	3.270	3.340	3.220	3.210	3.080
172	3.450	3.340	3.320	3.370	3.280	3.260	3.150
173	3.450	3.350	3.370	3.440	3.340	3.310	3.180
174	3.460	3.350	3.410	3.460	3.400	3.360	3.220
175	3.470	3.380	3.480	3.490	3.460	3.420	3.350
176	3.480	3.370	3.490	3.540	3.510	3.450	3.350
177	3.480	3.400	3.520	3.560	3.560	3.490	3.350
178	3.490	3.530	3.550	3.590	3.560	3.560	3.440
179	3.500	3.520	3.570	3.630	3.560	3.570	3.510
180	3.540	3.540	3.540	3.540	3.540	3.540	3.540

IES INDOOR REPORT
PHOTOMETRIC FILENAME : GU10_120VACDC_6.5W.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	237.81	42.90	42.90
0-30	366.65	66.20	66.20
0-40	448.29	81.00	81.00
0-60	514.14	92.80	92.80
0-80	543.99	98.20	98.20
0-90	548.86	99.10	99.10
10-90	469.15	84.70	84.70
20-40	210.48	38.00	38.00
20-50	250.82	45.30	45.30
40-70	84.03	15.20	15.20
60-80	29.85	5.40	5.40
70-80	11.67	2.10	2.10
80-90	4.87	0.90	0.90
90-110	1.08	0.20	0.20
90-120	1.13	0.20	0.20
90-130	1.34	0.20	0.20
90-150	2.68	0.50	0.50
90-180	4.88	0.90	0.90
110-180	3.80	0.70	0.70
0-180	553.75	100.00	100.00

Total Luminaire Efficiency = 100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	79.72
10-20	158.09
20-30	128.84
30-40	81.64
40-50	40.34
50-60	25.51
60-70	18.18
70-80	11.67
80-90	4.87
90-100	1.03
100-110	0.05
110-120	0.05
120-130	0.21
130-140	0.49
140-150	0.84
150-160	1.04
160-170	0.85
170-180	0.32

IES INDOOR REPORT

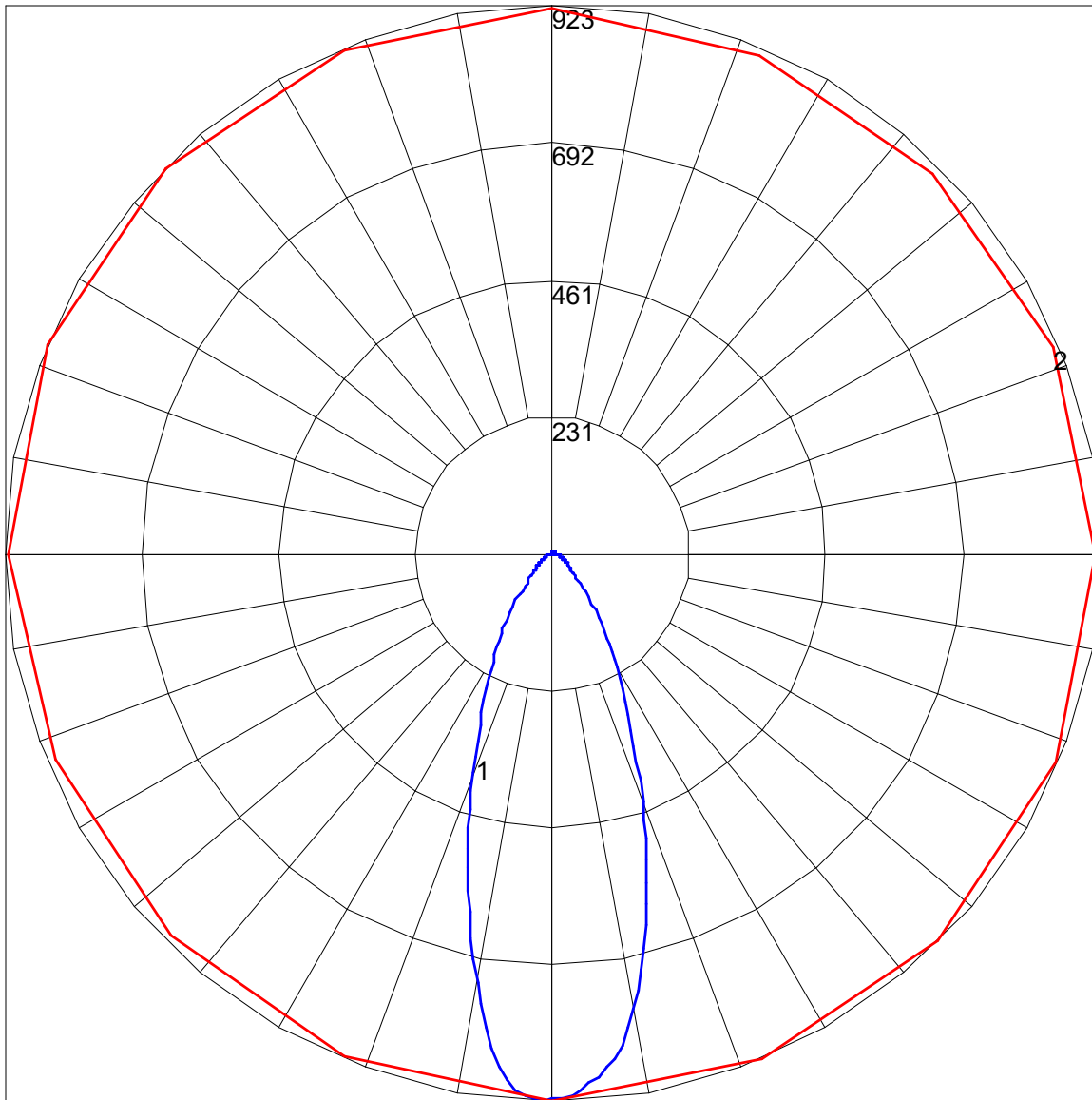
PHOTOMETRIC FILENAME : GU10_120VACDC_6.5W.IES

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	101	101	101	99
1	112	109	106	104	110	107	104	102	103	100	99	99	97	95	95	94	93	91
2	106	100	96	92	104	99	95	91	95	92	89	92	89	87	89	87	85	83
3	100	93	88	83	98	92	87	82	89	85	81	86	83	80	84	81	78	77
4	95	87	81	76	93	85	80	76	83	78	75	81	77	74	79	76	73	71
5	90	81	75	70	88	80	74	70	78	73	69	76	72	69	75	71	68	66
6	86	76	70	65	84	75	69	65	74	68	65	72	68	64	71	67	64	62
7	81	72	66	61	80	71	65	61	70	64	61	68	64	60	67	63	60	58
8	78	68	62	57	76	67	61	57	66	61	57	65	60	57	64	60	56	55
9	74	64	58	54	73	64	58	54	63	58	54	62	57	54	61	57	53	52
10	71	61	55	51	70	61	55	51	60	55	51	59	54	51	58	54	51	49

POLAR GRAPH



Maximum Candela = 922.62 Located At Horizontal Angle = 270, Vertical Angle = 1
1 - Vertical Plane Through Horizontal Angles (270 - 90) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (1) (Through Max. Cd.)