



Shenzhen Anbotek Compliance Laboratory Ltd

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GAMA SONIC USA. INC

LumCAT: Solar security light

Luminaire: GS-101

Report No:

Voltage(V): 0.0000

Test No:

Current(A): 0.0000

LampCAT:

Power (W): 0.0000

Lamp flux(lm)

PF: 1.0000

Number of Lamps: 1

Ballast type:

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 724.95

Lumens(lm)/Power(W): 0.00

Central intensity(cd): 508.424

Maximum intensity(cd): 620.156

Angle of maximum intensity: $C=0.0$ $\gamma=7.0$

Beam Angle(50%Imax): [C0/180]Total=77.2

[C90/270]Total=71.6

Field angle(10%Imax): [C0/180]Total=116.7

[C90/270]Total=114.1

Maximum s/h(1/2): C0_180=0.80 C90_270=0.74

Maximum s/h(1/4): C0_180=1.09 C90_270=1.06

Up flux rate of LUM(%): 0.44%

Down flux rate of LUM(%): 99.56%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 97.272%

Equipment:
Temperature(°C): 25.6

Date: 2018-4-25
Humidity(%): 40.0%

Operator: Meteor
Distance(m): 14.44

GAMA SONIC USA. INC Solar security light

Zonal flux distribution table

Page: 2 Total:24

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)	Sum/Lum(%)
0.0	508.424	.000	.000	.000%	.000%	.000%
1.0	514.417	.489	.489	.068%	.068%	.068%
2.0	519.003	1.483	1.973	.205%	.272%	.272%
3.0	524.136	2.495	4.468	.344%	.616%	.616%
4.0	529.712	3.528	7.995	.487%	1.103%	1.103%
5.0	535.132	4.581	12.576	.632%	1.735%	1.735%
6.0	537.790	5.638	18.214	.778%	2.513%	2.513%
7.0	537.373	6.674	24.888	.921%	3.433%	3.433%
8.0	532.266	7.655	32.543	1.056%	4.489%	4.489%
9.0	523.094	8.556	41.099	1.180%	5.669%	5.669%
10.0	513.088	9.380	50.479	1.294%	6.963%	6.963%
11.0	498.470	10.108	60.586	1.394%	8.357%	8.357%
12.0	482.575	10.724	71.311	1.479%	9.837%	9.837%
13.0	466.628	11.265	82.575	1.554%	11.391%	11.391%
14.0	448.910	11.719	94.294	1.617%	13.007%	13.007%
15.0	430.878	12.078	106.372	1.666%	14.673%	14.673%
16.0	411.674	12.346	118.718	1.703%	16.376%	16.376%
17.0	393.617	12.541	131.259	1.730%	18.106%	18.106%
18.0	375.012	12.673	143.932	1.748%	19.854%	19.854%
19.0	356.877	12.733	156.665	1.756%	21.611%	21.611%
20.0	341.060	12.774	169.439	1.762%	23.373%	23.373%
21.0	326.676	12.822	182.261	1.769%	25.141%	25.141%
22.0	314.951	12.894	195.155	1.779%	26.920%	26.920%
23.0	304.424	12.996	208.151	1.793%	28.713%	28.713%
24.0	296.555	13.140	221.290	1.812%	30.525%	30.525%
25.0	289.363	13.322	234.613	1.838%	32.363%	32.363%
26.0	283.682	13.527	248.140	1.866%	34.229%	34.229%
27.0	278.106	13.744	261.884	1.896%	36.125%	36.125%
28.0	273.051	13.954	275.838	1.925%	38.049%	38.049%
29.0	268.231	14.161	290.000	1.953%	40.003%	40.003%
30.0	263.983	14.370	304.369	1.982%	41.985%	41.985%
31.0	259.762	14.575	318.944	2.011%	43.996%	43.996%
32.0	255.827	14.771	333.715	2.038%	46.033%	46.033%
33.0	252.232	14.968	348.683	2.065%	48.098%	48.098%
34.0	248.349	15.149	363.832	2.090%	50.187%	50.187%
35.0	244.519	15.307	379.139	2.111%	52.299%	52.299%
36.0	240.793	15.452	394.591	2.132%	54.430%	54.430%
37.0	236.962	15.582	410.173	2.149%	56.580%	56.580%

Equipment:
Temperature($^{\circ}\text{C}$): 25.6

Date: 2018-4-25
Humidity(%): 40.0%

Operator: Meteor
Distance(m): 14.44

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)	Sum/Lum(%)
38.0	233.080	15.689	425.862	2.164%	58.744%	58.744%
39.0	229.328	15.783	441.645	2.177%	60.921%	60.921%
40.0	225.237	15.854	457.499	2.187%	63.108%	63.108%
41.0	221.094	15.894	473.393	2.192%	65.300%	65.300%
42.0	216.507	15.899	489.291	2.193%	67.493%	67.493%
43.0	212.208	15.881	505.172	2.191%	69.684%	69.684%
44.0	207.335	15.835	521.007	2.184%	71.868%	71.868%
45.0	202.332	15.744	536.751	2.172%	74.040%	74.040%
46.0	196.600	15.601	552.352	2.152%	76.192%	76.192%
47.0	188.965	15.335	567.687	2.115%	78.307%	78.307%
48.0	180.966	14.955	582.642	2.063%	80.370%	80.370%
49.0	172.367	14.510	597.152	2.001%	82.372%	82.372%
50.0	163.951	14.022	611.174	1.934%	84.306%	84.306%
51.0	155.977	13.536	624.709	1.867%	86.173%	86.173%
52.0	147.795	13.035	637.745	1.798%	87.971%	87.971%
53.0	138.102	12.437	650.181	1.716%	89.687%	89.687%
54.0	126.871	11.679	661.860	1.611%	91.298%	91.298%
55.0	112.670	10.693	672.553	1.475%	92.773%	92.773%
56.0	95.369	9.401	681.953	1.297%	94.069%	94.069%
57.0	78.119	7.932	689.886	1.094%	95.164%	95.164%
58.0	60.921	6.430	696.315	.887%	96.050%	96.050%
59.0	46.720	5.032	701.348	.694%	96.745%	96.745%
60.0	34.187	3.822	705.170	.527%	97.272%	97.272%
61.0	24.858	2.818	707.988	.389%	97.661%	97.661%
62.0	19.412	2.133	710.121	.294%	97.955%	97.955%
63.0	16.572	1.750	711.871	.241%	98.196%	98.196%
64.0	14.331	1.516	713.388	.209%	98.405%	98.405%
65.0	11.152	1.261	714.649	.174%	98.579%	98.579%
66.0	8.338	.972	715.621	.134%	98.714%	98.714%
67.0	6.332	.738	716.359	.102%	98.815%	98.815%
68.0	5.133	.581	716.940	.080%	98.895%	98.895%
69.0	4.404	.487	717.426	.067%	98.963%	98.963%
70.0	3.440	.403	717.829	.056%	99.018%	99.018%
71.0	3.023	.334	718.163	.046%	99.064%	99.064%
72.0	2.866	.306	718.469	.042%	99.106%	99.106%
73.0	2.658	.289	718.758	.040%	99.146%	99.146%
74.0	2.554	.274	719.032	.038%	99.184%	99.184%
75.0	2.449	.264	719.296	.036%	99.221%	99.221%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)	Sum/Lum(%)
76.0	2.423	.259	719.555	.036%	99.256%	99.256%
77.0	2.345	.254	719.809	.035%	99.291%	99.291%
78.0	2.423	.255	720.065	.035%	99.326%	99.326%
79.0	2.319	.255	720.319	.035%	99.362%	99.362%
80.0	2.215	.244	720.564	.034%	99.395%	99.395%
81.0	2.111	.234	720.798	.032%	99.428%	99.428%
82.0	1.798	.212	721.010	.029%	99.457%	99.457%
83.0	1.511	.180	721.190	.025%	99.482%	99.482%
84.0	1.147	.145	721.334	.020%	99.502%	99.502%
85.0	.886	.111	721.445	.015%	99.517%	99.517%
86.0	.704	.087	721.532	.012%	99.529%	99.529%
87.0	.573	.070	721.602	.010%	99.539%	99.539%
88.0	.495	.059	721.660	.008%	99.547%	99.547%
89.0	.417	.050	721.710	.007%	99.554%	99.554%
90.0	.417	.046	721.756	.006%	99.560%	99.560%
91.0	.417	.046	721.802	.006%	99.566%	99.566%
92.0	.391	.044	721.846	.006%	99.572%	99.572%
93.0	.339	.040	721.886	.006%	99.578%	99.578%
94.0	.313	.036	721.922	.005%	99.583%	99.583%
95.0	.235	.030	721.952	.004%	99.587%	99.587%
96.0	.287	.028	721.980	.004%	99.591%	99.591%
97.0	.235	.028	722.008	.004%	99.595%	99.595%
98.0	.287	.028	722.037	.004%	99.599%	99.599%
99.0	.261	.030	722.066	.004%	99.603%	99.603%
100.0	.287	.030	722.096	.004%	99.607%	99.607%
101.0	.208	.027	722.123	.004%	99.610%	99.610%
102.0	.287	.027	722.149	.004%	99.614%	99.614%
103.0	.261	.029	722.179	.004%	99.618%	99.618%
104.0	.287	.029	722.208	.004%	99.622%	99.622%
105.0	.339	.033	722.241	.005%	99.627%	99.627%
106.0	.287	.033	722.274	.005%	99.631%	99.631%
107.0	.287	.030	722.304	.004%	99.635%	99.635%
108.0	.339	.033	722.337	.005%	99.640%	99.640%
109.0	.391	.038	722.375	.005%	99.645%	99.645%
110.0	.339	.038	722.413	.005%	99.650%	99.650%
111.0	.365	.036	722.449	.005%	99.655%	99.655%
112.0	.287	.033	722.482	.005%	99.660%	99.660%
113.0	.339	.032	722.514	.004%	99.664%	99.664%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)	Sum/Lum(%)
114.0	.417	.038	722.552	.005%	99.670%	99.670%
115.0	.391	.040	722.592	.006%	99.675%	99.675%
116.0	.417	.040	722.632	.006%	99.681%	99.681%
117.0	.417	.041	722.673	.006%	99.686%	99.686%
118.0	.417	.041	722.713	.006%	99.692%	99.692%
119.0	.417	.040	722.753	.006%	99.697%	99.697%
120.0	.443	.041	722.794	.006%	99.703%	99.703%
121.0	.417	.041	722.835	.006%	99.709%	99.709%
122.0	.443	.040	722.875	.006%	99.714%	99.714%
123.0	.417	.040	722.915	.005%	99.720%	99.720%
124.0	.469	.041	722.956	.006%	99.725%	99.725%
125.0	.495	.044	722.999	.006%	99.731%	99.731%
126.0	.547	.047	723.046	.006%	99.738%	99.738%
127.0	.469	.045	723.091	.006%	99.744%	99.744%
128.0	.495	.042	723.132	.006%	99.750%	99.750%
129.0	.469	.041	723.174	.006%	99.755%	99.755%
130.0	.599	.045	723.219	.006%	99.762%	99.762%
131.0	.599	.050	723.269	.007%	99.769%	99.769%
132.0	.599	.049	723.318	.007%	99.775%	99.775%
133.0	.625	.050	723.368	.007%	99.782%	99.782%
134.0	.599	.049	723.416	.007%	99.789%	99.789%
135.0	.599	.047	723.463	.006%	99.795%	99.795%
136.0	.625	.047	723.510	.006%	99.802%	99.802%
137.0	.651	.048	723.559	.007%	99.808%	99.808%
138.0	.651	.048	723.607	.007%	99.815%	99.815%
139.0	.651	.047	723.654	.007%	99.822%	99.822%
140.0	.704	.048	723.703	.007%	99.828%	99.828%
141.0	.704	.049	723.752	.007%	99.835%	99.835%
142.0	.704	.048	723.800	.007%	99.842%	99.842%
143.0	.730	.048	723.847	.007%	99.848%	99.848%
144.0	.756	.048	723.896	.007%	99.855%	99.855%
145.0	.808	.050	723.946	.007%	99.862%	99.862%
146.0	.782	.049	723.995	.007%	99.869%	99.869%
147.0	.756	.047	724.042	.006%	99.875%	99.875%
148.0	.704	.043	724.085	.006%	99.881%	99.881%
149.0	.834	.044	724.129	.006%	99.887%	99.887%
150.0	.860	.047	724.176	.007%	99.894%	99.894%
151.0	.834	.046	724.221	.006%	99.900%	99.900%

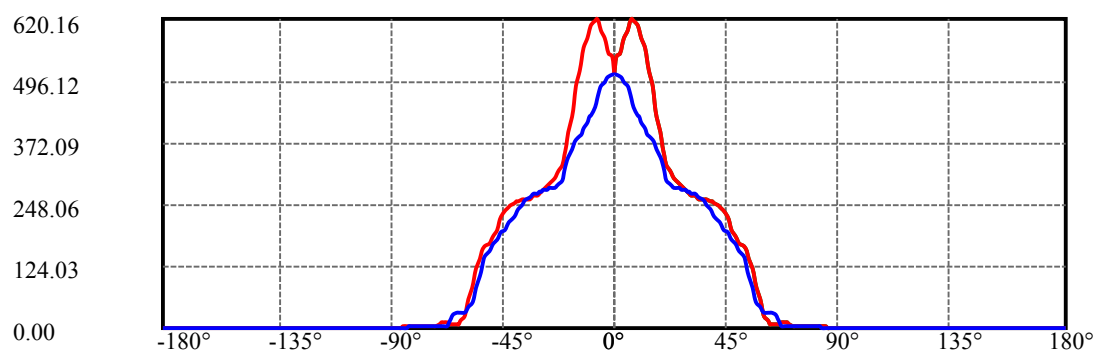
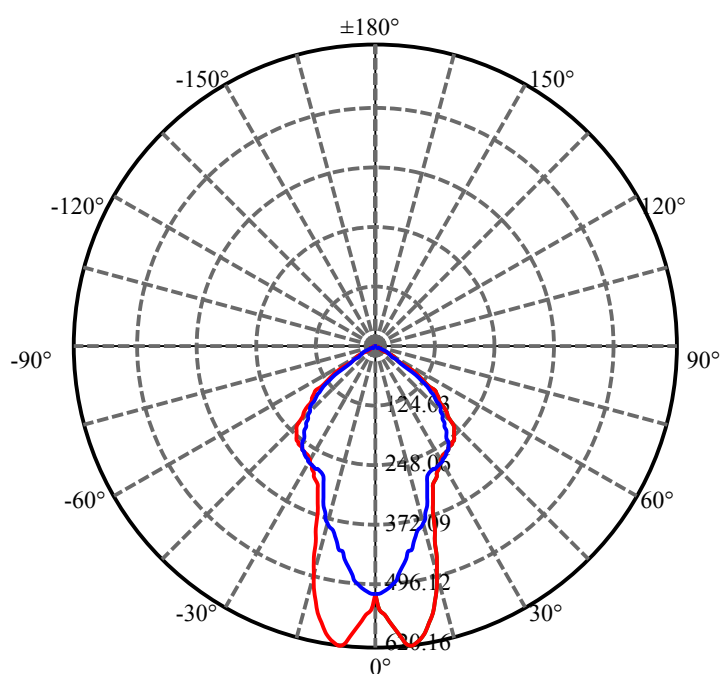
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)	Sum/Lum(%)
152.0	.808	.043	724.264	.006%	99.906%	99.906%
153.0	.912	.044	724.308	.006%	99.912%	99.912%
154.0	.860	.043	724.351	.006%	99.918%	99.918%
155.0	.860	.041	724.392	.006%	99.923%	99.923%
156.0	.912	.040	724.432	.006%	99.929%	99.929%
157.0	.912	.040	724.472	.006%	99.934%	99.934%
158.0	.912	.038	724.510	.005%	99.940%	99.940%
159.0	.886	.036	724.546	.005%	99.945%	99.945%
160.0	.834	.033	724.579	.005%	99.949%	99.949%
161.0	.964	.033	724.612	.005%	99.954%	99.954%
162.0	.990	.034	724.646	.005%	99.958%	99.958%
163.0	.912	.031	724.678	.004%	99.963%	99.963%
164.0	.938	.029	724.707	.004%	99.967%	99.967%
165.0	.912	.027	724.734	.004%	99.971%	99.971%
166.0	1.016	.026	724.760	.004%	99.974%	99.974%
167.0	.964	.025	724.785	.003%	99.978%	99.978%
168.0	.964	.023	724.808	.003%	99.981%	99.981%
169.0	1.042	.022	724.830	.003%	99.984%	99.984%
170.0	.964	.020	724.850	.003%	99.987%	99.987%
171.0	1.042	.018	724.868	.003%	99.989%	99.989%
172.0	.990	.016	724.885	.002%	99.991%	99.991%
173.0	.964	.014	724.899	.002%	99.993%	99.993%
174.0	1.016	.012	724.911	.002%	99.995%	99.995%
175.0	1.042	.011	724.922	.001%	99.997%	99.997%
176.0	.990	.009	724.931	.001%	99.998%	99.998%
177.0	1.042	.007	724.937	.001%	99.999%	99.999%
178.0	1.042	.005	724.942	.001%	99.999%	99.999%
179.0	1.068	.003	724.945	.000%	100.000%	100.000%
180.0	1.042	.001	724.947	.000%	100.000%	100.000%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixt
0-30	304.37	41.99%
0-40	457.50	63.11%
0-60	705.17	97.27%
0-90	721.76	99.56%
0-120	722.79	99.70%
0-180	724.95	100.00%
60-90	20.41	2.82%
90-120	1.08	0.15%
90-130	1.51	0.21%
90-150	2.47	0.34%
90-180	3.24	0.45%
0-47.82	579.96	80.00%

ZONAL LUMEN SUMMARY

0-10	50.48
10-20	118.96
20-30	134.93
30-40	153.13
40-50	153.67
50-60	94.00
60-70	12.66
70-80	2.73
80-90	1.19
90-100	0.34
100-110	0.32
110-120	0.38
120-130	0.42
130-140	0.48
140-150	0.47
150-160	0.40
160-170	0.27
170-180	0.10



C0(Max):

C0/C180:

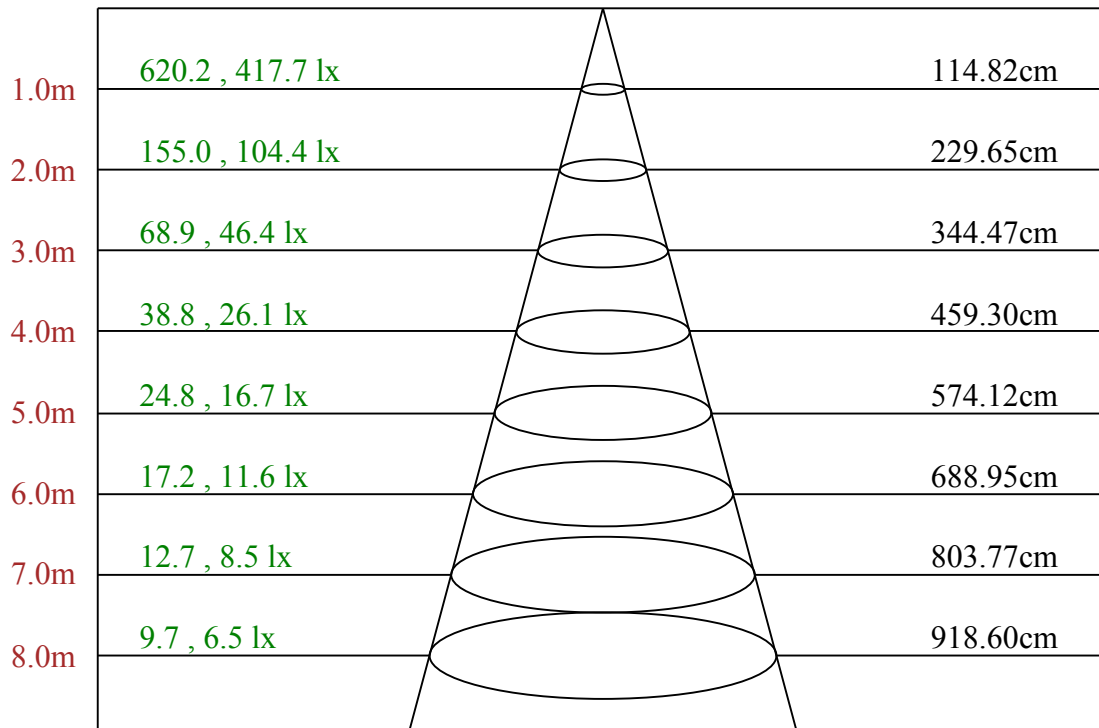
C90/C270:

Field angle(10%Imax):C0/180Left:58.4 Right:58.4

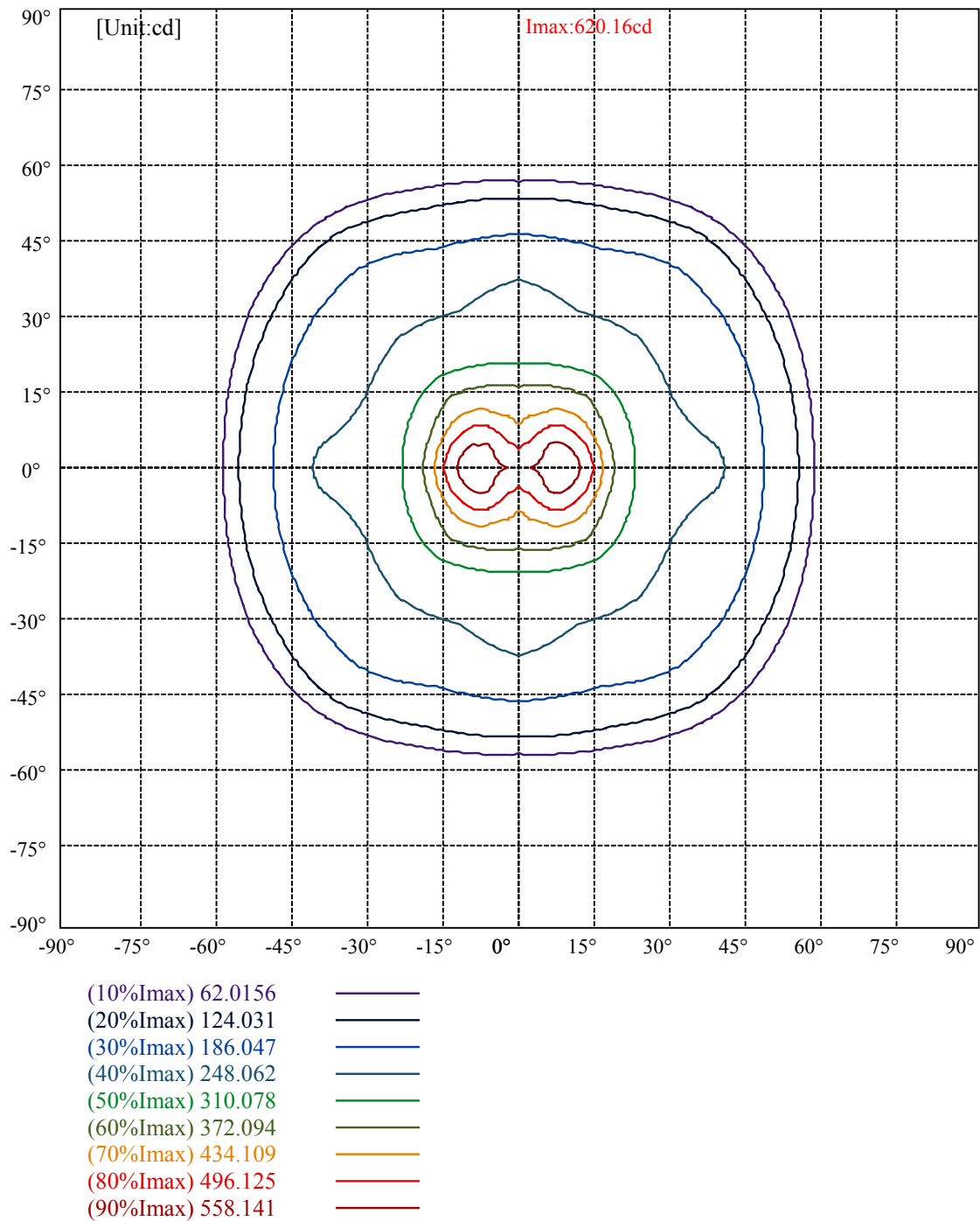
:C90/270Left:57.0 Right:57.0

Beam Angle(50%Imax):C0/180Left:38.6 Right:38.6

:C90/270Left:35.8 Right:35.8



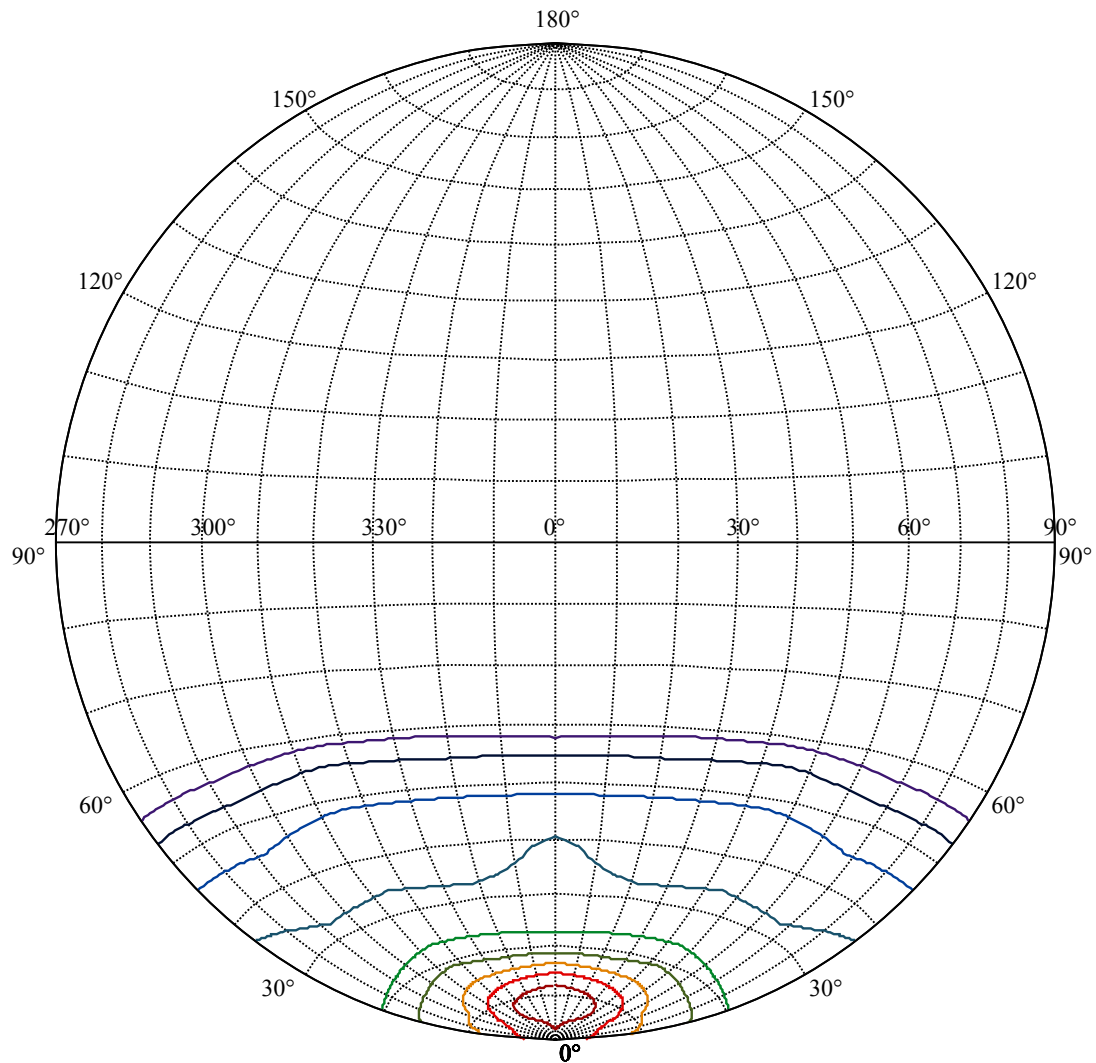
Max , Ave Beam angle of C0plane59.72



Equipment:
Temperature(°C): 25.6

Date: 2018-4-25
Humidity(%): 40.0%

Operator: Meteor
Distance(m): 14.44



House

[Unit:cd]

Road

Imax:620.16

(10%Imax) 62.0156

(20%Imax) 124.031

(30%Imax) 186.047

(40%Imax) 248.062

(50%Imax) 310.078

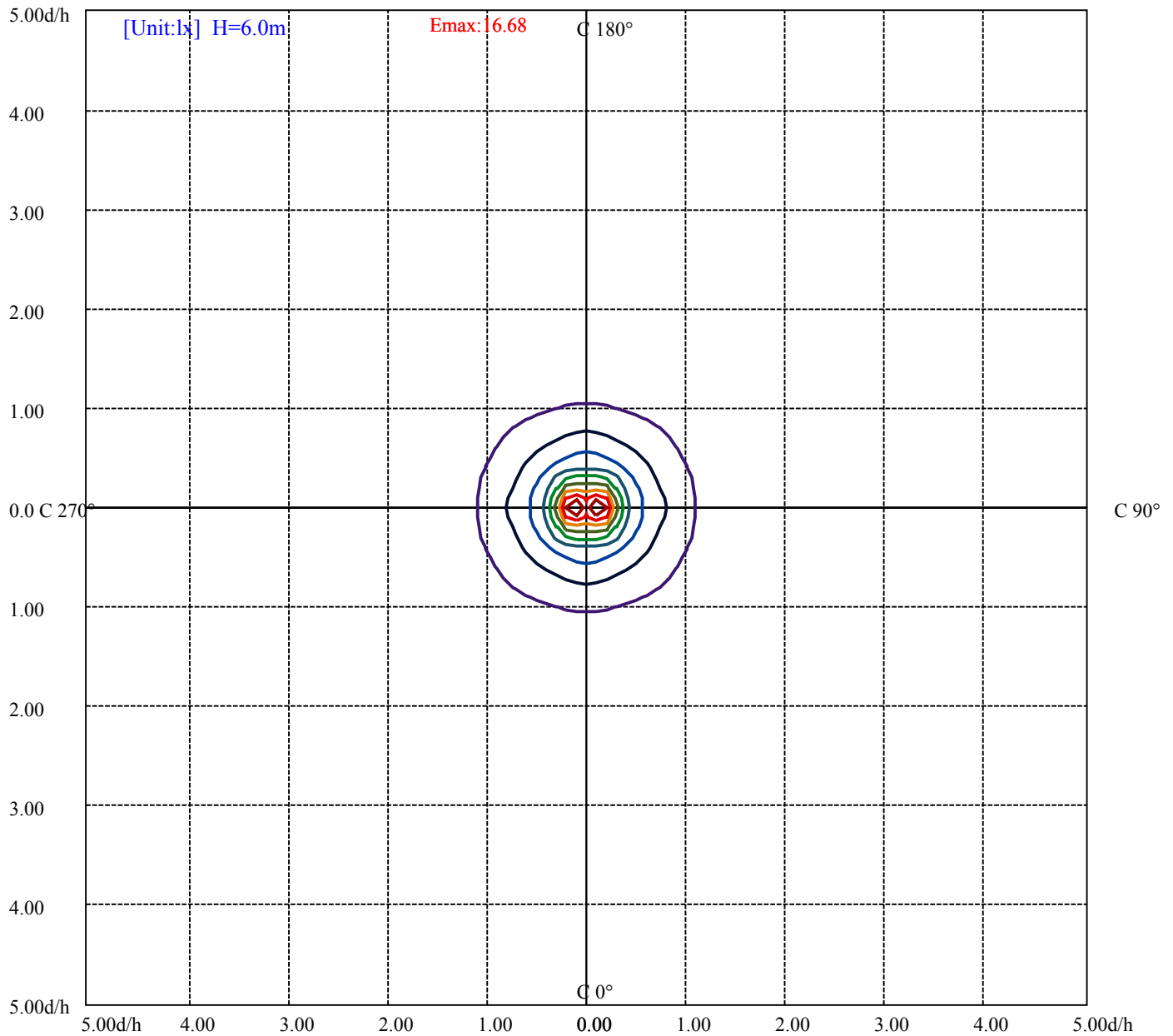
(60%Imax) 372.094

(70%Imax) 434.109

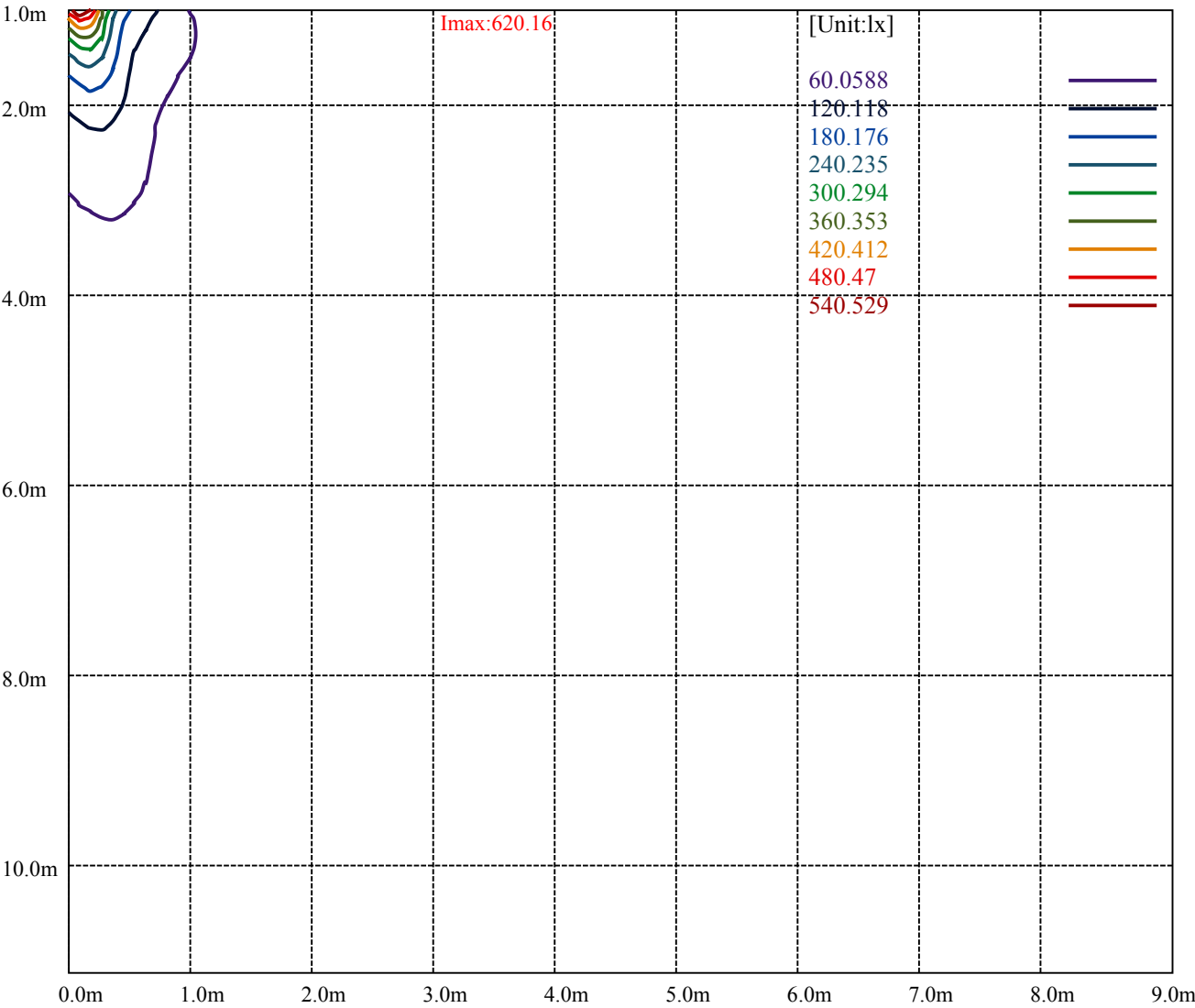
(80%Imax) 496.125

(90%Imax) 558.141





(10%Emax) 1.6683	—
(20%Emax) 3.33611	—
(30%Emax) 5.004889	—
(40%Emax) 6.673194	—
(50%Emax) 8.3415	—
(60%Emax) 10.00981	—
(70%Emax) 11.67808	—
(80%Emax) 13.34639	—
(90%Emax) 15.01469	—



Luminance Table

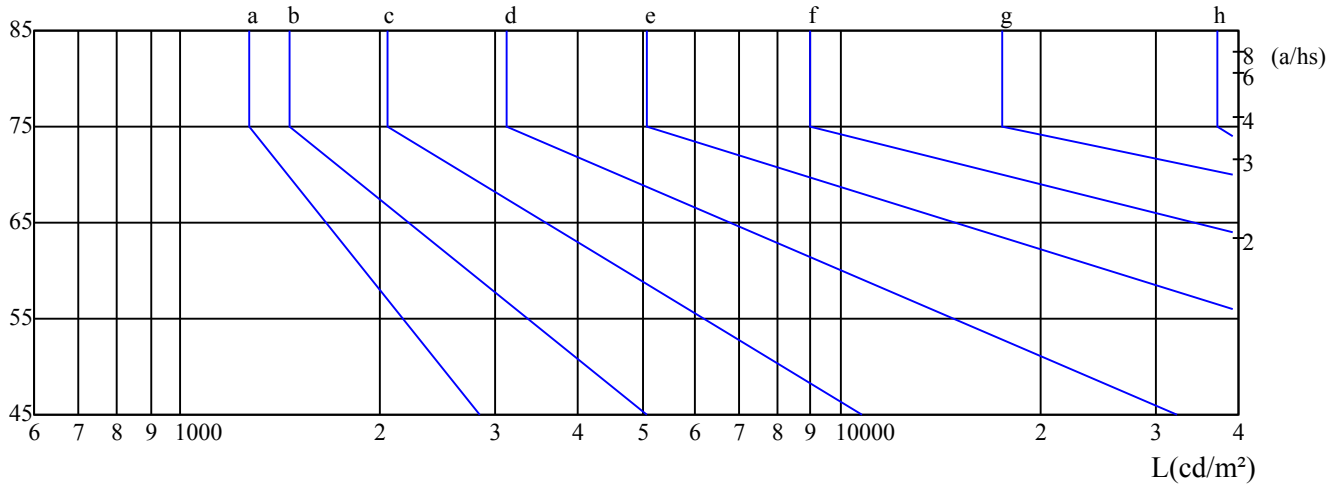
γ	45	50	55	60	65	70	75	80	85
C0	0	0	0	0	0	0	0	0	0
C45	0	0	0	0	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0

L横(65)	L纵(65)	L45(65)	L横(75)	L纵(75)	L45(75)	L横(85)	L纵(85)	L45(85)
0	0	0	0	0	0	0	0	0

Glare Table

Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	≤ 300				
1.5	B		2000	1000	500	≤ 300			
1.85	C			2000	1000	500	≤ 300		
2.2	D				2000	1000	500	≤ 300	
2.55	E					2000	1000	500	≤ 300
		a	b	c	d	e	f	g	h

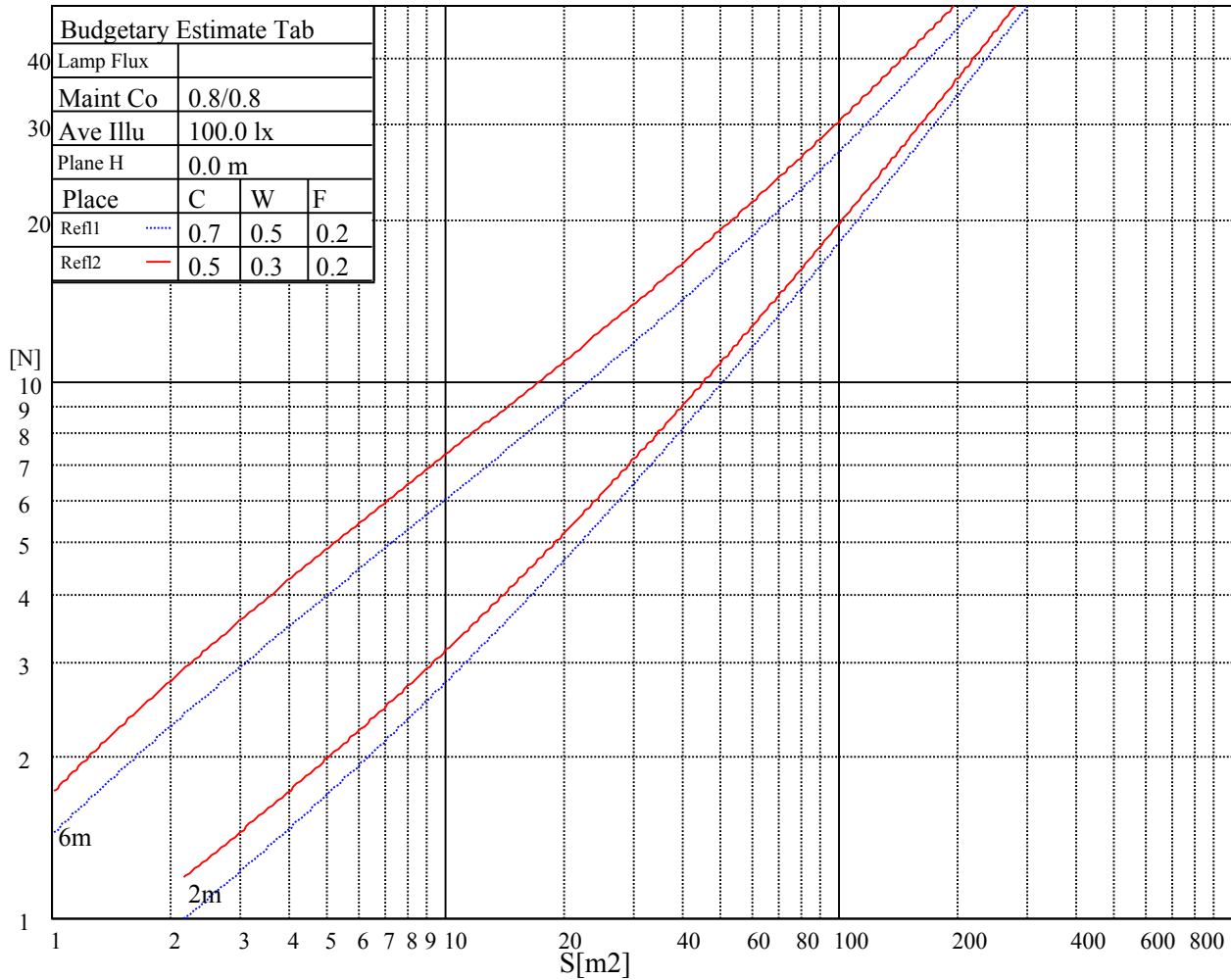
Luminance Limiting Curve

 $\gamma(^{\circ})$ 

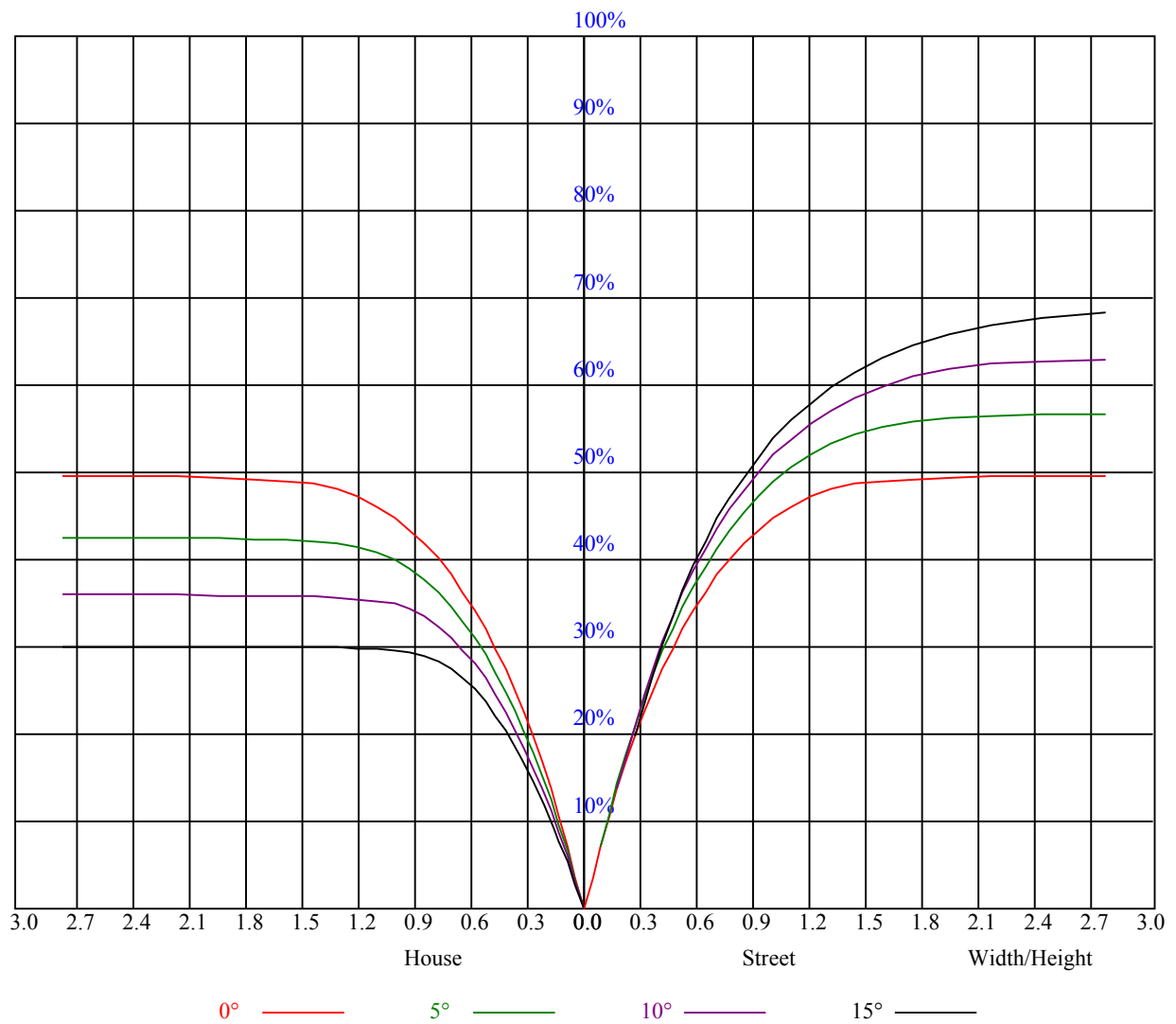
C0 ———

C45 ———

C90 ———



RHOC	80			70			50			30			10			0
RHOW	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR	COEFFICIENTS OF UTILIZATION RHOF=20 CU															
0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1	1.08	1.05	1.03	1.06	1.03	1.01	1.02	1.00	0.98	0.98	0.96	0.95	0.95	0.93	0.92	0.90
2	0.98	0.93	0.89	0.96	0.92	0.88	0.93	0.89	0.86	0.90	0.87	0.84	0.87	0.84	0.82	0.80
3	0.89	0.83	0.78	0.87	0.82	0.77	0.85	0.80	0.75	0.82	0.78	0.74	0.79	0.76	0.73	0.71
4	0.81	0.74	0.68	0.79	0.73	0.68	0.77	0.71	0.67	0.75	0.70	0.66	0.73	0.69	0.65	0.63
5	0.74	0.66	0.61	0.73	0.66	0.60	0.71	0.64	0.60	0.69	0.63	0.59	0.67	0.62	0.59	0.57
6	0.67	0.60	0.54	0.66	0.59	0.54	0.65	0.58	0.54	0.63	0.58	0.53	0.62	0.57	0.53	0.51
7	0.62	0.54	0.49	0.61	0.54	0.49	0.60	0.53	0.49	0.58	0.53	0.48	0.57	0.52	0.48	0.46
8	0.57	0.50	0.45	0.57	0.49	0.45	0.55	0.49	0.44	0.54	0.48	0.44	0.53	0.48	0.44	0.42
9	0.53	0.46	0.41	0.52	0.46	0.41	0.51	0.45	0.41	0.50	0.45	0.40	0.49	0.44	0.40	0.39
10	0.49	0.42	0.38	0.49	0.42	0.38	0.48	0.42	0.37	0.47	0.41	0.37	0.46	0.41	0.37	0.36



GAMA SONIC USA. INC Solar security light

Intensity data(cd)

Page: 18 Total:24

C/γ(°)	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0
0.0	508.42	542.61	551.57	565.75	580.97	598.06	614.32	620.16	615.78
22.5	508.42	511.97	520.51	531.98	545.74	561.16	575.34	585.14	586.39
45.0	508.42	511.55	516.97	522.81	530.31	537.61	541.57	543.44	540.73
67.5	508.42	508.84	510.09	509.26	505.92	500.50	491.12	481.12	472.15
90.0	508.42	508.01	505.30	499.25	492.79	484.45	471.94	459.44	443.80
112.5	508.42	508.84	510.09	509.26	505.92	500.50	491.12	481.12	472.15
135.0	508.42	511.55	516.97	522.81	530.31	537.61	541.57	543.44	540.73
157.5	508.42	511.97	520.51	531.98	545.74	561.16	575.34	585.14	586.39
180.0	508.42	542.61	551.57	565.75	580.97	598.06	614.32	620.16	615.78
202.5	508.42	511.97	520.51	531.98	545.74	561.16	575.34	585.14	586.39
225.0	508.42	511.55	516.97	522.81	530.31	537.61	541.57	543.44	540.73
247.5	508.42	508.84	510.09	509.26	505.92	500.50	491.12	481.12	472.15
270.0	508.42	508.01	505.30	499.25	492.79	484.45	471.94	459.44	443.80
292.5	508.42	508.84	510.09	509.26	505.92	500.50	491.12	481.12	472.15
315.0	508.42	511.55	516.97	522.81	530.31	537.61	541.57	543.44	540.73
337.5	508.42	511.97	520.51	531.98	545.74	561.16	575.34	585.14	586.39
360.0	508.42	542.61	551.57	565.75	580.97	598.06	614.32	620.16	615.78
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	607.86	596.39	579.92	561.58	541.15	514.68	486.95	451.52	423.17
22.5	578.88	568.67	553.66	533.44	511.76	487.79	461.10	430.25	403.78
45.0	536.15	523.43	508.01	490.71	473.82	452.97	435.26	420.04	405.24
67.5	463.81	449.85	436.72	425.67	415.04	405.24	394.82	385.85	375.01
90.0	428.59	424.42	411.07	399.40	390.65	384.60	377.72	369.59	357.71
112.5	467.77	449.85	436.72	425.67	415.04	405.24	394.82	385.85	375.01
135.0	529.27	523.43	508.01	490.71	473.82	452.97	435.26	420.04	405.24
157.5	566.79	568.67	553.66	533.44	511.76	487.79	461.10	430.25	403.78
180.0	607.86	596.39	579.92	561.58	541.15	514.68	486.95	451.52	423.17
202.5	578.88	568.67	553.66	533.44	511.76	487.79	461.10	430.25	403.78
225.0	536.15	523.43	508.01	490.71	473.82	452.97	435.26	420.04	405.24
247.5	463.81	449.85	436.72	425.67	415.04	405.24	394.82	385.85	375.01
270.0	428.59	424.42	411.07	399.40	390.65	384.60	377.72	369.59	357.71
292.5	451.31	449.85	436.72	425.67	415.04	405.24	394.82	385.85	375.01
315.0	535.11	523.43	508.01	490.71	473.82	452.97	435.26	420.04	405.24
337.5	588.68	568.67	553.66	533.44	511.76	487.79	461.10	430.25	403.78
360.0	607.86	596.39	579.92	561.58	541.15	514.68	486.95	451.52	423.17
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	392.52	364.59	345.62	328.11	316.64	307.26	301.43	294.55	289.13
22.5	380.43	360.84	345.20	331.44	320.40	312.06	305.18	298.51	291.63
45.0	390.65	374.60	358.75	345.62	332.28	317.27	305.18	293.51	285.58
67.5	360.63	344.99	330.40	316.44	303.93	292.88	284.75	278.29	273.29
90.0	344.16	329.57	314.14	298.30	289.75	283.71	280.79	279.75	279.33
112.5	360.63	344.99	330.40	316.44	303.93	292.88	284.75	278.29	273.29
135.0	390.65	374.60	358.75	345.62	332.28	317.27	305.18	293.51	285.58
157.5	380.43	360.84	345.20	331.44	320.40	312.06	305.18	298.51	291.63
180.0	392.52	364.59	345.62	328.11	316.64	307.26	301.43	294.55	289.13
202.5	380.43	360.84	345.20	331.44	320.40	312.06	305.18	298.51	291.63
225.0	390.65	374.60	358.75	345.62	332.28	317.27	305.18	293.51	285.58
247.5	360.63	344.99	330.40	316.44	303.93	292.88	284.75	278.29	273.29
270.0	344.16	329.57	314.14	298.30	289.75	283.71	280.79	279.75	279.33
292.5	360.63	344.99	330.40	316.44	303.93	292.88	284.75	278.29	273.29
315.0	390.65	374.60	358.75	345.62	332.28	317.27	305.18	293.51	285.58
337.5	380.43	360.84	345.20	331.44	320.40	312.06	305.18	298.51	291.63
360.0	392.52	364.59	345.62	328.11	316.64	307.26	301.43	294.55	289.13

Equipment:
Temperature(°C): 25.6

Date: 2018-4-25
Humidity(%): 40.0%

Operator: Meteor
Distance(m): 14.44

GAMA SONIC USA. INC Solar security light

Intensity data(cd)										Page: 19 Total:24	
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0		
0.0	283.71	278.29	274.54	270.78	266.20	263.91	262.03	259.74	258.90		
22.5	284.13	277.66	270.58	263.91	257.65	251.81	247.02	242.64	238.89		
45.0	277.45	270.78	265.36	261.61	258.49	255.36	251.81	248.69	245.14		
67.5	269.74	265.99	262.03	258.49	254.52	250.15	246.39	241.18	235.35		
90.0	278.50	277.25	275.37	273.08	270.58	268.07	265.36	262.03	258.49		
112.5	269.74	265.99	262.03	258.49	254.52	250.15	246.39	241.18	235.35		
135.0	277.45	270.78	265.36	261.61	258.49	255.36	251.81	248.69	245.14		
157.5	284.13	277.66	270.58	263.91	257.65	251.81	247.02	242.64	238.89		
180.0	283.71	278.29	274.54	270.78	266.20	263.91	262.03	259.74	258.90		
202.5	284.13	277.66	270.58	263.91	257.65	251.81	247.02	242.64	238.89		
225.0	277.45	270.78	265.36	261.61	258.49	255.36	251.81	248.69	245.14		
247.5	269.74	265.99	262.03	258.49	254.52	250.15	246.39	241.18	235.35		
270.0	278.50	277.25	275.37	273.08	270.58	268.07	265.36	262.03	258.49		
292.5	269.74	265.99	262.03	258.49	254.52	250.15	246.39	241.18	235.35		
315.0	277.45	270.78	265.36	261.61	258.49	255.36	251.81	248.69	245.14		
337.5	284.13	277.66	270.58	263.91	257.65	251.81	247.02	242.64	238.89		
360.0	283.71	278.29	274.54	270.78	266.20	263.91	262.03	259.74	258.90		
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0		
0.0	257.65	256.40	255.36	253.48	250.36	245.77	242.64	239.31	233.05		
22.5	235.76	233.26	231.59	230.34	228.05	225.55	221.38	217.21	212.83		
45.0	241.60	237.22	232.01	228.68	224.92	221.38	216.79	213.04	209.29		
67.5	230.34	225.34	220.75	215.54	210.54	205.75	201.37	196.78	191.78		
90.0	253.27	247.65	240.56	232.01	224.51	217.63	210.33	204.29	197.82		
112.5	230.34	225.34	220.75	215.54	210.54	205.75	201.37	196.78	191.78		
135.0	241.60	237.22	232.01	228.68	224.92	221.38	216.79	213.04	209.29		
157.5	235.76	233.26	231.59	230.34	228.05	225.55	221.38	217.21	212.83		
180.0	257.65	256.40	255.36	253.48	250.36	245.77	242.64	239.31	233.05		
202.5	235.76	233.26	231.59	230.34	228.05	225.55	221.38	217.21	212.83		
225.0	241.60	237.22	232.01	228.68	224.92	221.38	216.79	213.04	209.29		
247.5	230.34	225.34	220.75	215.54	210.54	205.75	201.37	196.78	191.78		
270.0	253.27	247.65	240.56	232.01	224.51	217.63	210.33	204.29	197.82		
292.5	230.34	225.34	220.75	215.54	210.54	205.75	201.37	196.78	191.78		
315.0	241.60	237.22	232.01	228.68	224.92	221.38	216.79	213.04	209.29		
337.5	235.76	233.26	231.59	230.34	228.05	225.55	221.38	217.21	212.83		
360.0	257.65	256.40	255.36	253.48	250.36	245.77	242.64	239.31	233.05		
C/γ(°)	45.0	46.0	47.0	48.0	49.0	50.0	51.0	52.0	53.0		
0.0	222.84	210.75	197.20	185.94	177.81	170.31	167.39	162.18	153.63		
22.5	209.92	205.75	197.20	187.19	175.52	164.47	154.05	145.09	139.04		
45.0	205.75	202.20	196.78	189.90	181.36	173.64	164.89	157.59	151.34		
67.5	186.78	180.94	175.31	169.27	162.80	155.09	147.38	139.04	124.87		
90.0	190.95	184.28	175.94	169.06	161.76	154.88	147.80	136.75	120.70		
112.5	186.78	180.94	175.31	169.27	162.80	155.09	147.38	139.04	124.87		
135.0	205.75	202.20	196.78	189.90	181.36	173.64	164.89	157.59	151.34		
157.5	209.92	205.75	197.20	187.19	175.52	164.47	154.05	145.09	139.04		
180.0	222.84	210.75	197.20	185.94	177.81	170.31	167.39	162.18	153.63		
202.5	209.92	205.75	197.20	187.19	175.52	164.47	154.05	145.09	139.04		
225.0	205.75	202.20	196.78	189.90	181.36	173.64	164.89	157.59	151.34		
247.5	186.78	180.94	175.31	169.27	162.80	155.09	147.38	139.04	124.87		
270.0	190.95	184.28	175.94	169.06	161.76	154.88	147.80	136.75	120.70		
292.5	186.78	180.94	175.31	169.27	162.80	155.09	147.38	139.04	124.87		
315.0	205.75	202.20	196.78	189.90	181.36	173.64	164.89	157.59	151.34		
337.5	209.92	205.75	197.20	187.19	175.52	164.47	154.05	145.09	139.04		
360.0	222.84	210.75	197.20	185.94	177.81	170.31	167.39	162.18	153.63		

Equipment:
Temperature(°C): 25.6

Date: 2018-4-25
Humidity(%): 40.0%

Operator: Meteor
Distance(m): 14.44

GAMA SONIC USA. INC Solar security light

Intensity data(cd) Page: 20 Total:24

C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	138.62	121.32	101.10	81.09	57.53	39.40	23.76	13.76	8.96
22.5	133.62	121.32	107.15	90.68	72.13	54.82	37.73	21.47	11.05
45.0	143.63	132.99	115.90	98.18	75.88	57.12	39.61	26.47	18.76
67.5	109.86	95.06	76.50	57.53	45.23	37.52	31.27	29.18	27.52
90.0	102.14	81.30	62.75	51.07	43.36	35.44	32.52	30.85	31.69
112.5	109.86	95.06	76.50	57.53	45.23	37.52	31.27	29.18	27.52
135.0	143.63	132.99	115.90	98.18	75.88	57.12	39.61	26.47	18.76
157.5	133.62	121.32	107.15	90.68	72.13	54.82	37.73	21.47	11.05
180.0	138.62	121.32	101.10	81.09	57.53	39.40	23.76	13.76	8.96
202.5	133.62	121.32	107.15	90.68	72.13	54.82	37.73	21.47	11.05
225.0	143.63	132.99	115.90	98.18	75.88	57.12	39.61	26.47	18.76
247.5	109.86	95.06	76.50	57.53	45.23	37.52	31.27	29.18	27.52
270.0	102.14	81.30	62.75	51.07	43.36	35.44	32.52	30.85	31.69
292.5	109.86	95.06	76.50	57.53	45.23	37.52	31.27	29.18	27.52
315.0	143.63	132.99	115.90	98.18	75.88	57.12	39.61	26.47	18.76
337.5	133.62	121.32	107.15	90.68	72.13	54.82	37.73	21.47	11.05
360.0	138.62	121.32	101.10	81.09	57.53	39.40	23.76	13.76	8.96
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	8.13	8.34	8.76	9.59	10.84	11.67	10.42	6.46	5.21
22.5	6.25	4.79	4.79	4.79	5.21	5.42	4.59	3.13	2.71
45.0	13.76	10.63	7.92	5.84	4.59	3.54	3.13	3.13	2.92
67.5	26.89	24.60	18.76	12.92	7.30	3.54	2.71	2.50	2.29
90.0	30.64	26.27	17.51	10.01	5.63	4.38	3.96	3.54	3.13
112.5	26.89	24.60	18.76	12.92	7.30	3.54	2.71	2.50	2.29
135.0	13.76	10.63	7.92	5.84	4.59	3.54	3.13	3.13	2.92
157.5	6.25	4.79	4.79	4.79	5.21	5.42	4.59	3.13	2.71
180.0	8.13	8.34	8.76	9.59	10.84	11.67	10.42	6.46	5.21
202.5	6.25	4.79	4.79	4.79	5.21	5.42	4.59	3.13	2.71
225.0	13.76	10.63	7.92	5.84	4.59	3.54	3.13	3.13	2.92
247.5	26.89	24.60	18.76	12.92	7.30	3.54	2.71	2.50	2.29
270.0	30.64	26.27	17.51	10.01	5.63	4.38	3.96	3.54	3.13
292.5	26.89	24.60	18.76	12.92	7.30	3.54	2.71	2.50	2.29
315.0	13.76	10.63	7.92	5.84	4.59	3.54	3.13	3.13	2.92
337.5	6.25	4.79	4.79	4.79	5.21	5.42	4.59	3.13	2.71
360.0	8.13	8.34	8.76	9.59	10.84	11.67	10.42	6.46	5.21
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	5.00	4.38	4.17	4.38	4.38	4.59	5.42	5.00	4.79
22.5	2.50	2.29	2.29	2.08	1.88	1.67	1.67	1.46	1.46
45.0	2.71	2.71	2.71	2.50	2.50	2.50	2.50	2.50	2.50
67.5	2.29	2.08	1.88	1.88	1.88	1.67	1.46	1.46	1.25
90.0	2.92	2.71	2.50	2.29	2.50	2.50	2.71	2.71	2.50
112.5	2.29	2.08	1.88	1.88	1.88	1.67	1.46	1.46	1.25
135.0	2.71	2.71	2.71	2.50	2.50	2.50	2.50	2.50	2.50
157.5	2.50	2.29	2.29	2.08	1.88	1.67	1.67	1.46	1.46
180.0	5.00	4.38	4.17	4.38	4.38	4.59	5.42	5.00	4.79
202.5	2.50	2.29	2.29	2.08	1.88	1.67	1.67	1.46	1.46
225.0	2.71	2.71	2.71	2.50	2.50	2.50	2.50	2.50	2.50
247.5	2.29	2.08	1.88	1.88	1.88	1.67	1.46	1.46	1.25
270.0	2.92	2.71	2.50	2.29	2.50	2.50	2.71	2.71	2.50
292.5	2.29	2.08	1.88	1.88	1.88	1.67	1.46	1.46	1.25
315.0	2.71	2.71	2.71	2.50	2.50	2.50	2.50	2.50	2.50
337.5	2.50	2.29	2.29	2.08	1.88	1.67	1.67	1.46	1.46
360.0	5.00	4.38	4.17	4.38	4.38	4.59	5.42	5.00	4.79

Equipment:
Temperature(°C): 25.6Date: 2018-4-25
Humidity(%): 40.0%Operator: Meteor
Distance(m): 14.44

GAMA SONIC USA. INC Solar security light

Intensity data(cd)										Page: 21 Total:24	
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0		
0.0	4.79	3.75	2.71	2.08	1.25	1.04	0.83	0.63	0.63		
22.5	1.25	1.04	1.04	0.83	0.83	0.63	0.63	0.42	0.42		
45.0	2.29	2.08	1.67	1.25	1.04	0.83	0.63	0.63	0.42		
67.5	1.25	1.04	1.04	0.83	0.63	0.63	0.42	0.42	0.42		
90.0	2.50	2.29	1.88	1.25	0.83	0.42	0.42	0.42	0.21		
112.5	1.25	1.04	1.04	0.83	0.63	0.63	0.42	0.42	0.42		
135.0	2.29	2.08	1.67	1.25	1.04	0.83	0.63	0.63	0.42		
157.5	1.25	1.04	1.04	0.83	0.83	0.63	0.63	0.42	0.42		
180.0	4.79	3.75	2.71	2.08	1.25	1.04	0.83	0.63	0.63		
202.5	1.25	1.04	1.04	0.83	0.83	0.63	0.63	0.42	0.42		
225.0	2.29	2.08	1.67	1.25	1.04	0.83	0.63	0.63	0.42		
247.5	1.25	1.04	1.04	0.83	0.63	0.63	0.42	0.42	0.42		
270.0	2.50	2.29	1.88	1.25	0.83	0.42	0.42	0.42	0.21		
292.5	1.25	1.04	1.04	0.83	0.63	0.63	0.42	0.42	0.42		
315.0	2.29	2.08	1.67	1.25	1.04	0.83	0.63	0.63	0.42		
337.5	1.25	1.04	1.04	0.83	0.83	0.63	0.63	0.42	0.42		
360.0	4.79	3.75	2.71	2.08	1.25	1.04	0.83	0.63	0.63		
C/γ(°)	90.0	91.0	92.0	93.0	94.0	95.0	96.0	97.0	98.0		
0.0	0.63	0.42	0.42	0.42	0.63	0.42	0.42	0.42	0.42		
22.5	0.42	0.42	0.42	0.42	0.42	0.21	0.42	0.21	0.42		
45.0	0.42	0.42	0.42	0.21	0.21	0.21	0.21	0.21	0.21		
67.5	0.42	0.42	0.42	0.42	0.21	0.21	0.21	0.21	0.21		
90.0	0.21	0.42	0.21	0.21	0.21	0.21	0.21	0.21	0.21		
112.5	0.42	0.42	0.42	0.42	0.21	0.21	0.21	0.21	0.21		
135.0	0.42	0.42	0.42	0.21	0.21	0.21	0.21	0.21	0.21		
157.5	0.42	0.42	0.42	0.42	0.42	0.21	0.42	0.21	0.42		
180.0	0.63	0.42	0.42	0.42	0.63	0.42	0.42	0.42	0.42		
202.5	0.42	0.42	0.42	0.42	0.42	0.21	0.42	0.21	0.42		
225.0	0.42	0.42	0.42	0.21	0.21	0.21	0.21	0.21	0.21		
247.5	0.42	0.42	0.42	0.42	0.21	0.21	0.21	0.21	0.21		
270.0	0.21	0.42	0.21	0.21	0.21	0.21	0.21	0.21	0.21		
292.5	0.42	0.42	0.42	0.42	0.21	0.21	0.21	0.21	0.21		
315.0	0.42	0.42	0.42	0.21	0.21	0.21	0.21	0.21	0.21		
337.5	0.42	0.42	0.42	0.42	0.42	0.21	0.42	0.21	0.42		
360.0	0.63	0.42	0.42	0.42	0.63	0.42	0.42	0.42	0.42		
C/γ(°)	99.0	100.0	101.0	102.0	103.0	104.0	105.0	106.0	107.0		
0.0	0.42	0.42	0.21	0.42	0.21	0.42	0.42	0.42	0.42		
22.5	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21		
45.0	0.21	0.21	0.21	0.21	0.21	0.42	0.42	0.21	0.21		
67.5	0.21	0.42	0.21	0.42	0.42	0.21	0.42	0.42	0.42		
90.0	0.42	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21		
112.5	0.21	0.42	0.21	0.42	0.42	0.21	0.42	0.42	0.42		
135.0	0.21	0.21	0.21	0.21	0.21	0.42	0.42	0.21	0.21		
157.5	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21		
180.0	0.42	0.42	0.21	0.42	0.21	0.42	0.42	0.42	0.42		
202.5	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21		
225.0	0.21	0.21	0.21	0.21	0.21	0.42	0.42	0.21	0.21		
247.5	0.21	0.42	0.21	0.42	0.42	0.21	0.42	0.42	0.42		
270.0	0.42	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21		
292.5	0.21	0.42	0.21	0.42	0.42	0.21	0.42	0.42	0.42		
315.0	0.21	0.21	0.21	0.21	0.21	0.42	0.42	0.21	0.21		
337.5	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21		
360.0	0.42	0.42	0.21	0.42	0.21	0.42	0.42	0.42	0.42		

Equipment:
Temperature(°C): 25.6

Date: 2018-4-25
Humidity(%): 40.0%

Operator: Meteor
Distance(m): 14.44

GAMA SONIC USA. INC Solar security light

Intensity data(cd)									Page: 22 Total:24
C/γ(°)	108.0	109.0	110.0	111.0	112.0	113.0	114.0	115.0	116.0
0.0	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42
22.5	0.21	0.42	0.42	0.21	0.21	0.21	0.42	0.42	0.42
45.0	0.42	0.42	0.21	0.42	0.42	0.42	0.42	0.42	0.42
67.5	0.42	0.42	0.42	0.42	0.21	0.42	0.42	0.42	0.42
90.0	0.21	0.21	0.21	0.42	0.21	0.21	0.42	0.21	0.42
112.5	0.42	0.42	0.42	0.42	0.21	0.42	0.42	0.42	0.42
135.0	0.42	0.42	0.21	0.42	0.42	0.42	0.42	0.42	0.42
157.5	0.21	0.42	0.42	0.21	0.21	0.21	0.42	0.42	0.42
180.0	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42
202.5	0.21	0.42	0.42	0.21	0.21	0.21	0.42	0.42	0.42
225.0	0.42	0.42	0.21	0.42	0.42	0.42	0.42	0.42	0.42
247.5	0.42	0.42	0.42	0.42	0.21	0.42	0.42	0.42	0.42
270.0	0.21	0.21	0.21	0.42	0.21	0.21	0.42	0.21	0.42
292.5	0.42	0.42	0.42	0.42	0.21	0.42	0.42	0.42	0.42
315.0	0.42	0.42	0.21	0.42	0.42	0.42	0.42	0.42	0.42
337.5	0.21	0.42	0.42	0.21	0.21	0.21	0.42	0.42	0.42
360.0	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42
C/γ(°)	117.0	118.0	119.0	120.0	121.0	122.0	123.0	124.0	125.0
0.0	0.42	0.42	0.63	0.63	0.63	0.63	0.42	0.42	0.63
22.5	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.63	0.42
45.0	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42
67.5	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.63
90.0	0.42	0.42	0.21	0.42	0.21	0.42	0.42	0.42	0.42
112.5	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.63
135.0	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42
157.5	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.63	0.42
180.0	0.42	0.42	0.63	0.63	0.63	0.63	0.42	0.42	0.63
202.5	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.63	0.42
225.0	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42
247.5	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.63
270.0	0.42	0.42	0.21	0.42	0.21	0.42	0.42	0.42	0.42
292.5	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.63
315.0	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42
337.5	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.63	0.42
360.0	0.42	0.42	0.63	0.63	0.63	0.63	0.42	0.42	0.63
C/γ(°)	126.0	127.0	128.0	129.0	130.0	131.0	132.0	133.0	134.0
0.0	0.63	0.42	0.63	0.63	0.63	0.63	0.63	0.63	0.63
22.5	0.42	0.42	0.42	0.42	0.63	0.63	0.63	0.63	0.63
45.0	0.63	0.42	0.42	0.42	0.63	0.63	0.63	0.63	0.63
67.5	0.63	0.63	0.63	0.42	0.63	0.63	0.63	0.63	0.63
90.0	0.42	0.42	0.42	0.63	0.42	0.42	0.42	0.63	0.42
112.5	0.63	0.63	0.63	0.42	0.63	0.63	0.63	0.63	0.63
135.0	0.63	0.42	0.42	0.42	0.63	0.63	0.63	0.63	0.63
157.5	0.42	0.42	0.42	0.42	0.63	0.63	0.63	0.63	0.63
180.0	0.63	0.42	0.63	0.63	0.63	0.63	0.63	0.63	0.63
202.5	0.42	0.42	0.42	0.42	0.63	0.63	0.63	0.63	0.63
225.0	0.63	0.42	0.42	0.42	0.63	0.63	0.63	0.63	0.63
247.5	0.63	0.63	0.63	0.42	0.63	0.63	0.63	0.63	0.63
270.0	0.42	0.42	0.42	0.63	0.42	0.42	0.42	0.63	0.42
292.5	0.63	0.63	0.63	0.42	0.63	0.63	0.63	0.63	0.63
315.0	0.63	0.42	0.42	0.42	0.63	0.63	0.63	0.63	0.63
337.5	0.42	0.42	0.42	0.42	0.63	0.63	0.63	0.63	0.63
360.0	0.63	0.42	0.63	0.63	0.63	0.63	0.63	0.63	0.63

Equipment:
Temperature(°C): 25.6

Date: 2018-4-25
Humidity(%): 40.0%

Operator: Meteor
Distance(m): 14.44

GAMA SONIC USA. INC Solar security light

Intensity data(cd)									Page: 23 Total:24
C/γ(°)	135.0	136.0	137.0	138.0	139.0	140.0	141.0	142.0	143.0
0.0	0.63	0.63	0.83	0.83	0.83	0.83	0.83	0.83	0.83
22.5	0.63	0.63	0.63	0.63	0.63	0.83	0.63	0.63	0.63
45.0	0.63	0.63	0.63	0.63	0.63	0.63	0.83	0.63	0.63
67.5	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.83	0.83
90.0	0.42	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.83
112.5	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.83	0.83
135.0	0.63	0.63	0.63	0.63	0.63	0.63	0.83	0.63	0.63
157.5	0.63	0.63	0.63	0.63	0.63	0.83	0.63	0.63	0.63
180.0	0.63	0.63	0.83	0.83	0.83	0.83	0.83	0.83	0.83
202.5	0.63	0.63	0.63	0.63	0.63	0.83	0.63	0.63	0.63
225.0	0.63	0.63	0.63	0.63	0.63	0.63	0.83	0.63	0.63
247.5	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.83	0.83
270.0	0.42	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.83
292.5	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.83	0.83
315.0	0.63	0.63	0.63	0.63	0.63	0.63	0.83	0.63	0.63
337.5	0.63	0.63	0.63	0.63	0.63	0.83	0.63	0.63	0.63
360.0	0.63	0.63	0.83	0.83	0.83	0.83	0.83	0.83	0.83
C/γ(°)	144.0	145.0	146.0	147.0	148.0	149.0	150.0	151.0	152.0
0.0	0.83	0.83	1.04	0.83	0.83	0.83	1.04	1.04	0.83
22.5	0.83	0.83	0.63	0.63	0.63	0.83	0.83	0.83	0.83
45.0	0.63	0.83	0.83	0.83	0.63	0.83	0.83	0.83	0.83
67.5	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83
90.0	0.63	0.63	0.63	0.63	0.63	0.83	0.83	0.63	0.63
112.5	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83
135.0	0.63	0.83	0.83	0.83	0.63	0.83	0.83	0.83	0.83
157.5	0.83	0.83	0.63	0.63	0.63	0.83	0.83	0.83	0.83
180.0	0.83	0.83	1.04	0.83	0.83	0.83	1.04	1.04	0.83
202.5	0.83	0.83	0.63	0.63	0.63	0.83	0.83	0.83	0.83
225.0	0.63	0.83	0.83	0.83	0.63	0.83	0.83	0.83	0.83
247.5	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83
270.0	0.63	0.63	0.63	0.63	0.63	0.83	0.83	0.63	0.63
292.5	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83
315.0	0.63	0.83	0.83	0.83	0.63	0.83	0.83	0.83	0.83
337.5	0.83	0.83	0.63	0.63	0.63	0.83	0.83	0.83	0.83
360.0	0.83	0.83	1.04	0.83	0.83	0.83	1.04	1.04	0.83
C/γ(°)	153.0	154.0	155.0	156.0	157.0	158.0	159.0	160.0	161.0
0.0	1.04	1.04	1.04	1.04	1.04	1.04	1.25	1.04	1.04
22.5	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	1.04
45.0	1.04	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83
67.5	0.83	0.83	0.83	1.04	1.04	1.04	0.83	0.83	1.04
90.0	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.63	0.83
112.5	0.83	0.83	0.83	1.04	1.04	1.04	0.83	0.83	1.04
135.0	1.04	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83
157.5	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	1.04
180.0	1.04	1.04	1.04	1.04	1.04	1.04	1.25	1.04	1.04
202.5	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	1.04
225.0	1.04	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83
247.5	0.83	0.83	0.83	1.04	1.04	1.04	0.83	0.83	1.04
270.0	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.63	0.83
292.5	0.83	0.83	0.83	1.04	1.04	1.04	0.83	0.83	1.04
315.0	1.04	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83
337.5	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	1.04
360.0	1.04	1.04	1.04	1.04	1.04	1.04	1.25	1.04	1.04

Equipment:
Temperature(°C): 25.6

Date: 2018-4-25
Humidity(%): 40.0%

Operator: Meteor
Distance(m): 14.44

GAMA SONIC USA. INC Solar security light

Intensity data(cd)									Page: 24 Total:24
C/γ(°)	162.0	163.0	164.0	165.0	166.0	167.0	168.0	169.0	170.0
0.0	1.25	1.04	1.04	1.04	1.04	1.04	1.25	1.04	1.04
22.5	0.83	0.83	0.83	0.83	1.04	1.04	0.83	1.04	0.83
45.0	1.04	1.04	0.83	0.83	1.04	0.83	0.83	1.04	1.04
67.5	1.04	0.83	1.04	1.04	1.04	1.04	1.04	1.04	1.04
90.0	0.83	0.83	1.04	0.83	0.83	0.83	1.04	1.04	0.83
112.5	1.04	0.83	1.04	1.04	1.04	1.04	1.04	1.04	1.04
135.0	1.04	1.04	0.83	0.83	1.04	0.83	0.83	1.04	1.04
157.5	0.83	0.83	0.83	0.83	1.04	1.04	0.83	1.04	0.83
180.0	1.25	1.04	1.04	1.04	1.04	1.04	1.25	1.04	1.04
202.5	0.83	0.83	0.83	0.83	1.04	1.04	0.83	1.04	0.83
225.0	1.04	1.04	0.83	0.83	1.04	0.83	0.83	1.04	1.04
247.5	1.04	0.83	1.04	1.04	1.04	1.04	1.04	1.04	1.04
270.0	0.83	0.83	1.04	0.83	0.83	0.83	1.04	1.04	0.83
292.5	1.04	0.83	1.04	1.04	1.04	1.04	1.04	1.04	1.04
315.0	1.04	1.04	0.83	0.83	1.04	0.83	0.83	1.04	1.04
337.5	0.83	0.83	0.83	0.83	1.04	1.04	0.83	1.04	0.83
360.0	1.25	1.04	1.04	1.04	1.04	1.04	1.25	1.04	1.04
C/γ(°)	171.0	172.0	173.0	174.0	175.0	176.0	177.0	178.0	179.0
0.0	1.04	1.25	1.04	1.04	1.04	1.04	1.25	1.25	1.25
22.5	1.04	0.83	0.83	1.04	1.04	0.83	1.04	1.04	1.04
45.0	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04
67.5	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04
90.0	1.04	0.83	0.83	0.83	1.04	1.04	0.83	0.83	1.04
112.5	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04
135.0	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04
157.5	1.04	0.83	0.83	1.04	1.04	0.83	1.04	1.04	1.04
180.0	1.04	1.25	1.04	1.04	1.04	1.04	1.25	1.25	1.25
202.5	1.04	0.83	0.83	1.04	1.04	0.83	1.04	1.04	1.04
225.0	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04
247.5	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04
270.0	1.04	0.83	0.83	0.83	1.04	1.04	0.83	0.83	1.04
292.5	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04
315.0	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04
337.5	1.04	0.83	0.83	1.04	1.04	0.83	1.04	1.04	1.04
360.0	1.04	1.25	1.04	1.04	1.04	1.04	1.25	1.25	1.25
C/γ(°)	180.0								
0.0	1.04								
22.5	1.04								
45.0	1.04								
67.5	1.04								
90.0	1.04								
112.5	1.04								
135.0	1.04								
157.5	1.04								
180.0	1.04								
202.5	1.04								
225.0	1.04								
247.5	1.04								
270.0	1.04								
292.5	1.04								
315.0	1.04								
337.5	1.04								
360.0	1.04								

Equipment:
Temperature(°C): 25.6

Date: 2018-4-25
Humidity(%): 40.0%

Operator: Meteor
Distance(m): 14.44