



Bell-Southcn Testing Laboratory(Shenzhen)
www.bell-southcn.com
Email:Marketing@bell-southcn.com
Tel:+86 755 29405577 Fax:+86 755 29405799
Address:No.115,1st Floor,A5 Building,Tianrui Industrial Park,Fuyuan 1st Road,Fuyong,Bao'an District,Shenzhen,China.

TroyCSL Lighting

Client:

LumCAT: B1212-SBK

Luminaire:

Report No: BSR202203020201-9

Ballast type:

Test No: BSR202203020201-9

Voltage(V): 120.000

LampCAT: GU10 6W

Current(A): 0.053

Lamp flux(lm)

Power (W): 5.931

Number of Lamps: 1

PF: 1.000

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 384.50, Luminous Efficacy(lm/W): 64.83

Central intensity(cd): 593.937, Maximum intensity(cd): 610.006

Angle of maximum intensity: C=315.0 γ =4.0

Beam Angle(50%Imax): [C0/180]Total=42.2

[C90/270]Total=32.1

Field angle(10%Imax): [C0/180]Total=103.7

[C90/270]Total=66.6

Maximum s/h(1/2): C0_180=0.65 C90_270=0.27

Maximum s/h(1/4): C0_180=0.75 C90_270=0.24

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 92.168%

Equipment: GMS1800
Temperature(°C): 25.0

Date: 2022/3/2
Humidity(%): 59.0%

Operator: 01
Distance(m): 10.68

TroyCSL Lighting B1212-SBK

Zonal flux distribution table

Appendix Page: 2 Total:21

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	593.937	0.000	0	0.00%	0.00%
1.0	592.526	0.568	0.568	0.15%	0.15%
2.0	590.943	1.699	2.266	0.44%	0.59%
3.0	585.546	2.814	5.08	0.73%	1.32%
4.0	578.368	3.896	8.976	1.01%	2.33%
5.0	568.815	4.935	13.911	1.28%	3.62%
6.0	552.939	5.895	19.806	1.53%	5.15%
7.0	536.378	6.761	26.568	1.76%	6.91%
8.0	511.085	7.496	34.064	1.95%	8.86%
9.0	485.043	8.073	42.137	2.10%	10.96%
10.0	455.957	8.516	50.653	2.21%	13.17%
11.0	418.801	8.741	59.394	2.27%	15.45%
12.0	391.975	8.863	68.257	2.31%	17.75%
13.0	362.654	8.956	77.212	2.33%	20.08%
14.0	336.669	8.951	86.163	2.33%	22.41%
15.0	317.528	8.981	95.145	2.34%	24.74%
16.0	293.226	8.949	104.094	2.33%	27.07%
17.0	276.038	8.865	112.959	2.31%	29.38%
18.0	257.852	8.803	121.761	2.29%	31.67%
19.0	238.148	8.629	130.391	2.24%	33.91%
20.0	225.608	8.488	138.879	2.21%	36.12%
21.0	209.618	8.357	147.236	2.17%	38.29%
22.0	196.579	8.163	155.399	2.12%	40.42%
23.0	185.266	8.012	163.411	2.08%	42.50%
24.0	172.712	7.827	171.238	2.04%	44.53%
25.0	164.214	7.661	178.899	1.99%	46.53%
26.0	153.549	7.501	186.399	1.95%	48.48%
27.0	145.287	7.311	193.711	1.90%	50.38%
28.0	138.964	7.197	200.907	1.87%	52.25%
29.0	131.820	7.084	207.992	1.84%	54.09%
30.0	125.219	6.940	214.932	1.80%	55.90%
31.0	119.659	6.815	221.746	1.77%	57.67%
32.0	113.314	6.674	228.421	1.74%	59.41%
33.0	109.015	6.550	234.971	1.70%	61.11%
34.0	103.262	6.424	241.395	1.67%	62.78%
35.0	98.521	6.267	247.661	1.63%	64.41%
36.0	94.494	6.146	253.807	1.60%	66.01%
37.0	89.325	5.995	259.802	1.56%	67.57%

Equipment: GMS1800
Temperature($^{\circ}\text{C}$): 25.0

Date: 2022/3/2
Humidity(%): 59.0%

Operator: 01
Distance(m): 10.68

TroyCSL Lighting B1212-SBK

Zonal flux distribution table

Appendix Page: 3 Total:21

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	85.276	5.828	265.63	1.52%	69.08%
39.0	81.262	5.684	271.314	1.48%	70.56%
40.0	76.978	5.519	276.833	1.44%	72.00%
41.0	73.691	5.365	282.199	1.40%	73.39%
42.0	69.557	5.204	287.403	1.35%	74.75%
43.0	66.334	5.034	292.437	1.31%	76.06%
44.0	62.955	4.880	297.317	1.27%	77.33%
45.0	59.462	4.705	302.021	1.22%	78.55%
46.0	57.053	4.557	306.578	1.19%	79.73%
47.0	53.616	4.402	310.979	1.14%	80.88%
48.0	50.708	4.217	315.197	1.10%	81.98%
49.0	48.120	4.058	319.255	1.06%	83.03%
50.0	45.204	3.891	323.146	1.01%	84.04%
51.0	42.887	3.727	326.873	0.97%	85.01%
52.0	40.171	3.564	330.437	0.93%	85.94%
53.0	37.790	3.391	333.829	0.88%	86.82%
54.0	35.844	3.245	337.074	0.84%	87.67%
55.0	33.492	3.095	340.169	0.80%	88.47%
56.0	31.467	2.935	343.105	0.76%	89.23%
57.0	29.735	2.798	345.903	0.73%	89.96%
58.0	27.796	2.660	348.563	0.69%	90.65%
59.0	26.512	2.539	351.102	0.66%	91.31%
60.0	24.809	2.425	353.527	0.63%	91.94%
61.0	23.433	2.302	355.829	0.60%	92.54%
62.0	22.092	2.194	358.023	0.57%	93.11%
63.0	20.496	2.071	360.094	0.54%	93.65%
64.0	19.412	1.958	362.052	0.51%	94.16%
65.0	18.193	1.861	363.913	0.48%	94.65%
66.0	16.988	1.755	365.668	0.46%	95.10%
67.0	16.012	1.659	367.328	0.43%	95.53%
68.0	14.835	1.563	368.89	0.41%	95.94%
69.0	13.923	1.467	370.357	0.38%	96.32%
70.0	13.010	1.383	371.741	0.36%	96.68%
71.0	11.998	1.293	373.033	0.34%	97.02%
72.0	11.321	1.212	374.246	0.32%	97.33%
73.0	10.401	1.136	375.382	0.30%	97.63%
74.0	9.724	1.058	376.44	0.28%	97.90%
75.0	9.039	0.991	377.431	0.26%	98.16%

Equipment: GMS1800
Temperature($^{\circ}$ C): 25.0

Date: 2022/3/2
Humidity(%): 59.0%

Operator: 01
Distance(m): 10.68

TroyCSL Lighting B1212-SBK

Zonal flux distribution table

Appendix Page: 4 Total:21

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	8.248	0.918	378.349	0.24%	98.40%
77.0	7.557	0.843	379.191	0.22%	98.62%
78.0	6.787	0.768	379.959	0.20%	98.82%
79.0	6.052	0.690	380.649	0.18%	99.00%
80.0	5.439	0.620	381.269	0.16%	99.16%
81.0	4.669	0.547	381.815	0.14%	99.30%
82.0	3.999	0.470	382.285	0.12%	99.42%
83.0	3.443	0.405	382.69	0.11%	99.53%
84.0	2.966	0.349	383.039	0.09%	99.62%
85.0	2.716	0.310	383.349	0.08%	99.70%
86.0	2.452	0.283	383.632	0.07%	99.77%
87.0	2.288	0.259	383.891	0.07%	99.84%
88.0	2.231	0.248	384.139	0.06%	99.91%
89.0	2.203	0.243	384.382	0.06%	99.97%
90.0	0.000	0.121	384.503	0.03%	100.00%
91.0	0.000	0.000	384.503	0.00%	100.00%
92.0	0.000	0.000	384.503	0.00%	100.00%
93.0	0.000	0.000	384.503	0.00%	100.00%
94.0	0.000	0.000	384.503	0.00%	100.00%
95.0	0.000	0.000	384.503	0.00%	100.00%
96.0	0.000	0.000	384.503	0.00%	100.00%
97.0	0.000	0.000	384.503	0.00%	100.00%
98.0	0.000	0.000	384.503	0.00%	100.00%
99.0	0.000	0.000	384.503	0.00%	100.00%
100.0	0.000	0.000	384.503	0.00%	100.00%
101.0	0.000	0.000	384.503	0.00%	100.00%
102.0	0.000	0.000	384.503	0.00%	100.00%
103.0	0.000	0.000	384.503	0.00%	100.00%
104.0	0.000	0.000	384.503	0.00%	100.00%
105.0	0.000	0.000	384.503	0.00%	100.00%
106.0	0.000	0.000	384.503	0.00%	100.00%
107.0	0.000	0.000	384.503	0.00%	100.00%
108.0	0.000	0.000	384.503	0.00%	100.00%
109.0	0.000	0.000	384.503	0.00%	100.00%
110.0	0.000	0.000	384.503	0.00%	100.00%
111.0	0.000	0.000	384.503	0.00%	100.00%
112.0	0.000	0.000	384.503	0.00%	100.00%
113.0	0.000	0.000	384.503	0.00%	100.00%

Equipment: GMS1800
Temperature($^{\circ}\text{C}$): 25.0

Date: 2022/3/2
Humidity(%): 59.0%

Operator: 01
Distance(m): 10.68

TroyCSL Lighting B1212-SBK

Zonal flux distribution table

Appendix Page: 5 Total:21

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
114.0	0.000	0.000	384.503	0.00%	100.00%
115.0	0.000	0.000	384.503	0.00%	100.00%
116.0	0.000	0.000	384.503	0.00%	100.00%
117.0	0.000	0.000	384.503	0.00%	100.00%
118.0	0.000	0.000	384.503	0.00%	100.00%
119.0	0.000	0.000	384.503	0.00%	100.00%
120.0	0.000	0.000	384.503	0.00%	100.00%
121.0	0.000	0.000	384.503	0.00%	100.00%
122.0	0.000	0.000	384.503	0.00%	100.00%
123.0	0.000	0.000	384.503	0.00%	100.00%
124.0	0.000	0.000	384.503	0.00%	100.00%
125.0	0.000	0.000	384.503	0.00%	100.00%
126.0	0.000	0.000	384.503	0.00%	100.00%
127.0	0.000	0.000	384.503	0.00%	100.00%
128.0	0.000	0.000	384.503	0.00%	100.00%
129.0	0.000	0.000	384.503	0.00%	100.00%
130.0	0.000	0.000	384.503	0.00%	100.00%
131.0	0.000	0.000	384.503	0.00%	100.00%
132.0	0.000	0.000	384.503	0.00%	100.00%
133.0	0.000	0.000	384.503	0.00%	100.00%
134.0	0.000	0.000	384.503	0.00%	100.00%
135.0	0.000	0.000	384.503	0.00%	100.00%
136.0	0.000	0.000	384.503	0.00%	100.00%
137.0	0.000	0.000	384.503	0.00%	100.00%
138.0	0.000	0.000	384.503	0.00%	100.00%
139.0	0.000	0.000	384.503	0.00%	100.00%
140.0	0.000	0.000	384.503	0.00%	100.00%
141.0	0.000	0.000	384.503	0.00%	100.00%
142.0	0.000	0.000	384.503	0.00%	100.00%
143.0	0.000	0.000	384.503	0.00%	100.00%
144.0	0.000	0.000	384.503	0.00%	100.00%
145.0	0.000	0.000	384.503	0.00%	100.00%
146.0	0.000	0.000	384.503	0.00%	100.00%
147.0	0.000	0.000	384.503	0.00%	100.00%
148.0	0.000	0.000	384.503	0.00%	100.00%
149.0	0.000	0.000	384.503	0.00%	100.00%
150.0	0.000	0.000	384.503	0.00%	100.00%
151.0	0.000	0.000	384.503	0.00%	100.00%

Equipment: GMS1800
Temperature($^{\circ}\text{C}$): 25.0

Date: 2022/3/2
Humidity(%): 59.0%

Operator: 01
Distance(m): 10.68

TroyCSL Lighting B1212-SBK

Zonal flux distribution table

Appendix Page: 6 Total:21

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
152.0	0.000	0.000	384.503	0.00%	100.00%
153.0	0.000	0.000	384.503	0.00%	100.00%
154.0	0.000	0.000	384.503	0.00%	100.00%
155.0	0.000	0.000	384.503	0.00%	100.00%
156.0	0.000	0.000	384.503	0.00%	100.00%
157.0	0.000	0.000	384.503	0.00%	100.00%
158.0	0.000	0.000	384.503	0.00%	100.00%
159.0	0.000	0.000	384.503	0.00%	100.00%
160.0	0.000	0.000	384.503	0.00%	100.00%
161.0	0.000	0.000	384.503	0.00%	100.00%
162.0	0.000	0.000	384.503	0.00%	100.00%
163.0	0.000	0.000	384.503	0.00%	100.00%
164.0	0.000	0.000	384.503	0.00%	100.00%
165.0	0.000	0.000	384.503	0.00%	100.00%
166.0	0.000	0.000	384.503	0.00%	100.00%
167.0	0.000	0.000	384.503	0.00%	100.00%
168.0	0.000	0.000	384.503	0.00%	100.00%
169.0	0.000	0.000	384.503	0.00%	100.00%
170.0	0.000	0.000	384.503	0.00%	100.00%
171.0	0.000	0.000	384.503	0.00%	100.00%
172.0	0.000	0.000	384.503	0.00%	100.00%
173.0	0.000	0.000	384.503	0.00%	100.00%
174.0	0.000	0.000	384.503	0.00%	100.00%
175.0	0.000	0.000	384.503	0.00%	100.00%
176.0	0.000	0.000	384.503	0.00%	100.00%
177.0	0.000	0.000	384.503	0.00%	100.00%
178.0	0.000	0.000	384.503	0.00%	100.00%
179.0	0.000	0.000	384.503	0.00%	100.00%
180.0	0.000	0.000	384.503	0.00%	100.00%

Equipment: GMS1800
Temperature($^{\circ}\text{C}$): 25.0

Date: 2022/3/2
Humidity(%): 59.0%

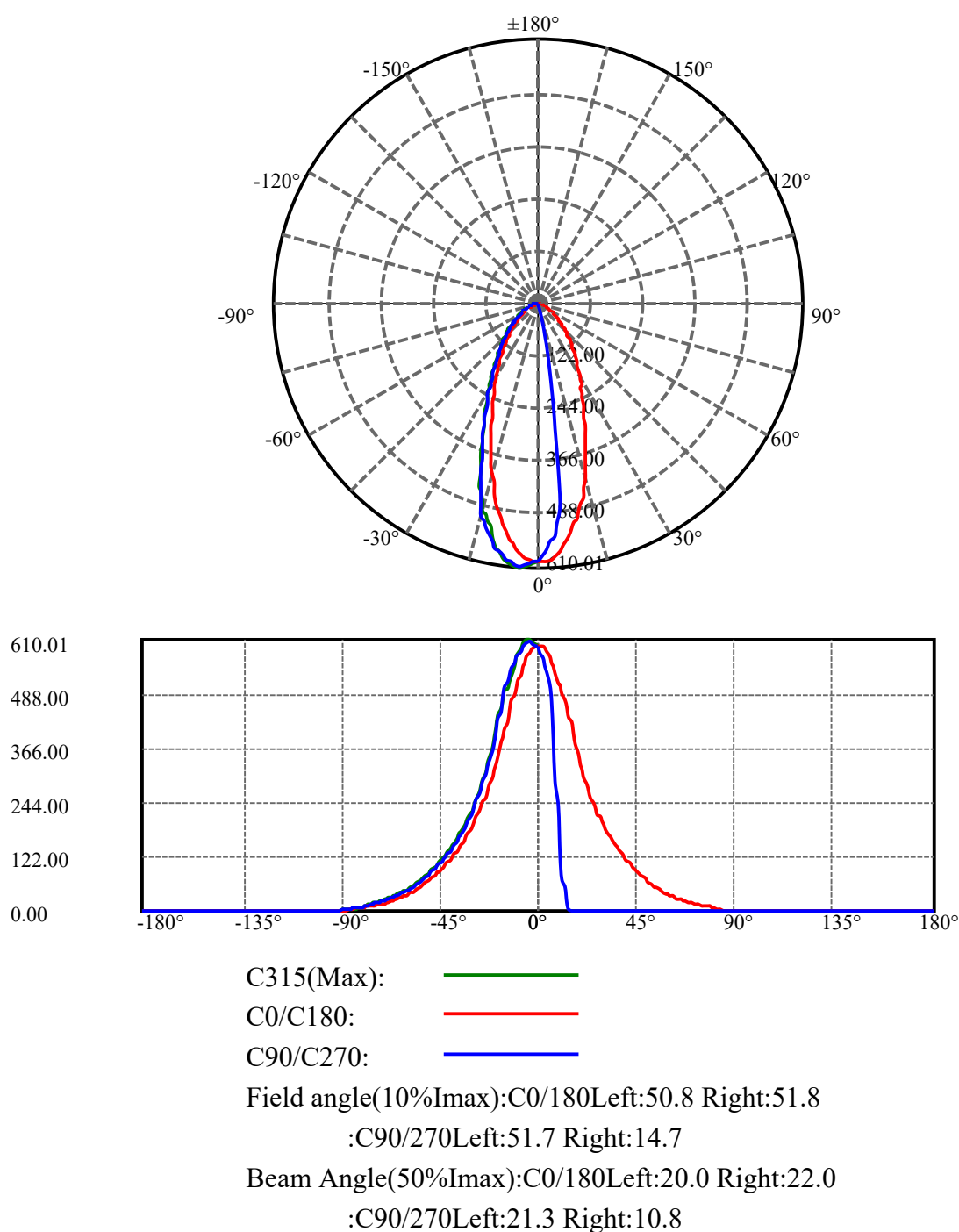
Operator: 01
Distance(m): 10.68

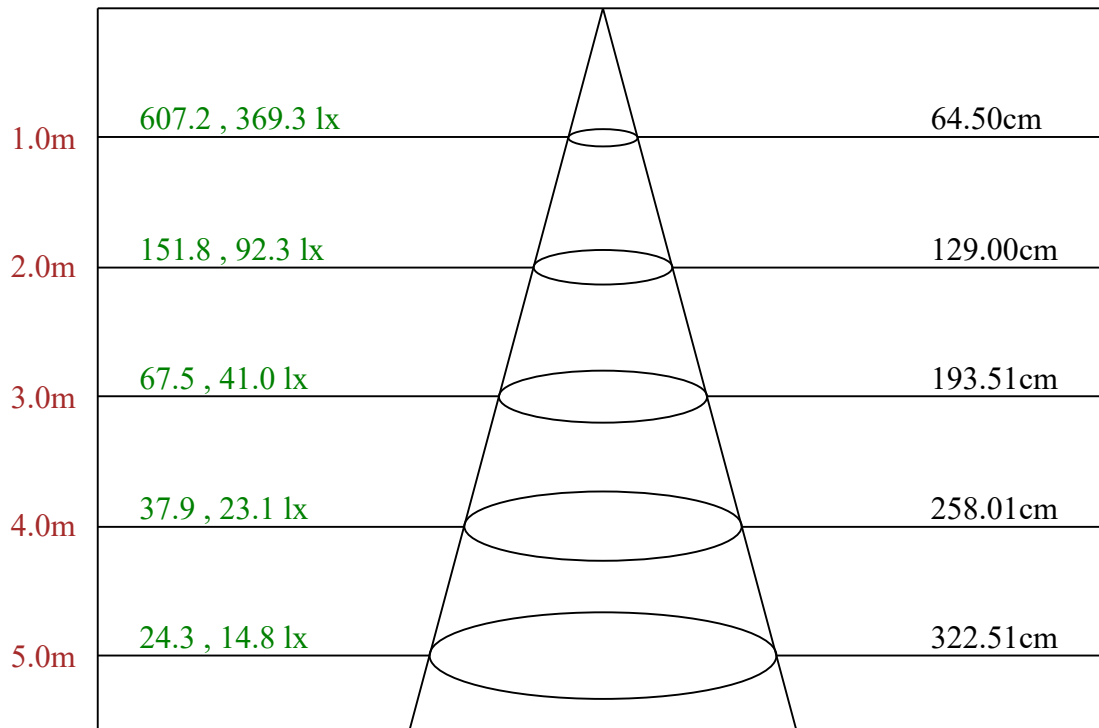
ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixt
0-30	214.93	55.90%
0-40	276.83	72.00%
0-60	353.53	91.94%
0-90	384.50	100.00%
0-120	384.50	100.00%
0-180	384.50	100.00%
60-90	30.98	8.06%
90-120	0.00	0.00%
90-130	0.00	0.00%
90-150	0.00	0.00%
90-180	0.00	0.00%
0-46.23	307.60	80.00%

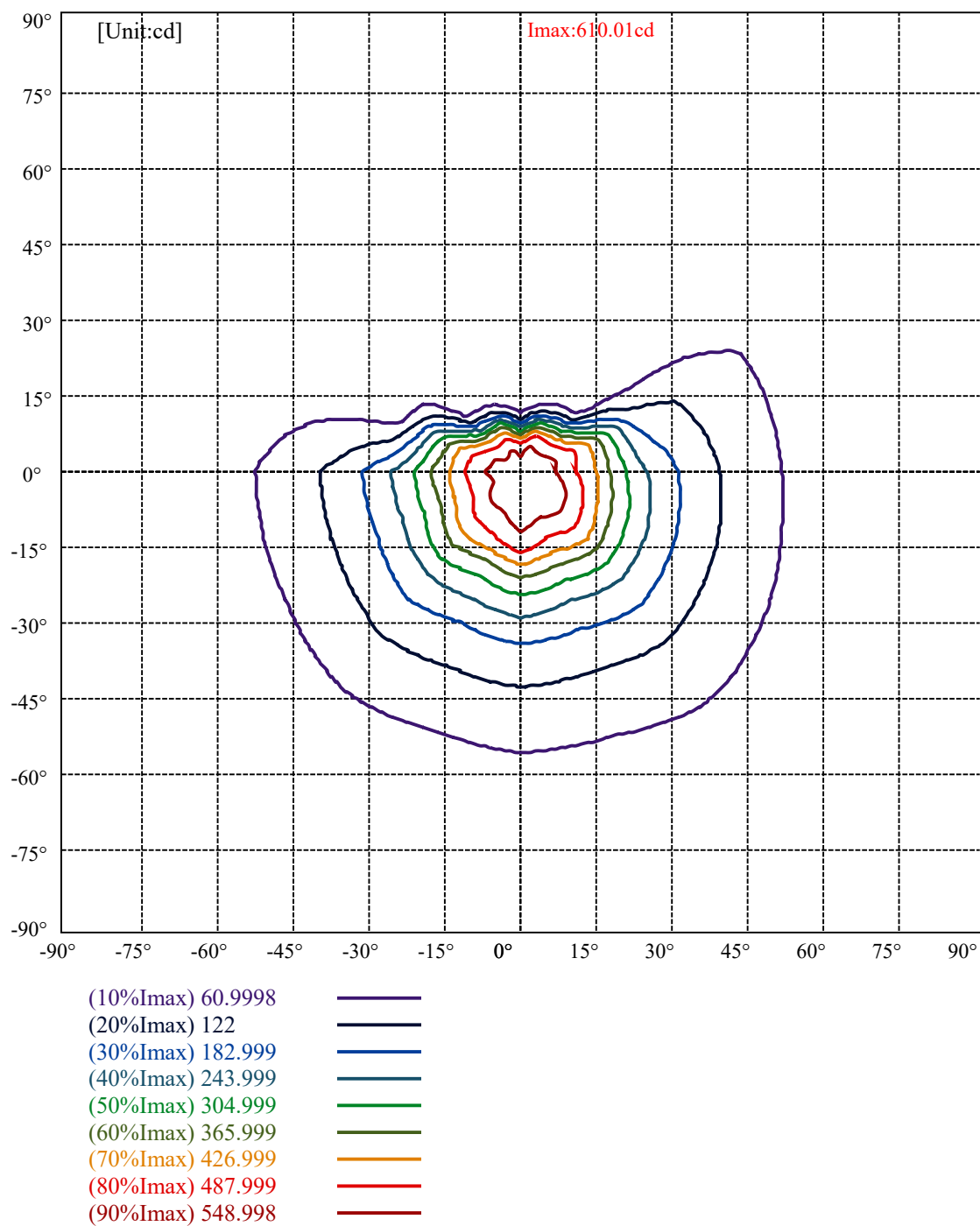
ZONAL LUMEN SUMMARY

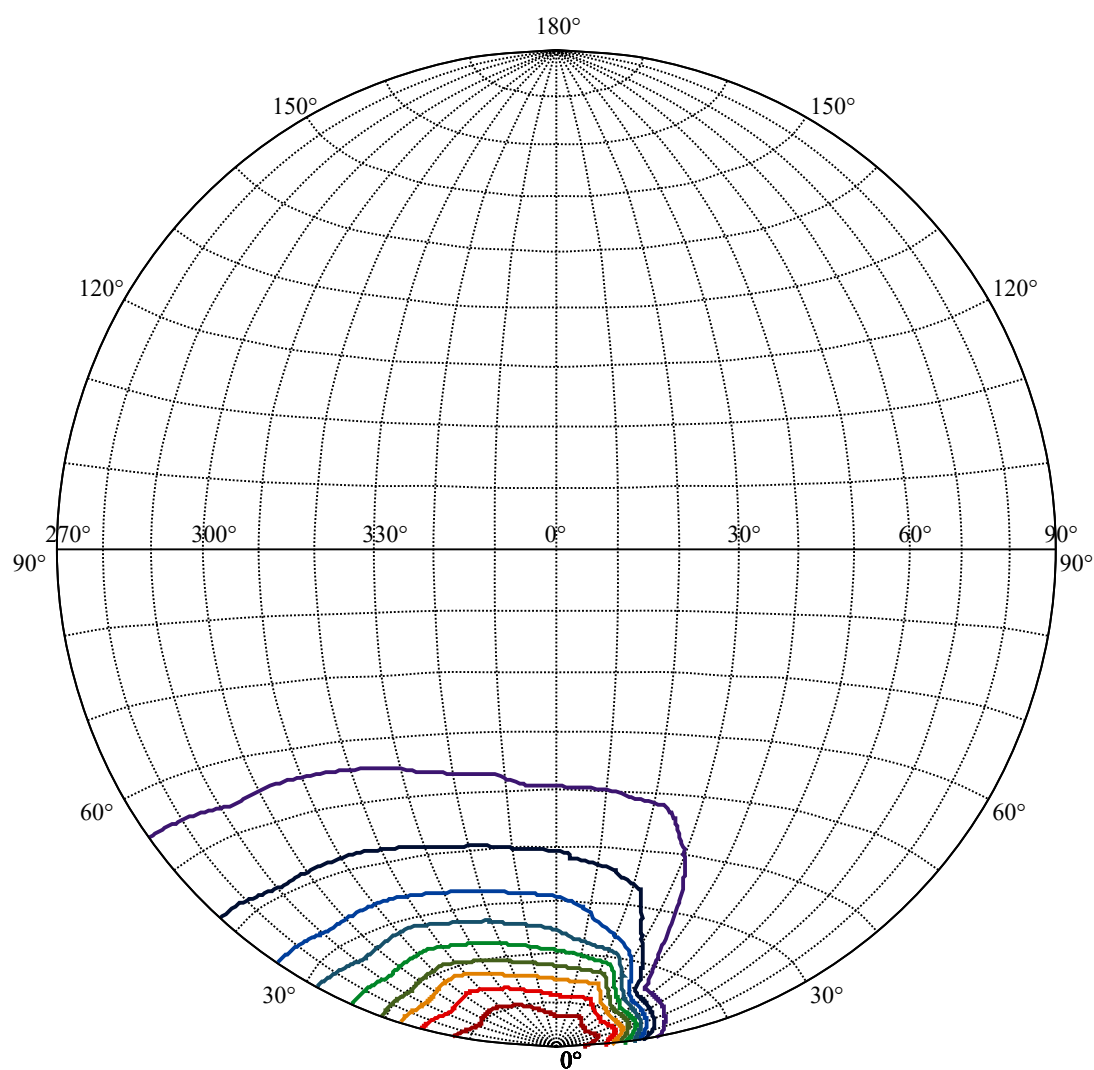
0-10	50.65
10-20	88.23
20-30	76.05
30-40	61.90
40-50	46.31
50-60	30.38
60-70	18.21
70-80	9.53
80-90	3.23
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00





Max , Ave Beam angle of C315 plane 35.75





House

[Unit:cd]

Road

Imax:610.01

(10%Imax) 60.8657

(20%Imax) 121.731

(30%Imax) 182.597

(40%Imax) 243.463

(50%Imax) 304.329

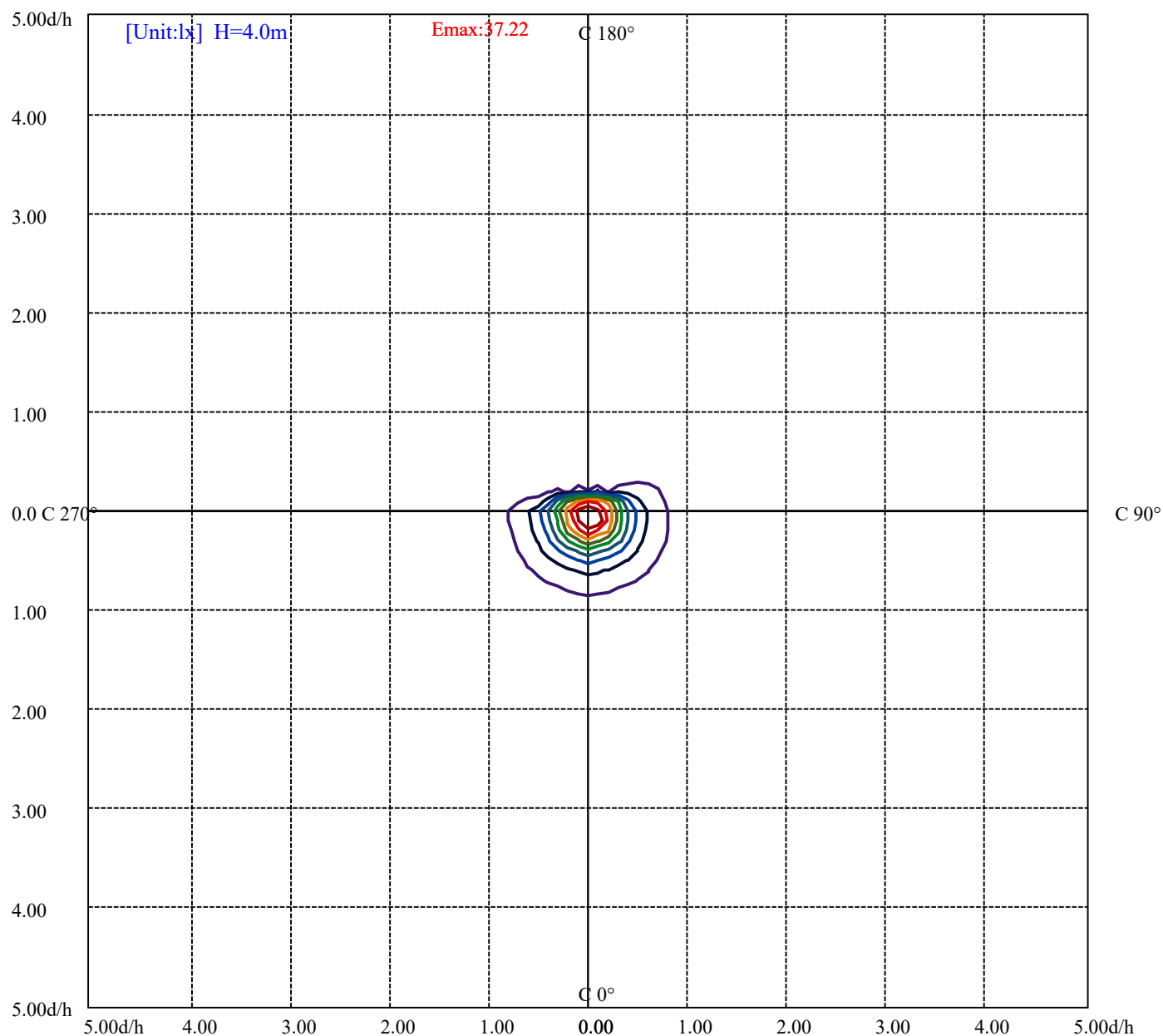
(60%Imax) 365.194

(70%Imax) 426.06

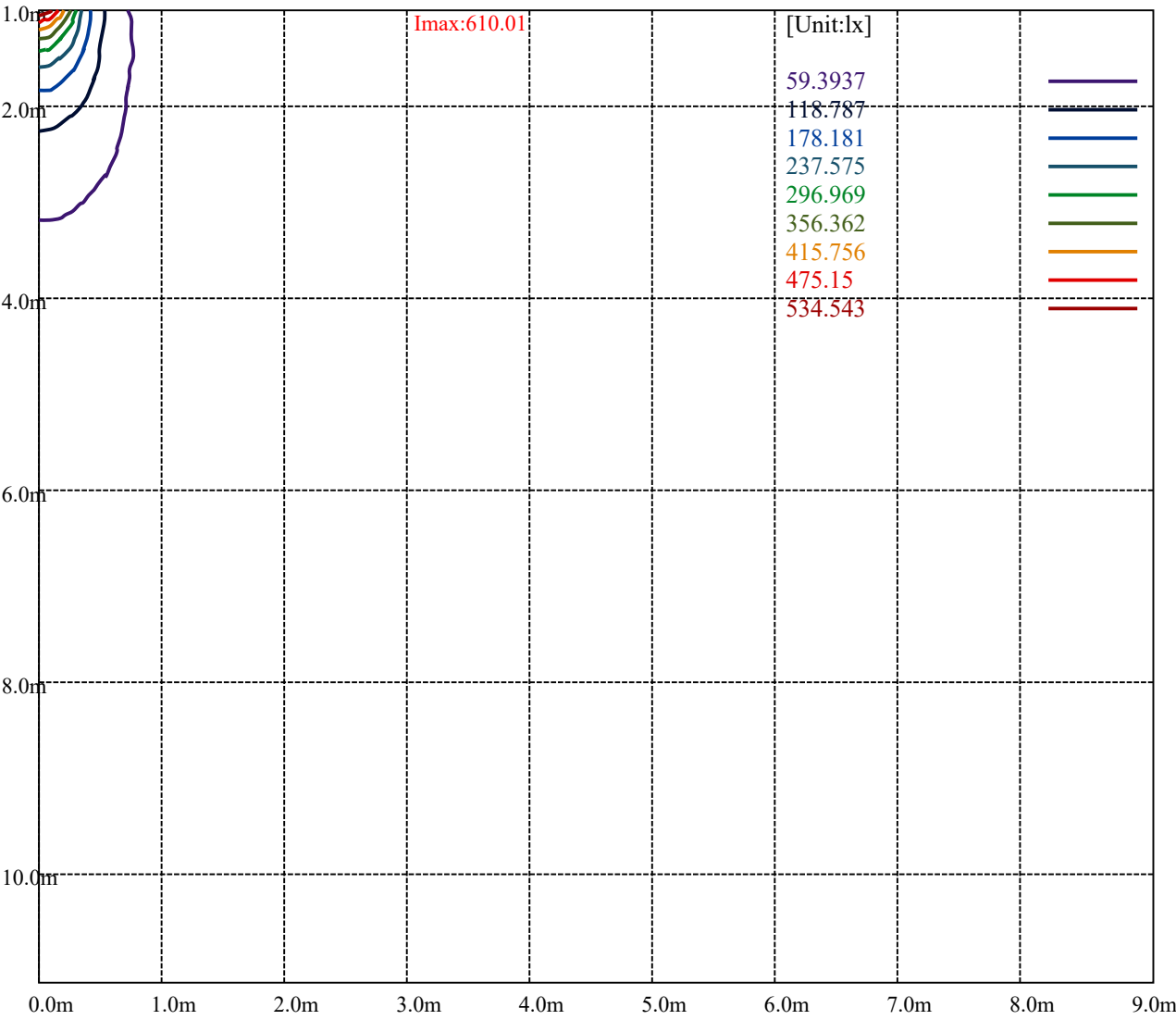
(80%Imax) 486.926

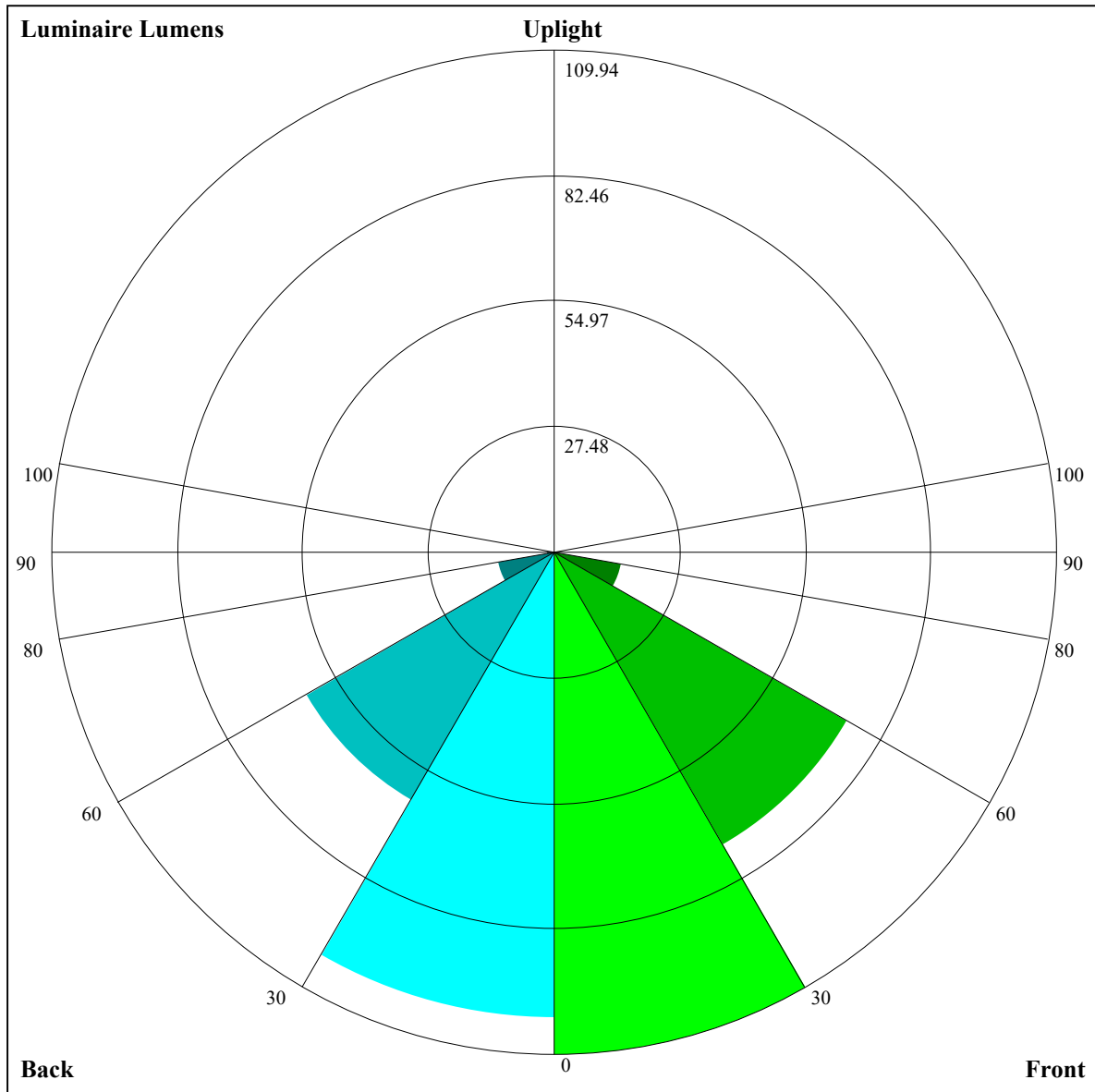
(90%Imax) 547.792





(10%E _{max}) 3.722337	—
(20%E _{max}) 7.444687	—
(30%E _{max}) 11.167	—
(40%E _{max}) 14.88931	—
(50%E _{max}) 18.61169	—
(60%E _{max}) 22.334	—
(70%E _{max}) 26.05631	—
(80%E _{max}) 29.77869	—
(90%E _{max}) 33.501	—





Luminaire Lumens:

FL=109.94,FM=74.1,FH=14.98,FVH=1.5

BL=101.98,BM=62.66,BH=12.64,BVH=1.64

UL=0,UH=0

BUG Rating:B0-U0-G0

TroyCSL Lighting B1212-SBK

Intensity data(cd)										Appendix Page: 15 Total:21	
C/γ(°)	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0		
0.0	593.94	595.75	595.75	591.41	582.63	572.82	557.19	548.75	535.18		
22.5	593.94	590.62	589.13	584.57	579.21	571.34	560.16	552.52	536.55		
45.0	593.94	579.78	575.67	567.57	556.74	546.02	520.69	505.41	477.58		
67.5	593.94	588.68	584.91	575.22	567.69	555.83	536.09	519.67	474.73		
90.0	593.94	579.67	566.43	549.67	537.69	509.29	468.91	386.44	290.29		
112.5	593.94	592.67	589.59	576.13	555.83	546.70	519.33	490.70	449.18		
135.0	593.94	581.60	569.97	551.26	540.20	523.09	501.65	472.67	435.60		
157.5	593.94	594.72	589.59	581.15	569.40	560.73	542.59	527.77	512.03		
180.0	593.94	594.72	592.78	588.22	580.81	570.31	555.83	547.50	529.48		
202.5	593.94	592.55	589.93	583.20	570.20	557.77	542.02	533.70	518.87		
225.0	593.94	593.47	595.18	596.66	593.24	584.34	574.87	568.03	551.26		
247.5	593.94	598.94	600.77	596.89	590.73	584.80	573.62	566.55	554.46		
270.0	593.94	594.61	597.80	602.93	605.67	603.28	599.51	594.27	584.57		
292.5	593.94	603.05	608.29	608.75	606.93	602.71	594.04	584.46	569.29		
315.0	593.94	597.34	602.59	607.38	610.01	610.01	606.81	600.77	591.19		
337.5	593.94	602.25	606.70	607.72	606.93	602.02	593.69	582.86	567.12		
360.0	593.94	595.75	595.75	591.41	582.63	572.82	557.19	548.75	535.18		
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0		
0.0	512.82	505.98	487.73	473.93	458.42	436.40	422.83	399.56	375.95		
22.5	522.18	508.72	492.86	474.50	457.50	434.01	416.33	382.11	354.85		
45.0	437.54	387.01	311.85	272.84	198.58	138.93	83.61	59.31	42.43		
67.5	385.87	335.46	249.57	153.87	101.63	63.99	44.26	11.86	2.28		
90.0	234.17	126.61	73.57	51.44	17.22	2.28	1.48	1.37	1.37		
112.5	384.16	336.03	230.98	151.82	97.07	61.48	44.71	5.82	1.71		
135.0	408.57	331.92	250.02	220.82	143.03	91.71	62.62	41.63	31.71		
157.5	496.29	485.68	455.45	436.17	420.66	385.19	359.52	331.12	298.05		
180.0	517.27	501.76	484.42	474.50	451.92	422.60	410.05	390.09	377.77		
202.5	506.09	491.04	471.76	461.72	443.93	424.08	399.10	378.92	359.98		
225.0	537.35	523.43	508.83	495.83	480.89	466.29	457.16	435.83	415.64		
247.5	543.28	531.07	516.36	507.92	494.00	478.61	454.20	428.87	413.13		
270.0	576.81	571.34	558.34	545.33	531.07	515.68	504.95	481.91	447.69		
292.5	560.73	544.76	529.36	512.37	498.34	484.08	468.45	440.85	425.34		
315.0	578.52	570.31	550.81	525.60	515.68	499.59	494.46	471.88	452.83		
337.5	559.02	544.19	528.91	512.94	492.52	481.80	456.71	430.47	415.87		
360.0	512.82	505.98	487.73	473.93	458.42	436.40	422.83	399.56	375.95		
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0		
0.0	353.59	329.53	317.66	299.87	284.47	267.82	254.13	242.04	230.06		
22.5	325.31	295.42	278.65	243.30	216.15	190.71	173.26	165.28	154.10		
45.0	26.46	8.33	3.54	1.71	1.37	1.37	1.25	1.37	1.25		
67.5	1.48	1.37	1.37	1.37	1.37	1.25	1.25	1.25	1.25		
90.0	1.37	1.37	1.25	1.25	1.25	1.25	1.14	1.25	1.14		
112.5	1.48	1.37	1.37	1.25	1.25	1.25	1.25	1.25	1.25		
135.0	15.40	3.31	1.60	1.37	1.37	1.25	1.25	1.25	1.25		
157.5	279.11	239.53	204.74	170.30	134.02	114.18	80.64	56.12	38.90		
180.0	346.07	328.39	318.23	299.07	283.90	269.64	255.61	247.97	233.71		
202.5	341.16	320.86	311.28	295.42	280.25	265.88	250.37	242.84	225.84		
225.0	392.83	370.93	358.95	336.37	319.03	302.15	285.95	276.60	252.88		
247.5	375.84	349.03	336.48	318.12	300.67	285.27	269.76	262.57	249.91		
270.0	432.30	402.64	379.26	358.16	337.62	326.45	305.92	289.95	274.66		
292.5	400.13	376.52	356.22	332.04	320.52	302.49	286.98	272.61	255.96		
315.0	440.39	411.31	388.50	366.25	344.35	332.72	310.02	294.17	280.59		
337.5	392.72	370.47	350.63	328.04	317.66	300.55	284.59	270.90	254.02		
360.0	353.59	329.53	317.66	299.87	284.47	267.82	254.13	242.04	230.06		

TroyCSL Lighting B1212-SBK

Intensity data(cd)									Appendix Page: 16 Total:21		
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0		
0.0	217.40	211.36	201.43	191.62	181.59	170.64	165.50	157.52	145.89		
22.5	146.46	143.38	137.45	132.77	128.21	123.76	121.36	115.89	111.67		
45.0	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.14	1.14		
67.5	1.25	1.25	1.25	1.14	1.14	1.14	1.14	1.03	1.03		
90.0	1.14	1.14	1.03	1.03	1.03	1.03	1.03	0.91	1.03		
112.5	1.14	1.14	1.14	1.14	1.14	1.14	1.03	1.03	1.03		
135.0	1.25	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.03		
157.5	30.45	27.49	25.21	23.38	22.24	20.53	19.28	18.36	17.34		
180.0	222.08	211.70	200.86	190.94	181.70	172.58	167.22	156.95	148.74		
202.5	212.16	205.88	196.07	186.38	177.37	166.99	162.08	154.55	147.14		
225.0	239.99	232.23	218.09	207.02	196.87	187.52	182.16	172.01	163.91		
247.5	237.02	223.79	209.53	198.70	188.32	178.17	173.15	164.25	156.61		
270.0	260.06	251.62	236.57	220.03	213.64	200.41	189.91	179.99	171.09		
292.5	242.61	229.61	216.60	210.10	199.27	189.46	180.33	170.07	165.50		
315.0	264.40	250.60	237.59	225.39	218.77	206.57	197.21	188.20	178.96		
337.5	245.92	229.84	223.90	211.47	200.86	190.71	180.45	169.15	164.25		
360.0	217.40	211.36	201.43	191.62	181.59	170.64	165.50	157.52	145.89		
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0		
0.0	143.15	134.82	128.09	121.48	113.72	110.18	104.37	98.66	93.42		
22.5	107.22	102.77	100.03	95.13	89.77	87.37	82.24	78.02	74.48		
45.0	1.14	1.03	1.14	1.03	1.14	1.03	1.03	1.03	1.03		
67.5	1.03	1.03	1.03	0.91	0.91	0.91	0.91	1.03	0.91		
90.0	1.03	1.03	0.91	0.91	1.03	0.91	0.91	1.03	0.91		
112.5	1.03	0.91	1.03	0.91	1.03	1.03	0.91	0.91	0.91		
135.0	1.03	1.03	1.03	1.03	1.03	1.03	0.91	0.91	1.03		
157.5	16.77	15.28	14.60	14.14	13.35	12.66	12.09	11.52	11.18		
180.0	140.98	134.02	130.15	122.85	114.97	111.55	105.62	99.01	93.65		
202.5	140.07	132.08	127.98	121.13	111.21	107.67	101.52	95.93	90.68		
225.0	155.47	146.23	139.50	135.16	126.38	122.73	115.20	109.16	103.45		
247.5	148.85	140.52	136.65	129.92	123.30	117.03	109.61	106.19	98.32		
270.0	165.85	155.81	147.14	139.73	133.11	129.35	122.62	116.80	111.67		
292.5	157.86	149.88	140.52	134.37	130.83	122.50	115.32	111.78	106.19		
315.0	173.60	163.00	151.82	146.80	139.61	132.43	126.27	119.77	116.12		
337.5	156.84	149.76	142.81	134.71	130.26	120.68	113.38	109.61	103.34		
360.0	143.15	134.82	128.09	121.48	113.72	110.18	104.37	98.66	93.42		
C/γ(°)	45.0	46.0	47.0	48.0	49.0	50.0	51.0	52.0	53.0		
0.0	87.37	84.52	79.62	74.94	70.60	65.47	61.48	57.72	53.38		
22.5	70.95	68.78	64.22	60.45	57.03	54.07	52.13	48.25	44.94		
45.0	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03		
67.5	0.91	1.03	0.91	0.91	1.03	1.03	0.91	1.03	1.03		
90.0	0.91	0.91	0.91	0.91	1.03	1.03	1.03	1.03	1.03		
112.5	0.91	0.91	0.91	1.03	0.91	0.91	0.91	0.91	1.03		
135.0	1.03	1.03	1.03	1.03	1.03	1.03	1.03	0.91	1.03		
157.5	10.49	10.04	9.58	9.12	8.90	8.55	8.21	7.87	7.53		
180.0	88.51	85.66	80.19	75.74	71.63	67.52	65.02	60.22	56.46		
202.5	84.86	81.78	77.11	72.54	68.10	63.19	60.80	55.43	51.21		
225.0	98.09	94.90	88.17	80.87	77.90	73.23	68.10	64.22	60.34		
247.5	92.05	88.85	83.61	78.70	74.37	69.46	66.95	63.19	59.31		
270.0	105.96	100.72	94.67	89.08	86.12	80.53	76.19	71.86	67.87		
292.5	101.17	95.70	89.77	86.69	79.96	77.11	72.54	67.75	63.87		
315.0	109.16	103.91	98.55	93.65	90.68	84.18	79.39	75.40	70.72		
337.5	97.98	93.07	87.60	84.63	79.62	74.94	70.49	65.93	63.87		
360.0	87.37	84.52	79.62	74.94	70.60	65.47	61.48	57.72	53.38		

TroyCSL Lighting B1212-SBK

Intensity data(cd)										Appendix Page: 17 Total:21	
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0		
0.0	51.33	48.13	45.28	42.43	39.12	37.53	35.13	32.85	30.34		
22.5	42.09	39.01	36.50	34.22	32.05	30.80	28.52	26.58	24.87		
45.0	1.03	0.91	1.03	1.03	1.03	0.91	1.03	1.03	1.03		
67.5	1.03	0.91	0.91	1.03	0.91	1.03	0.91	1.03	1.03		
90.0	0.91	1.03	1.03	0.91	1.03	0.91	1.03	0.91	0.91		
112.5	0.91	0.91	1.03	0.91	1.03	0.91	0.91	0.91	0.91		
135.0	0.91	0.91	0.91	0.91	0.91	1.03	1.03	1.03	0.91		
157.5	7.19	6.84	6.62	6.39	6.16	5.93	5.70	5.47	5.36		
180.0	53.04	48.93	45.85	42.89	40.15	38.55	35.59	33.19	31.02		
202.5	49.85	46.08	43.23	40.49	37.41	36.04	33.53	31.37	29.31		
225.0	58.17	53.84	50.64	47.56	44.71	43.12	40.15	37.64	35.36		
247.5	55.55	51.56	48.59	45.62	42.32	40.83	38.32	36.16	33.99		
270.0	65.47	60.80	55.66	53.72	49.96	47.11	44.48	41.97	40.38		
292.5	60.34	56.35	54.41	51.21	48.25	45.51	42.43	40.83	38.32		
315.0	66.73	62.73	59.08	56.92	53.04	50.19	47.34	44.60	42.89		
337.5	58.97	56.92	52.70	49.50	46.65	43.80	40.83	39.35	36.84		
360.0	51.33	48.13	45.28	42.43	39.12	37.53	35.13	32.85	30.34		
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0		
0.0	28.29	27.15	24.64	22.58	21.67	20.07	18.71	17.34	15.85		
22.5	23.15	22.13	19.85	18.48	17.57	16.08	14.94	13.92	12.89		
45.0	1.03	1.03	0.91	1.03	1.03	1.03	1.03	1.03	1.03		
67.5	1.03	1.03	1.03	0.91	1.03	1.03	1.03	0.91	0.91		
90.0	0.91	0.91	0.91	1.03	0.91	0.91	0.91	0.91	0.91		
112.5	0.91	0.91	0.91	0.91	0.91	0.91	1.03	0.91	0.91		
135.0	0.91	0.91	1.03	1.03	1.03	0.91	1.03	1.03	1.03		
157.5	5.02	4.79	4.68	4.45	4.33	4.11	3.99	3.76	3.65		
180.0	28.97	27.72	25.44	22.81	21.90	20.19	18.36	16.88	15.63		
202.5	27.03	25.78	24.18	21.67	20.65	19.28	17.91	16.65	15.28		
225.0	32.85	30.80	29.66	27.15	26.12	24.18	22.58	21.22	19.73		
247.5	31.60	30.45	28.63	26.92	25.21	23.27	22.36	20.30	18.48		
270.0	37.41	35.13	33.08	31.02	29.88	27.72	25.09	23.95	21.90		
292.5	34.56	33.31	31.25	30.11	27.26	24.98	23.84	22.01	20.30		
315.0	39.81	36.39	35.13	32.96	30.57	28.63	26.80	25.78	23.50		
337.5	34.45	32.17	29.77	28.74	26.12	24.07	23.15	21.56	19.96		
360.0	28.29	27.15	24.64	22.58	21.67	20.07	18.71	17.34	15.85		
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0		
0.0	15.17	13.69	13.23	12.43	11.52	10.72	10.04	8.44	6.73		
22.5	12.32	11.29	10.49	9.81	9.12	8.67	8.10	7.76	7.41		
45.0	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03		
67.5	1.03	1.03	1.03	0.91	1.03	1.03	1.03	0.91	0.91		
90.0	0.91	1.03	0.91	0.91	1.03	0.91	0.91	1.03	0.91		
112.5	0.91	1.03	0.91	0.91	1.03	1.03	0.91	0.91	1.03		
135.0	0.91	0.91	1.03	1.03	0.91	1.03	1.03	0.91	1.03		
157.5	3.54	3.31	3.19	3.08	2.85	2.74	2.62	2.40	2.40		
180.0	14.83	13.35	12.32	11.41	10.61	10.27	9.70	8.90	8.44		
202.5	14.60	13.46	12.66	11.75	10.95	10.61	9.81	9.35	8.67		
225.0	18.93	17.34	16.08	14.94	13.80	12.55	11.63	10.49	9.81		
247.5	17.57	16.20	14.94	13.69	12.20	11.29	9.92	8.55	7.41		
270.0	20.30	18.71	17.34	16.54	14.60	12.89	11.41	9.92	9.01		
292.5	18.71	17.00	15.85	13.92	12.32	10.61	8.55	7.41	6.73		
315.0	21.79	19.96	18.25	17.22	15.40	13.80	12.09	10.04	8.21		
337.5	18.59	17.11	16.31	15.06	13.57	11.75	9.81	8.78	7.30		
360.0	15.17	13.69	13.23	12.43	11.52	10.72	10.04	8.44	6.73		

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Intensity data(cd)									Appendix Page: 18 Total:21		
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0		
0.0	4.79	3.19	2.17	1.25	1.14	1.14	1.14	1.14	1.14		
22.5	6.84	4.79	2.97	1.82	1.37	1.03	0.91	1.03	0.91		
45.0	1.03	1.03	1.03	1.03	1.03	1.03	1.03	0.91	1.03		
67.5	1.03	0.91	1.03	0.91	0.91	1.03	1.03	1.03	0.91		
90.0	1.03	1.03	0.91	1.03	0.91	1.03	1.03	1.03	1.03		
112.5	1.03	1.03	0.91	0.91	1.03	0.91	0.91	1.03	1.03		
135.0	1.03	1.03	0.91	1.03	0.91	0.91	1.03	1.03	1.03		
157.5	2.17	2.05	2.05	1.82	1.71	1.25	1.03	1.03	1.03		
180.0	7.64	6.96	6.27	5.47	4.90	2.97	1.48	1.03	0.91		
202.5	7.76	6.39	4.56	3.19	2.85	2.40	2.40	2.28	2.28		
225.0	8.33	7.19	6.16	5.25	4.79	4.22	3.76	3.76	3.76		
247.5	6.39	5.82	5.36	5.02	4.79	4.68	4.56	4.56	4.45		
270.0	7.30	6.62	6.39	5.82	5.36	5.13	5.02	4.90	4.90		
292.5	6.05	5.70	5.36	4.90	4.79	4.79	4.68	4.56	4.45		
315.0	6.73	5.93	5.47	4.90	4.33	4.11	3.99	3.88	3.88		
337.5	5.59	4.33	3.54	3.08	2.62	2.62	2.62	2.51	2.51		
360.0	4.79	3.19	2.17	1.25	1.14	1.14	1.14	1.14	1.14		
C/γ(°)	90.0	91.0	92.0	93.0	94.0	95.0	96.0	97.0	98.0		
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
22.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
45.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
67.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
112.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
157.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
202.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
225.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
247.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
270.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
292.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
315.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
337.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
360.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
C/γ(°)	99.0	100.0	101.0	102.0	103.0	104.0	105.0	106.0	107.0		
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
22.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
45.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
67.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
112.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
157.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
202.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
225.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
247.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
270.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
292.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
315.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
337.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
360.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		

TroyCSL Lighting B1212-SBK

Intensity data(cd)										Appendix Page: 19 Total:21	
C/γ(°)	108.0	109.0	110.0	111.0	112.0	113.0	114.0	115.0	116.0		
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
22.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
45.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
67.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
112.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
157.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
202.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
225.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
247.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
270.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
292.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
315.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
337.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
360.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
C/γ(°)	117.0	118.0	119.0	120.0	121.0	122.0	123.0	124.0	125.0		
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
22.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
45.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
67.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
112.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
157.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
202.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
225.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
247.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
270.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
292.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
315.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
337.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
360.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
C/γ(°)	126.0	127.0	128.0	129.0	130.0	131.0	132.0	133.0	134.0		
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
22.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
45.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
67.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
112.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
157.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
202.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
225.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
247.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
270.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
292.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
315.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
337.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
360.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		

TroyCSL Lighting B1212-SBK

Intensity data(cd)										Appendix Page: 20 Total:21	
C/γ(°)	135.0	136.0	137.0	138.0	139.0	140.0	141.0	142.0	143.0		
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
22.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
45.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
67.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
112.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
157.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
202.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
225.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
247.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
270.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
292.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
315.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
337.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
360.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
C/γ(°)	144.0	145.0	146.0	147.0	148.0	149.0	150.0	151.0	152.0		
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
22.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
45.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
67.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
112.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
157.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
202.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
225.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
247.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
270.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
292.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
315.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
337.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
360.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
C/γ(°)	153.0	154.0	155.0	156.0	157.0	158.0	159.0	160.0	161.0		
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
22.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
45.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
67.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
112.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
157.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
202.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
225.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
247.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
270.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
292.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
315.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
337.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
360.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		

TroyCSL Lighting B1212-SBK

Intensity data(cd)									Appendix Page: 21 Total:21		
C/γ(°)	162.0	163.0	164.0	165.0	166.0	167.0	168.0	169.0	170.0		
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
22.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
45.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
67.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
112.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
157.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
202.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
225.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
247.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
270.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
292.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
315.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
337.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
360.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
C/γ(°)	171.0	172.0	173.0	174.0	175.0	176.0	177.0	178.0	179.0		
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
22.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
45.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
67.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
112.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
157.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
202.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
225.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
247.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
270.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
292.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
315.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
337.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
360.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
C/γ(°)	180.0										
0.0	0.00										
22.5	0.00										
45.0	0.00										
67.5	0.00										
90.0	0.00										
112.5	0.00										
135.0	0.00										
157.5	0.00										
180.0	0.00										
202.5	0.00										
225.0	0.00										
247.5	0.00										
270.0	0.00										
292.5	0.00										
315.0	0.00										
337.5	0.00										
360.0	0.00										