



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: B7116-TBZ

Luminaire:

Report No: BSR202203040101-9

Ballast type:

Test No: BSR202203040101-9

Voltage(V): 120.000

LampCAT: GU10 6W

Current(A): 0.057

Lamp flux(lm)

Power (W): 6.388

Number of Lamps: 1

PF: 1.000

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 462.78, Luminous Efficacy(lm/W): 72.45

Central intensity(cd): 627.101, Maximum intensity(cd): 706.959

Angle of maximum intensity: $C=157.5$ $\gamma=6.0$

Beam Angle(50%Imax): [C0/180]Total=39.9

[C90/270]Total=38.4

Field angle(10%Imax): [C0/180]Total=102.4

[C90/270]Total=80.4

Maximum s/h(1/2): C0_180=38.60 C90_270=0.47

Maximum s/h(1/4): C0_180=0.76 C90_270=0.43

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 91.783%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	627.101	0.000	0	0.00%	0.00%
1.0	628.056	0.601	0.601	0.13%	0.13%
2.0	628.983	1.804	2.405	0.39%	0.52%
3.0	632.198	3.016	5.421	0.65%	1.17%
4.0	628.441	4.220	9.641	0.91%	2.08%
5.0	613.599	5.343	14.984	1.15%	3.24%
6.0	572.337	6.232	21.216	1.35%	4.58%
7.0	523.903	6.804	28.021	1.47%	6.05%
8.0	467.784	7.097	35.118	1.53%	7.59%
9.0	410.019	7.114	42.232	1.54%	9.13%
10.0	376.663	7.119	49.351	1.54%	10.66%
11.0	342.708	7.188	56.539	1.55%	12.22%
12.0	324.579	7.294	63.834	1.58%	13.79%
13.0	308.468	7.513	71.346	1.62%	15.42%
14.0	307.605	7.886	79.232	1.70%	17.12%
15.0	303.670	8.392	87.624	1.81%	18.93%
16.0	302.608	8.884	96.508	1.92%	20.85%
17.0	305.816	9.475	105.982	2.05%	22.90%
18.0	302.144	10.024	116.006	2.17%	25.07%
19.0	293.554	10.364	126.37	2.24%	27.31%
20.0	285.698	10.602	136.972	2.29%	29.60%
21.0	267.897	10.630	147.602	2.30%	31.89%
22.0	257.168	10.551	158.154	2.28%	34.17%
23.0	245.633	10.550	168.704	2.28%	36.45%
24.0	231.568	10.433	179.137	2.25%	38.71%
25.0	222.878	10.333	189.47	2.23%	40.94%
26.0	209.176	10.199	199.669	2.20%	43.15%
27.0	196.173	9.917	209.586	2.14%	45.29%
28.0	187.205	9.706	219.292	2.10%	47.39%
29.0	174.109	9.453	228.745	2.04%	49.43%
30.0	165.276	9.163	237.909	1.98%	51.41%
31.0	157.449	8.981	246.89	1.94%	53.35%
32.0	148.887	8.776	255.666	1.90%	55.25%
33.0	142.307	8.579	264.244	1.85%	57.10%
34.0	133.175	8.337	272.581	1.80%	58.90%
35.0	126.659	8.069	280.651	1.74%	60.64%
36.0	121.840	7.912	288.563	1.71%	62.35%
37.0	114.633	7.712	296.276	1.67%	64.02%

TroyCSL Lighting B7116-TBZ

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	110.305	7.508	303.784	1.62%	65.64%
39.0	105.479	7.365	311.149	1.59%	67.23%
40.0	101.145	7.206	318.355	1.56%	68.79%
41.0	98.543	7.111	325.466	1.54%	70.33%
42.0	94.693	7.021	332.487	1.52%	71.85%
43.0	91.221	6.887	339.374	1.49%	73.33%
44.0	87.229	6.735	346.109	1.46%	74.79%
45.0	81.562	6.487	352.596	1.40%	76.19%
46.0	77.406	6.217	358.812	1.34%	77.53%
47.0	72.201	5.950	364.763	1.29%	78.82%
48.0	68.552	5.690	370.453	1.23%	80.05%
49.0	65.657	5.511	375.964	1.19%	81.24%
50.0	62.135	5.328	381.292	1.15%	82.39%
51.0	59.897	5.163	386.455	1.12%	83.51%
52.0	56.603	4.999	391.454	1.08%	84.59%
53.0	53.032	4.769	396.223	1.03%	85.62%
54.0	50.387	4.558	400.782	0.98%	86.60%
55.0	46.331	4.317	405.099	0.93%	87.54%
56.0	44.128	4.088	409.187	0.88%	88.42%
57.0	41.840	3.931	413.117	0.85%	89.27%
58.0	39.330	3.754	416.871	0.81%	90.08%
59.0	36.963	3.567	420.438	0.77%	90.85%
60.0	34.404	3.372	423.809	0.73%	91.58%
61.0	32.237	3.180	426.989	0.69%	92.27%
62.0	30.219	3.010	429.999	0.65%	92.92%
63.0	27.525	2.808	432.807	0.61%	93.52%
64.0	25.728	2.613	435.42	0.56%	94.09%
65.0	23.611	2.442	437.862	0.53%	94.62%
66.0	21.593	2.255	440.118	0.49%	95.10%
67.0	20.175	2.100	442.218	0.45%	95.56%
68.0	18.164	1.942	444.16	0.42%	95.98%
69.0	16.732	1.780	445.94	0.38%	96.36%
70.0	15.398	1.650	447.59	0.36%	96.72%
71.0	13.958	1.517	449.108	0.33%	97.05%
72.0	12.761	1.389	450.497	0.30%	97.35%
73.0	11.485	1.268	451.765	0.27%	97.62%
74.0	10.572	1.160	452.924	0.25%	97.87%
75.0	9.759	1.074	453.999	0.23%	98.10%

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

Date: 2022/3/4
Humidity(%): 59.0%

Operator: 01
Distance(m): 10.68

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	8.669	0.978	454.977	0.21%	98.31%
77.0	8.006	0.889	455.866	0.19%	98.51%
78.0	7.343	0.822	456.688	0.18%	98.68%
79.0	6.701	0.755	457.442	0.16%	98.85%
80.0	6.281	0.700	458.142	0.15%	99.00%
81.0	5.703	0.648	458.79	0.14%	99.14%
82.0	5.283	0.596	459.386	0.13%	99.27%
83.0	4.926	0.555	459.941	0.12%	99.39%
84.0	4.534	0.515	460.456	0.11%	99.50%
85.0	4.270	0.481	460.937	0.10%	99.60%
86.0	3.999	0.452	461.389	0.10%	99.70%
87.0	3.785	0.426	461.815	0.09%	99.79%
88.0	3.593	0.404	462.219	0.09%	99.88%
89.0	3.343	0.380	462.599	0.08%	99.96%
90.0	0.000	0.183	462.782	0.04%	100.00%
91.0	0.000	0.000	462.782	0.00%	100.00%
92.0	0.000	0.000	462.782	0.00%	100.00%
93.0	0.000	0.000	462.782	0.00%	100.00%
94.0	0.000	0.000	462.782	0.00%	100.00%
95.0	0.000	0.000	462.782	0.00%	100.00%
96.0	0.000	0.000	462.782	0.00%	100.00%
97.0	0.000	0.000	462.782	0.00%	100.00%
98.0	0.000	0.000	462.782	0.00%	100.00%
99.0	0.000	0.000	462.782	0.00%	100.00%
100.0	0.000	0.000	462.782	0.00%	100.00%
101.0	0.000	0.000	462.782	0.00%	100.00%
102.0	0.000	0.000	462.782	0.00%	100.00%
103.0	0.000	0.000	462.782	0.00%	100.00%
104.0	0.000	0.000	462.782	0.00%	100.00%
105.0	0.000	0.000	462.782	0.00%	100.00%
106.0	0.000	0.000	462.782	0.00%	100.00%
107.0	0.000	0.000	462.782	0.00%	100.00%
108.0	0.000	0.000	462.782	0.00%	100.00%
109.0	0.000	0.000	462.782	0.00%	100.00%
110.0	0.000	0.000	462.782	0.00%	100.00%
111.0	0.000	0.000	462.782	0.00%	100.00%
112.0	0.000	0.000	462.782	0.00%	100.00%
113.0	0.000	0.000	462.782	0.00%	100.00%

TroyCSL Lighting B7116-TBZ

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	462.782	0.00%	100.00%
115.0	0.000	0.000	462.782	0.00%	100.00%
116.0	0.000	0.000	462.782	0.00%	100.00%
117.0	0.000	0.000	462.782	0.00%	100.00%
118.0	0.000	0.000	462.782	0.00%	100.00%
119.0	0.000	0.000	462.782	0.00%	100.00%
120.0	0.000	0.000	462.782	0.00%	100.00%
121.0	0.000	0.000	462.782	0.00%	100.00%
122.0	0.000	0.000	462.782	0.00%	100.00%
123.0	0.000	0.000	462.782	0.00%	100.00%
124.0	0.000	0.000	462.782	0.00%	100.00%
125.0	0.000	0.000	462.782	0.00%	100.00%
126.0	0.000	0.000	462.782	0.00%	100.00%
127.0	0.000	0.000	462.782	0.00%	100.00%
128.0	0.000	0.000	462.782	0.00%	100.00%
129.0	0.000	0.000	462.782	0.00%	100.00%
130.0	0.000	0.000	462.782	0.00%	100.00%
131.0	0.000	0.000	462.782	0.00%	100.00%
132.0	0.000	0.000	462.782	0.00%	100.00%
133.0	0.000	0.000	462.782	0.00%	100.00%
134.0	0.000	0.000	462.782	0.00%	100.00%
135.0	0.000	0.000	462.782	0.00%	100.00%
136.0	0.000	0.000	462.782	0.00%	100.00%
137.0	0.000	0.000	462.782	0.00%	100.00%
138.0	0.000	0.000	462.782	0.00%	100.00%
139.0	0.000	0.000	462.782	0.00%	100.00%
140.0	0.000	0.000	462.782	0.00%	100.00%
141.0	0.000	0.000	462.782	0.00%	100.00%
142.0	0.000	0.000	462.782	0.00%	100.00%
143.0	0.000	0.000	462.782	0.00%	100.00%
144.0	0.000	0.000	462.782	0.00%	100.00%
145.0	0.000	0.000	462.782	0.00%	100.00%
146.0	0.000	0.000	462.782	0.00%	100.00%
147.0	0.000	0.000	462.782	0.00%	100.00%
148.0	0.000	0.000	462.782	0.00%	100.00%
149.0	0.000	0.000	462.782	0.00%	100.00%
150.0	0.000	0.000	462.782	0.00%	100.00%
151.0	0.000	0.000	462.782	0.00%	100.00%

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

Date: 2022/3/4
Humidity(%): 59.0%

Operator: 01
Distance(m): 10.68

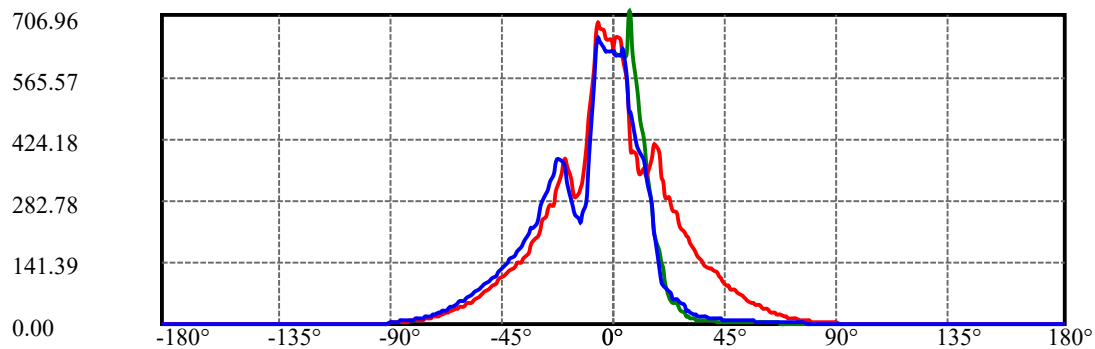
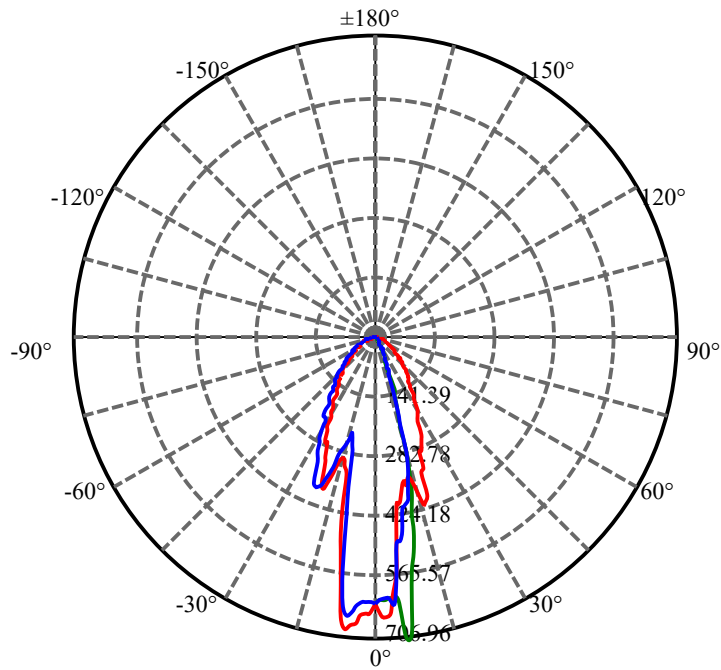
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
152.0	0.000	0.000	462.782	0.00%	100.00%
153.0	0.000	0.000	462.782	0.00%	100.00%
154.0	0.000	0.000	462.782	0.00%	100.00%
155.0	0.000	0.000	462.782	0.00%	100.00%
156.0	0.000	0.000	462.782	0.00%	100.00%
157.0	0.000	0.000	462.782	0.00%	100.00%
158.0	0.000	0.000	462.782	0.00%	100.00%
159.0	0.000	0.000	462.782	0.00%	100.00%
160.0	0.000	0.000	462.782	0.00%	100.00%
161.0	0.000	0.000	462.782	0.00%	100.00%
162.0	0.000	0.000	462.782	0.00%	100.00%
163.0	0.000	0.000	462.782	0.00%	100.00%
164.0	0.000	0.000	462.782	0.00%	100.00%
165.0	0.000	0.000	462.782	0.00%	100.00%
166.0	0.000	0.000	462.782	0.00%	100.00%
167.0	0.000	0.000	462.782	0.00%	100.00%
168.0	0.000	0.000	462.782	0.00%	100.00%
169.0	0.000	0.000	462.782	0.00%	100.00%
170.0	0.000	0.000	462.782	0.00%	100.00%
171.0	0.000	0.000	462.782	0.00%	100.00%
172.0	0.000	0.000	462.782	0.00%	100.00%
173.0	0.000	0.000	462.782	0.00%	100.00%
174.0	0.000	0.000	462.782	0.00%	100.00%
175.0	0.000	0.000	462.782	0.00%	100.00%
176.0	0.000	0.000	462.782	0.00%	100.00%
177.0	0.000	0.000	462.782	0.00%	100.00%
178.0	0.000	0.000	462.782	0.00%	100.00%
179.0	0.000	0.000	462.782	0.00%	100.00%
180.0	0.000	0.000	462.782	0.00%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixt
0-30	237.91	51.41%
0-40	318.36	68.79%
0-60	423.81	91.58%
0-90	462.78	100.00%
0-120	462.78	100.00%
0-180	462.78	100.00%
60-90	38.97	8.42%
90-120	0.00	0.00%
90-130	0.00	0.00%
90-150	0.00	0.00%
90-180	0.00	0.00%
0-47.96	370.23	80.00%

ZONAL LUMEN SUMMARY

0-10	49.35
10-20	87.62
20-30	100.94
30-40	80.45
40-50	62.94
50-60	42.52
60-70	23.78
70-80	10.55
80-90	4.64
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



C157.5(Max):

C0/C180:

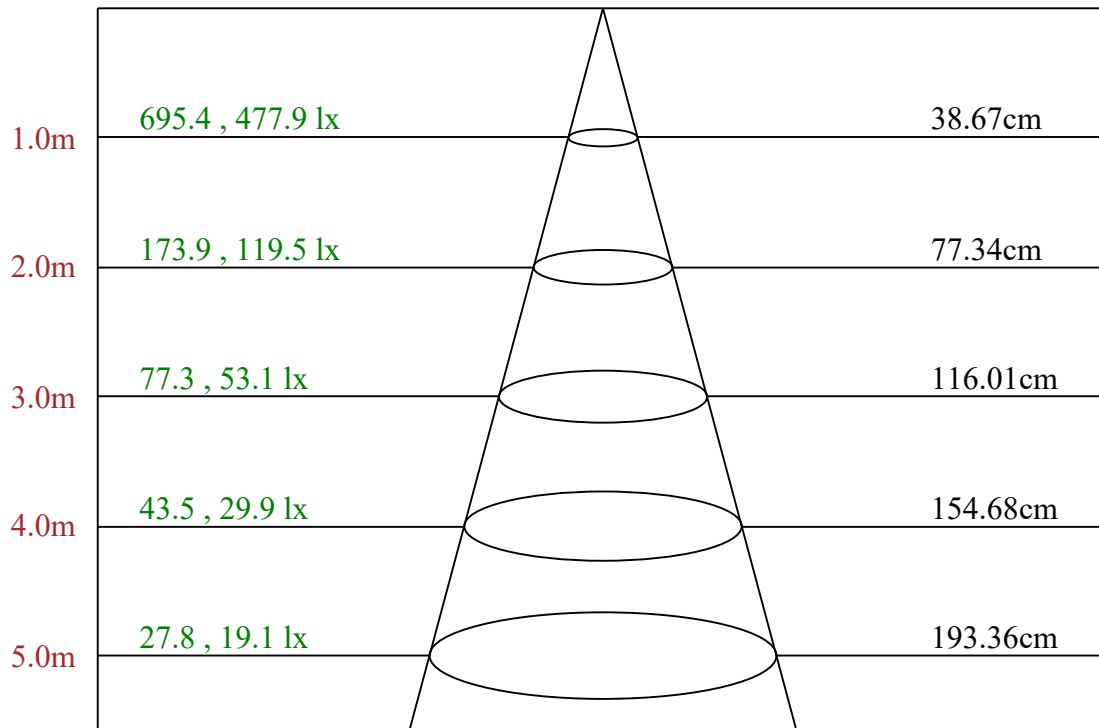
C90/C270:

Field angle(10%Imax):C0/180Left:48.0 Right:57.0

:C90/270Left:52.3 Right:28.3

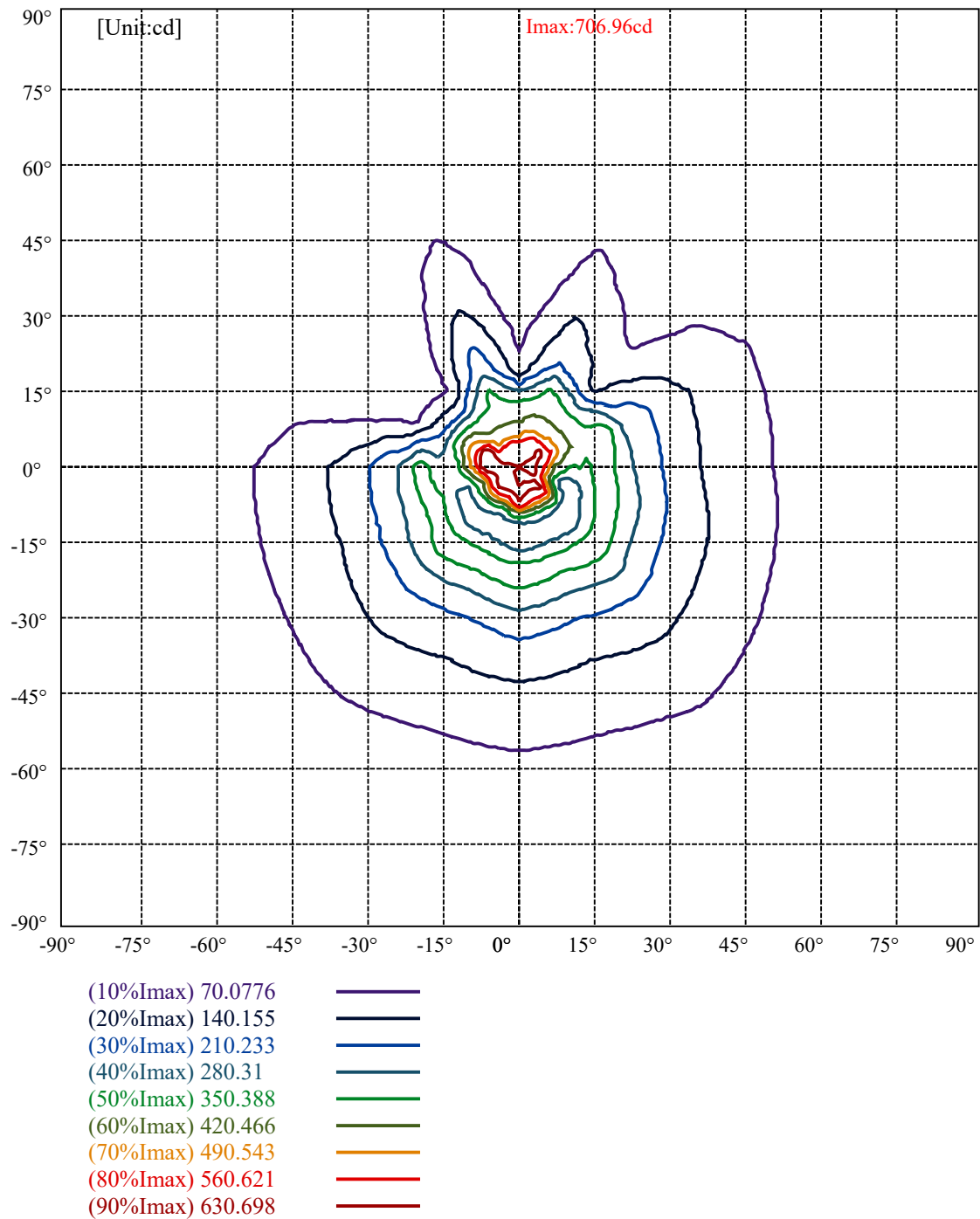
Beam Angle(50%Imax):C0/180Left:15.0 Right:25.0

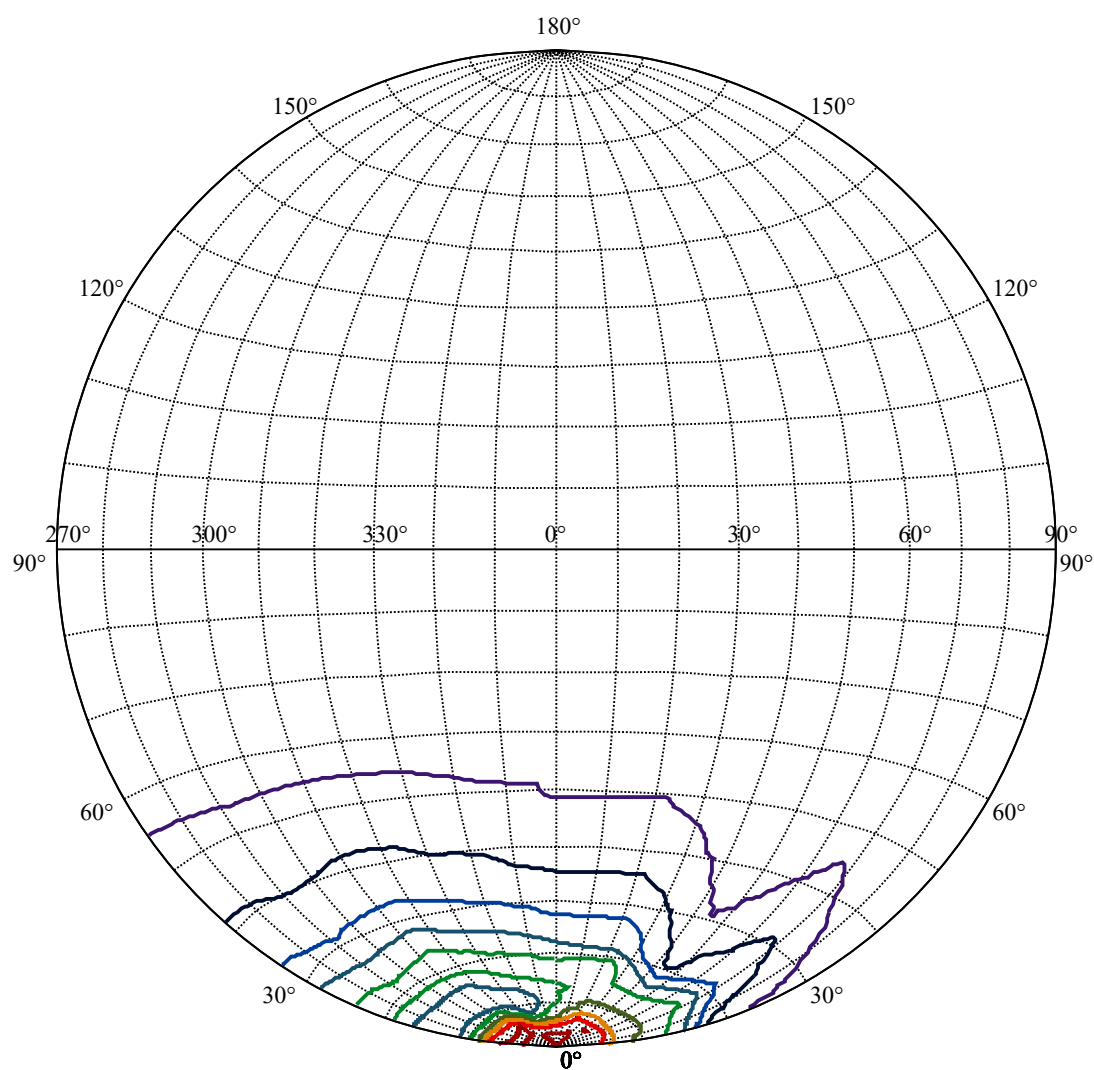
:C90/270Left:19.8 Right:18.8



Max , Ave

Beam angle of C157.5 plane 21.89





House

[Unit:cd]

Road

Imax:706.96

(10%Imax) 70.6457

(20%Imax) 141.291

(30%Imax) 211.937

(40%Imax) 282.583

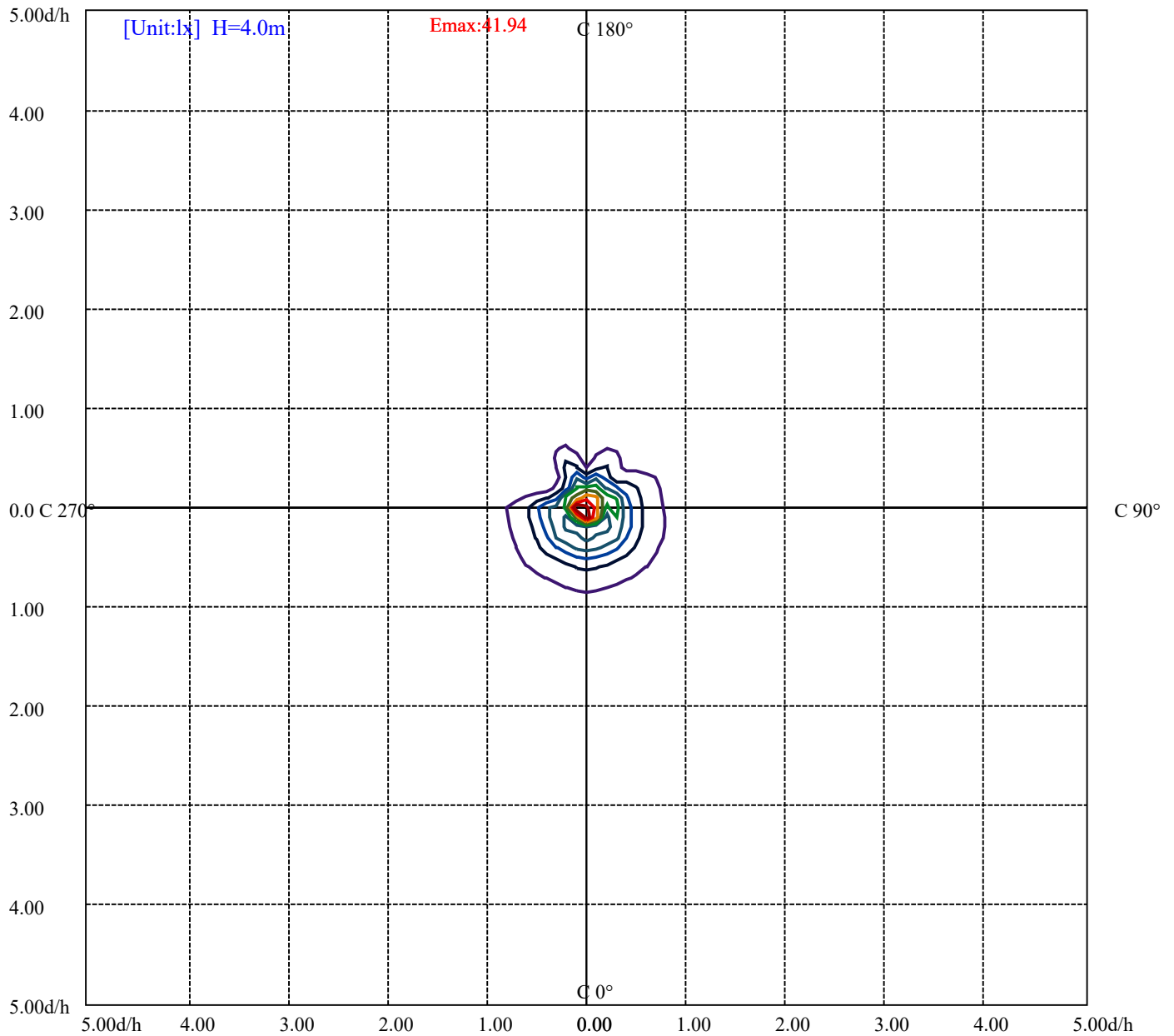
(50%Imax) 353.228

(60%Imax) 423.874

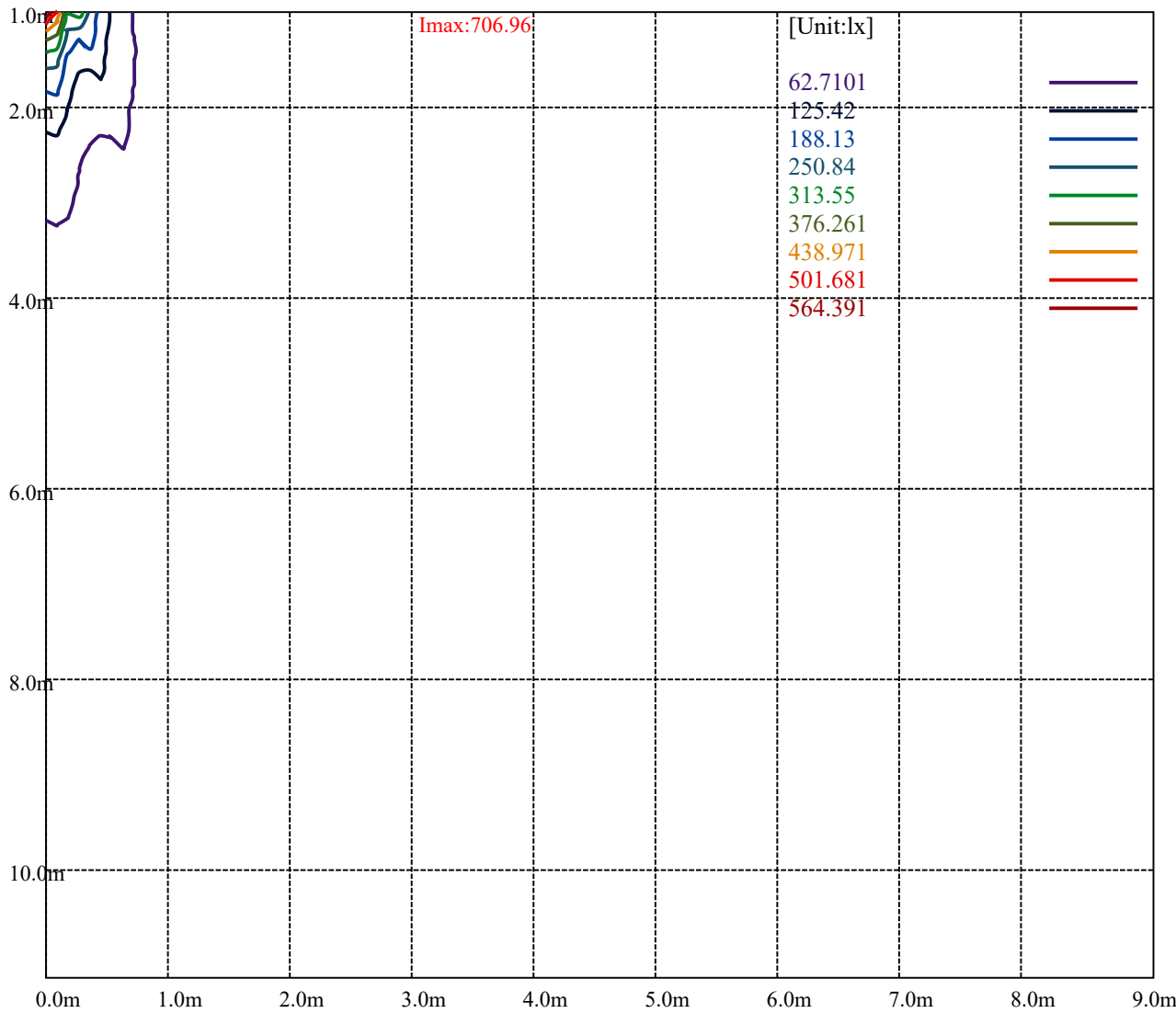
(70%Imax) 494.52

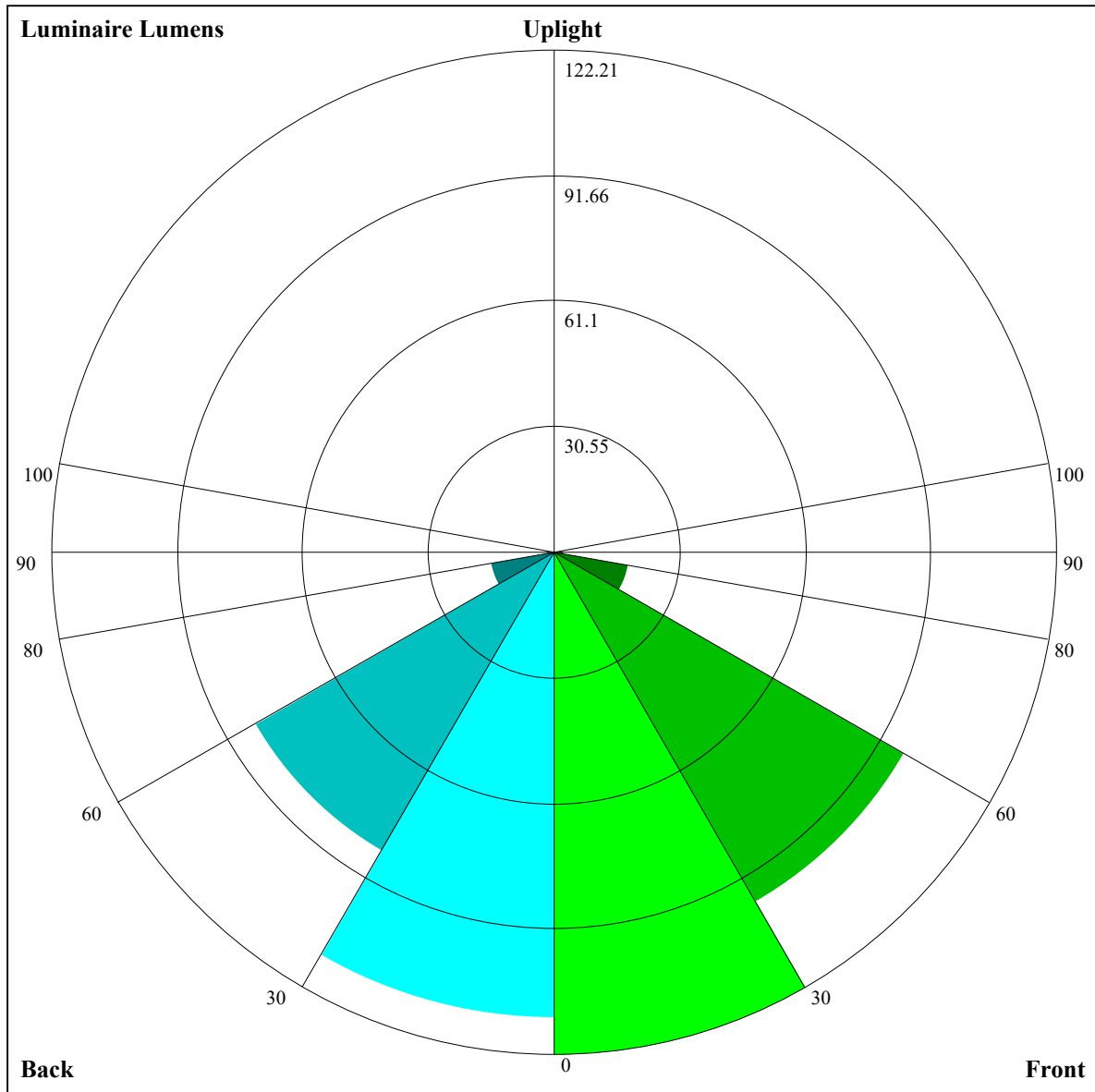
(80%Imax) 565.166

(90%Imax) 635.811



(10%Emax)	4.193525	—
(20%Emax)	8.387062	—
(30%Emax)	12.58056	—
(40%Emax)	16.77412	—
(50%Emax)	20.96762	—
(60%Emax)	25.16119	—
(70%Emax)	29.35469	—
(80%Emax)	33.54819	—
(90%Emax)	37.74175	—





Luminaire Lumens:

FL=122.21,FM=98.26,FH=18.36,FVH=2.33

BL=113.46,BM=83.87,BH=15.79,BVH=2.08

UL=0,UH=0

BUG Rating:B1-U0-G0

TroyCSL Lighting B7116-TBZ

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	627.10	653.69	655.74	647.30	607.38	557.77	487.27	399.79	394.31		
22.5	627.10	639.09	639.21	638.41	635.67	631.91	593.69	566.32	503.02		
45.0	627.10	626.66	624.15	623.24	625.63	638.75	589.47	498.34	488.99		
67.5	627.10	624.49	622.89	620.16	616.05	603.39	583.32	496.29	469.14		
90.0	627.10	616.74	613.88	612.86	627.23	565.64	491.15	481.34	460.01		
112.5	627.10	619.70	616.96	614.11	575.22	583.43	487.39	429.22	447.47		
135.0	627.10	611.83	607.27	616.85	608.64	539.06	482.03	475.75	445.87		
157.5	627.10	617.08	616.39	613.09	612.97	619.59	706.96	702.05	620.96		
180.0	627.10	650.73	650.50	655.63	670.34	678.10	688.82	662.59	585.37		
202.5	627.10	645.25	653.92	666.47	668.06	622.32	579.32	473.13	395.23		
225.0	627.10	629.85	630.42	640.12	649.02	659.97	608.98	550.47	458.99		
247.5	627.10	624.15	633.27	645.48	650.95	647.99	543.62	516.82	388.15		
270.0	627.10	622.44	621.64	623.69	633.50	644.45	654.49	628.37	551.04		
292.5	627.10	619.82	621.64	631.68	637.15	646.85	586.39	566.32	481.69		
315.0	627.10	617.88	619.59	621.75	633.62	638.75	645.59	577.04	512.25		
337.5	627.10	629.51	636.24	644.34	603.62	539.63	428.87	358.61	282.08		
360.0	627.10	653.69	655.74	647.30	607.38	557.77	487.27	399.79	394.31		
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0		
0.0	388.04	351.31	342.99	355.76	336.83	348.69	376.41	407.43	406.86		
22.5	438.11	449.52	417.70	388.38	380.63	373.78	361.12	375.27	379.14		
45.0	476.21	438.46	407.77	406.97	378.92	353.37	334.66	288.46	260.86		
67.5	467.88	451.69	404.92	401.39	392.26	373.33	368.42	360.32	332.15		
90.0	411.99	401.04	391.69	371.27	342.53	316.07	275.12	215.46	187.75		
112.5	410.62	392.49	377.43	382.45	362.49	364.54	365.23	355.08	343.10		
135.0	412.34	399.22	397.17	357.24	314.70	275.80	226.64	174.74	152.39		
157.5	555.03	512.25	464.23	421.23	373.67	333.97	272.72	220.37	191.40		
180.0	506.89	464.46	404.35	330.78	311.16	297.82	291.89	304.32	332.49		
202.5	358.27	296.90	267.93	275.69	276.49	292.91	319.60	356.33	366.94		
225.0	358.84	323.25	290.52	242.15	243.30	267.48	276.60	288.12	334.55		
247.5	318.46	290.52	238.62	240.56	252.65	275.46	281.73	315.84	337.17		
270.0	423.74	355.99	280.37	256.53	232.35	240.79	251.96	269.30	287.32		
292.5	385.42	322.80	290.86	253.22	237.14	260.40	267.25	287.89	307.06		
315.0	414.05	350.86	268.39	252.08	223.45	239.07	260.40	271.35	300.44		
337.5	234.40	225.84	238.39	257.55	276.94	308.20	328.96	351.43	373.44		
360.0	388.04	351.31	342.99	355.76	336.83	348.69	376.41	407.43	406.86		
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0		
0.0	388.61	337.40	326.79	290.52	288.46	271.81	260.52	254.13	234.06		
22.5	378.12	363.40	336.03	291.54	270.56	262.46	255.61	245.58	234.51		
45.0	221.62	177.71	144.06	127.41	119.88	114.40	110.41	104.60	96.61		
67.5	313.67	279.80	257.90	220.37	208.51	204.63	202.92	191.51	179.53		
90.0	129.23	95.24	89.77	81.90	75.28	69.24	58.63	55.21	52.01		
112.5	319.49	281.16	270.33	255.27	246.49	241.93	231.89	217.86	200.64		
135.0	113.61	80.07	66.38	60.91	56.12	52.35	41.97	39.35	37.75		
157.5	165.73	142.12	128.66	90.11	62.28	52.81	50.19	48.36	39.47		
180.0	361.24	376.98	368.76	344.58	317.89	301.12	272.27	273.64	265.20		
202.5	366.03	363.52	355.08	323.14	307.85	296.79	282.53	271.81	261.55		
225.0	351.31	367.05	375.04	370.59	366.71	353.82	324.85	311.39	293.82		
247.5	357.70	368.19	364.32	368.08	351.43	321.66	305.92	302.61	278.31		
270.0	320.40	354.39	368.54	374.01	378.46	370.82	343.44	323.25	309.57		
292.5	341.50	367.62	364.77	358.95	352.11	335.69	316.30	311.05	288.35		
315.0	319.37	359.52	378.34	383.14	376.75	368.31	348.46	329.87	312.87		
337.5	386.67	382.68	376.41	345.84	335.91	312.30	299.19	285.84	262.57		
360.0	388.61	337.40	326.79	290.52	288.46	271.81	260.52	254.13	234.06		

TroyCSL Lighting B7116-TBZ

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	221.51	209.53	199.84	197.10	184.90	169.84	161.74	152.39	144.52		
22.5	215.92	206.91	199.50	196.30	186.38	178.39	172.69	155.58	144.17		
45.0	91.14	89.65	83.72	79.50	71.06	63.08	57.72	54.98	53.27		
67.5	166.53	163.91	159.69	150.90	144.75	133.57	122.73	114.75	110.30		
90.0	50.42	42.89	32.74	29.43	26.01	23.38	20.99	19.62	18.48		
112.5	191.74	190.48	179.65	170.64	161.06	148.17	138.93	133.34	126.50		
135.0	34.10	26.35	20.42	18.14	15.74	14.26	12.66	12.09	11.63		
157.5	31.25	24.18	18.25	16.08	13.80	11.63	10.84	9.58	8.55		
180.0	246.03	235.77	213.75	203.83	196.19	187.75	178.05	164.25	154.78		
202.5	240.10	224.93	210.67	211.59	202.80	189.34	174.52	166.30	161.85		
225.0	277.29	269.19	247.52	225.39	217.40	211.81	203.15	190.94	183.75		
247.5	262.80	248.66	222.99	217.52	211.36	198.24	193.45	179.99	174.06		
270.0	297.70	282.76	268.73	239.99	230.29	221.40	219.46	207.94	191.51		
292.5	271.13	253.22	239.53	224.02	212.04	209.30	197.44	181.82	178.51		
315.0	294.05	289.03	264.97	244.44	237.48	224.93	219.23	204.97	195.16		
337.5	247.06	237.82	223.79	219.57	207.94	197.10	193.34	182.27	169.50		
360.0	221.51	209.53	199.84	197.10	184.90	169.84	161.74	152.39	144.52		
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0		
0.0	136.53	130.49	128.09	125.92	121.82	116.91	109.73	105.85	97.87		
22.5	140.98	133.45	126.04	119.99	115.55	114.18	109.73	105.17	99.46		
45.0	49.62	45.97	44.14	41.52	40.38	39.01	37.64	36.96	35.70		
67.5	108.25	102.31	95.47	90.22	85.32	83.95	81.55	76.31	74.37		
90.0	17.11	15.74	15.28	14.49	13.69	12.89	12.09	11.63	10.95		
112.5	122.16	112.24	107.45	104.48	100.72	99.58	95.36	89.42	83.72		
135.0	11.06	10.04	9.47	9.01	8.33	7.98	7.53	7.30	7.07		
157.5	7.87	7.64	7.64	7.19	6.73	6.16	5.70	5.47	5.13		
180.0	149.76	142.12	138.70	132.77	126.15	123.87	119.77	114.86	111.55		
202.5	154.21	142.35	139.50	135.62	133.00	128.66	124.56	121.02	114.75		
225.0	177.14	166.65	158.89	150.11	145.54	142.35	136.08	131.40	127.64		
247.5	166.53	155.47	150.90	143.60	138.93	134.59	130.03	127.41	122.39		
270.0	185.69	176.34	167.90	159.35	152.05	147.37	140.98	136.08	131.06		
292.5	166.99	158.55	153.30	146.11	139.95	135.73	130.15	128.21	124.44		
315.0	190.37	178.28	170.75	161.51	151.59	148.51	144.29	138.81	133.34		
337.5	165.16	156.49	151.36	145.77	138.59	134.94	129.92	123.64	116.23		
360.0	136.53	130.49	128.09	125.92	121.82	116.91	109.73	105.85	97.87		
C/γ(°)	45.0	46.0	47.0	48.0	49.0	50.0	51.0	52.0	53.0		
0.0	87.94	86.23	80.98	77.33	73.80	69.24	66.50	62.39	57.72		
22.5	93.65	85.66	79.62	74.82	72.09	69.12	66.95	64.10	60.68		
45.0	32.96	31.14	29.77	27.72	26.35	25.09	24.52	23.50	22.47		
67.5	70.26	67.87	60.34	56.80	55.32	52.92	50.87	49.05	46.08		
90.0	10.38	10.15	9.70	9.24	8.90	8.44	8.33	7.87	7.53		
112.5	78.47	76.08	68.32	65.24	63.87	61.59	58.86	54.98	50.76		
135.0	6.84	6.50	6.27	5.93	5.70	5.47	5.36	5.25	4.90		
157.5	4.90	4.68	4.56	4.45	4.33	4.11	3.99	3.88	3.76		
180.0	106.42	98.89	91.82	85.89	82.58	76.88	73.00	70.26	66.04		
202.5	107.67	99.92	92.62	88.74	84.75	80.53	78.02	71.75	66.16		
225.0	116.69	110.07	104.94	98.89	95.70	90.22	86.69	81.67	76.65		
247.5	108.93	104.71	98.66	95.36	90.45	85.55	82.81	77.68	72.32		
270.0	125.01	119.20	111.44	104.82	101.86	96.50	92.50	87.49	82.24		
292.5	118.85	111.78	103.91	97.64	91.82	87.37	84.98	80.64	75.05		
315.0	127.29	120.68	114.06	107.90	104.48	97.64	93.76	89.65	85.20		
337.5	108.70	104.94	98.21	96.04	88.51	83.49	81.21	75.51	70.95		
360.0	87.94	86.23	80.98	77.33	73.80	69.24	66.50	62.39	57.72		

TroyCSL Lighting B7116-TBZ

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	54.29	50.30	48.70	45.74	42.66	39.24	36.61	33.99	31.37	
22.5	58.40	53.38	49.50	46.42	43.80	42.20	38.21	35.82	34.22	
45.0	20.53	18.82	18.25	17.34	16.08	15.51	14.49	13.57	12.66	
67.5	44.03	40.04	37.18	34.67	31.71	31.14	29.20	26.69	25.44	
90.0	7.19	6.84	6.73	6.39	5.93	5.82	5.47	5.25	4.90	
112.5	48.25	43.80	41.29	38.90	36.04	34.22	32.17	29.66	28.29	
135.0	4.79	4.56	4.45	4.22	3.99	3.88	3.65	3.54	3.42	
157.5	3.65	3.54	3.42	3.31	3.08	2.97	2.85	2.74	2.62	
180.0	63.42	55.89	51.90	49.85	47.11	43.80	41.18	38.32	36.84	
202.5	61.71	57.60	55.66	52.24	49.39	46.08	41.86	40.15	35.93	
225.0	73.57	67.98	63.08	61.59	58.29	53.95	50.87	47.34	45.17	
247.5	67.64	62.85	61.25	58.29	55.09	51.67	47.68	44.14	40.83	
270.0	79.05	73.23	69.01	65.36	61.82	57.94	54.64	50.87	48.82	
292.5	70.15	64.67	62.51	59.08	56.00	52.47	49.16	46.99	41.86	
315.0	81.78	73.80	71.17	67.98	63.87	59.77	56.35	52.70	50.53	
337.5	67.75	63.99	61.94	58.06	54.41	50.76	46.08	44.03	40.61	
360.0	54.29	50.30	48.70	45.74	42.66	39.24	36.61	33.99	31.37	
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0	
0.0	27.72	26.23	24.07	22.01	20.19	18.02	16.88	15.28	13.69	
22.5	31.37	29.31	26.69	24.07	22.70	20.42	18.59	16.54	14.49	
45.0	11.63	11.18	10.27	9.47	8.78	7.87	7.41	6.73	6.16	
67.5	23.15	21.33	19.62	17.68	16.65	14.60	13.12	11.86	10.72	
90.0	4.68	4.56	4.33	4.11	3.88	3.65	3.54	3.19	3.19	
112.5	25.66	23.61	21.56	19.39	18.25	16.20	14.49	13.12	11.75	
135.0	3.19	3.08	2.97	2.85	2.74	2.62	2.51	2.40	2.28	
157.5	2.51	2.40	2.40	2.28	2.17	2.17	2.05	2.05	1.94	
180.0	34.33	32.05	29.66	27.15	25.78	23.04	20.42	19.28	17.22	
202.5	32.39	30.80	28.29	26.01	23.72	21.44	20.30	18.48	17.00	
225.0	40.83	37.64	34.45	31.37	29.66	26.80	23.84	22.70	20.42	
247.5	36.96	35.25	31.94	29.31	27.03	24.30	23.04	21.10	19.39	
270.0	44.60	41.29	37.75	34.67	32.85	29.66	27.37	24.98	22.93	
292.5	38.10	36.27	33.42	30.57	28.06	25.32	24.18	22.24	20.19	
315.0	46.08	42.55	39.47	35.93	33.99	30.80	27.49	26.01	23.50	
337.5	37.18	34.10	30.91	28.63	26.35	23.72	22.47	20.42	18.48	
360.0	27.72	26.23	24.07	22.01	20.19	18.02	16.88	15.28	13.69	
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0	
0.0	12.32	11.18	10.15	9.24	8.21	7.64	6.84	6.27	5.82	
22.5	13.35	12.20	10.95	10.27	9.01	8.10	7.30	6.62	6.27	
45.0	5.59	5.13	4.90	4.33	3.88	3.65	3.42	3.19	2.97	
67.5	9.35	8.44	7.64	7.19	6.39	5.59	5.13	4.68	4.45	
90.0	2.97	2.74	2.62	2.40	2.28	2.17	2.17	2.05	2.05	
112.5	11.06	9.35	8.44	7.87	6.96	6.27	5.70	5.13	4.90	
135.0	2.17	2.17	2.05	1.94	1.82	1.82	1.71	1.71	1.71	
157.5	1.82	1.82	1.71	1.71	1.60	1.60	1.60	1.48	1.48	
180.0	15.63	14.26	12.89	11.98	10.49	9.47	8.78	7.98	7.53	
202.5	15.28	13.46	12.32	11.29	10.04	9.47	8.67	7.87	7.30	
225.0	18.71	17.11	15.74	14.83	13.12	11.98	10.95	9.92	9.01	
247.5	17.34	15.97	15.17	13.12	11.63	10.95	10.04	9.12	8.44	
270.0	21.79	18.82	17.34	16.54	14.71	13.35	12.20	11.06	10.49	
292.5	18.48	16.54	15.06	13.57	12.09	11.41	10.49	9.58	8.78	
315.0	21.56	19.62	18.02	17.00	15.17	13.92	12.66	11.52	10.95	
337.5	16.77	14.94	14.14	12.89	11.29	10.72	9.81	9.01	8.33	
360.0	12.32	11.18	10.15	9.24	8.21	7.64	6.84	6.27	5.82	

TroyCSL Lighting B7116-TBZ

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	5.25	4.90	4.56	4.11	3.99	3.76	3.65	3.42	2.97		
22.5	5.59	5.02	4.56	4.22	3.99	3.54	3.42	3.31	3.08		
45.0	2.62	2.62	2.40	2.28	2.17	2.17	2.05	1.94	1.82		
67.5	3.99	3.65	3.31	3.08	2.97	2.62	2.51	2.40	2.28		
90.0	1.94	1.94	1.82	1.60	1.71	1.60	1.60	1.48	1.48		
112.5	4.33	3.99	3.54	3.31	3.08	2.97	2.74	2.62	2.51		
135.0	1.60	1.60	1.60	1.48	1.48	1.48	1.48	1.48	1.37		
157.5	1.48	1.37	1.37	1.37	1.37	1.37	1.25	1.25	1.25		
180.0	6.73	6.16	5.70	5.13	4.79	4.45	4.11	3.99	3.65		
202.5	6.62	6.39	6.05	5.59	5.02	4.68	4.45	4.11	3.76		
225.0	8.55	7.64	7.30	6.73	6.16	5.82	5.47	5.25	4.90		
247.5	7.76	7.30	6.62	6.27	5.82	5.47	5.13	4.79	4.56		
270.0	9.35	8.55	7.98	7.30	6.84	6.39	5.93	5.70	5.25		
292.5	7.98	7.53	6.96	6.16	5.93	5.59	5.25	4.90	4.56		
315.0	9.81	8.55	8.21	7.53	7.07	6.62	6.16	5.93	5.47		
337.5	7.64	7.30	6.84	6.39	5.93	5.47	5.36	4.90	4.56		
360.0	5.25	4.90	4.56	4.11	3.99	3.76	3.65	3.42	2.97		
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 B7116-TBZ

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 B7116-TBZ

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 B7116-TBZ

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										