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TroyCSL Lighting

Client:

LumCAT: B8816-TBK

Luminaire:

Report No: BSR202203080101-9

Ballast type:

Test No: BSR202203080101-9

Voltage(V): 120.000

LampCAT: A19 12W LED

Current(A): 0.094

Lamp flux(lm)

Power (W): 11.080

Number of Lamps: 1

PF: 1.000

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 645.79, Luminous Efficacy(lm/W): 58.28

Central intensity(cd): 152.259, Maximum intensity(cd): 158.661

Angle of maximum intensity: C=67.5 γ =15.0

Beam Angle(50%Imax): [C0/180]Total=155.4

[C90/270]Total=149.8

Field angle(10%Imax): [C0/180]Total=169.0

[C90/270]Total=169.7

Maximum s/h(1/2): C0_180=1.47 C90_270=1.50

Maximum s/h(1/4): C0_180=1.64 C90_270=1.72

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 66.073%

TroyCSL Lighting B8816-TBK

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	152.259	0.000	0	0.00%	0.00%
1.0	152.252	0.146	0.146	0.02%	0.02%
2.0	152.273	0.437	0.583	0.07%	0.09%
3.0	152.152	0.728	1.311	0.11%	0.20%
4.0	152.067	1.018	2.329	0.16%	0.36%
5.0	151.924	1.308	3.637	0.20%	0.56%
6.0	151.746	1.596	5.233	0.25%	0.81%
7.0	151.696	1.883	7.116	0.29%	1.10%
8.0	151.475	2.170	9.286	0.34%	1.44%
9.0	151.325	2.454	11.74	0.38%	1.82%
10.0	151.104	2.737	14.477	0.42%	2.24%
11.0	150.990	3.019	17.495	0.47%	2.71%
12.0	150.726	3.298	20.794	0.51%	3.22%
13.0	150.363	3.573	24.367	0.55%	3.77%
14.0	150.056	3.845	28.212	0.60%	4.37%
15.0	149.757	4.116	32.328	0.64%	5.01%
16.0	149.365	4.383	36.711	0.68%	5.68%
17.0	149.101	4.648	41.359	0.72%	6.40%
18.0	148.709	4.910	46.269	0.76%	7.16%
19.0	148.267	5.167	51.436	0.80%	7.96%
20.0	147.861	5.420	56.856	0.84%	8.80%
21.0	147.376	5.669	62.525	0.88%	9.68%
22.0	146.941	5.914	68.44	0.92%	10.60%
23.0	146.520	6.158	74.597	0.95%	11.55%
24.0	145.893	6.393	80.99	0.99%	12.54%
25.0	145.487	6.625	87.616	1.03%	13.57%
26.0	144.959	6.856	94.472	1.06%	14.63%
27.0	144.325	7.077	101.549	1.10%	15.72%
28.0	143.811	7.295	108.844	1.13%	16.85%
29.0	143.391	7.514	116.358	1.16%	18.02%
30.0	142.870	7.729	124.087	1.20%	19.21%
31.0	142.207	7.933	132.02	1.23%	20.44%
32.0	141.587	8.130	140.151	1.26%	21.70%
33.0	141.045	8.326	148.477	1.29%	22.99%
34.0	140.361	8.516	156.993	1.32%	24.31%
35.0	139.726	8.698	165.692	1.35%	25.66%
36.0	139.170	8.880	174.572	1.38%	27.03%
37.0	138.486	9.056	183.628	1.40%	28.43%

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

Date: 2022/3/8
Humidity(%): 59.0%

Operator: 01
Distance(m): 10.68

TroyCSL Lighting B8816-TBK

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	137.887	9.225	192.853	1.43%	29.86%
39.0	137.224	9.390	202.243	1.45%	31.32%
40.0	136.419	9.544	211.787	1.48%	32.79%
41.0	135.806	9.694	221.48	1.50%	34.30%
42.0	135.078	9.842	231.322	1.52%	35.82%
43.0	134.480	9.985	241.307	1.55%	37.37%
44.0	133.781	10.125	251.432	1.57%	38.93%
45.0	133.132	10.258	261.69	1.59%	40.52%
46.0	132.498	10.388	272.078	1.61%	42.13%
47.0	131.728	10.509	282.587	1.63%	43.76%
48.0	131.058	10.623	293.21	1.64%	45.40%
49.0	130.316	10.733	303.944	1.66%	47.07%
50.0	129.447	10.830	314.774	1.68%	48.74%
51.0	128.826	10.927	325.701	1.69%	50.43%
52.0	128.007	11.021	336.722	1.71%	52.14%
53.0	127.272	11.105	347.827	1.72%	53.86%
54.0	126.566	11.188	359.015	1.73%	55.59%
55.0	125.568	11.255	370.27	1.74%	57.34%
56.0	124.592	11.304	381.574	1.75%	59.09%
57.0	123.273	11.333	392.907	1.75%	60.84%
58.0	121.598	11.324	404.23	1.75%	62.59%
59.0	120.464	11.317	415.547	1.75%	64.35%
60.0	118.703	11.299	426.846	1.75%	66.10%
61.0	116.921	11.244	438.091	1.74%	67.84%
62.0	114.946	11.173	449.263	1.73%	69.57%
63.0	112.658	11.070	460.333	1.71%	71.28%
64.0	111.318	10.990	471.323	1.70%	72.98%
65.0	108.922	10.900	482.223	1.69%	74.67%
66.0	106.028	10.725	492.947	1.66%	76.33%
67.0	104.253	10.574	503.521	1.64%	77.97%
68.0	101.608	10.428	513.949	1.61%	79.58%
69.0	98.856	10.227	524.176	1.58%	81.17%
70.0	96.048	10.010	534.186	1.55%	82.72%
71.0	92.890	9.765	543.951	1.51%	84.23%
72.0	89.981	9.509	553.46	1.47%	85.70%
73.0	86.103	9.208	562.668	1.43%	87.13%
74.0	82.153	8.846	571.513	1.37%	88.50%
75.0	78.496	8.488	580.002	1.31%	89.81%

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

Date: 2022/3/8
Humidity(%): 59.0%

Operator: 01
Distance(m): 10.68

TroyCSL Lighting B8816-TBK

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	73.249	8.055	588.057	1.25%	91.06%
77.0	68.687	7.567	595.624	1.17%	92.23%
78.0	63.169	7.058	602.683	1.09%	93.32%
79.0	57.359	6.476	609.159	1.00%	94.33%
80.0	52.020	5.897	615.055	0.91%	95.24%
81.0	45.817	5.291	620.346	0.82%	96.06%
82.0	40.649	4.689	625.035	0.73%	96.79%
83.0	35.744	4.153	629.188	0.64%	97.43%
84.0	30.576	3.613	632.801	0.56%	97.99%
85.0	26.641	3.123	635.924	0.48%	98.47%
86.0	23.069	2.717	638.641	0.42%	98.89%
87.0	20.332	2.375	641.016	0.37%	99.26%
88.0	17.779	2.088	643.104	0.32%	99.58%
89.0	15.648	1.832	644.936	0.28%	99.87%
90.0	0.000	0.858	645.794	0.13%	100.00%
91.0	0.000	0.000	645.794	0.00%	100.00%
92.0	0.000	0.000	645.794	0.00%	100.00%
93.0	0.000	0.000	645.794	0.00%	100.00%
94.0	0.000	0.000	645.794	0.00%	100.00%
95.0	0.000	0.000	645.794	0.00%	100.00%
96.0	0.000	0.000	645.794	0.00%	100.00%
97.0	0.000	0.000	645.794	0.00%	100.00%
98.0	0.000	0.000	645.794	0.00%	100.00%
99.0	0.000	0.000	645.794	0.00%	100.00%
100.0	0.000	0.000	645.794	0.00%	100.00%
101.0	0.000	0.000	645.794	0.00%	100.00%
102.0	0.000	0.000	645.794	0.00%	100.00%
103.0	0.000	0.000	645.794	0.00%	100.00%
104.0	0.000	0.000	645.794	0.00%	100.00%
105.0	0.000	0.000	645.794	0.00%	100.00%
106.0	0.000	0.000	645.794	0.00%	100.00%
107.0	0.000	0.000	645.794	0.00%	100.00%
108.0	0.000	0.000	645.794	0.00%	100.00%
109.0	0.000	0.000	645.794	0.00%	100.00%
110.0	0.000	0.000	645.794	0.00%	100.00%
111.0	0.000	0.000	645.794	0.00%	100.00%
112.0	0.000	0.000	645.794	0.00%	100.00%
113.0	0.000	0.000	645.794	0.00%	100.00%

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

Date: 2022/3/8
Humidity(%): 59.0%

Operator: 01
Distance(m): 10.68

TroyCSL Lighting B8816-TBK

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	645.794	0.00%	100.00%
115.0	0.000	0.000	645.794	0.00%	100.00%
116.0	0.000	0.000	645.794	0.00%	100.00%
117.0	0.000	0.000	645.794	0.00%	100.00%
118.0	0.000	0.000	645.794	0.00%	100.00%
119.0	0.000	0.000	645.794	0.00%	100.00%
120.0	0.000	0.000	645.794	0.00%	100.00%
121.0	0.000	0.000	645.794	0.00%	100.00%
122.0	0.000	0.000	645.794	0.00%	100.00%
123.0	0.000	0.000	645.794	0.00%	100.00%
124.0	0.000	0.000	645.794	0.00%	100.00%
125.0	0.000	0.000	645.794	0.00%	100.00%
126.0	0.000	0.000	645.794	0.00%	100.00%
127.0	0.000	0.000	645.794	0.00%	100.00%
128.0	0.000	0.000	645.794	0.00%	100.00%
129.0	0.000	0.000	645.794	0.00%	100.00%
130.0	0.000	0.000	645.794	0.00%	100.00%
131.0	0.000	0.000	645.794	0.00%	100.00%
132.0	0.000	0.000	645.794	0.00%	100.00%
133.0	0.000	0.000	645.794	0.00%	100.00%
134.0	0.000	0.000	645.794	0.00%	100.00%
135.0	0.000	0.000	645.794	0.00%	100.00%
136.0	0.000	0.000	645.794	0.00%	100.00%
137.0	0.000	0.000	645.794	0.00%	100.00%
138.0	0.000	0.000	645.794	0.00%	100.00%
139.0	0.000	0.000	645.794	0.00%	100.00%
140.0	0.000	0.000	645.794	0.00%	100.00%
141.0	0.000	0.000	645.794	0.00%	100.00%
142.0	0.000	0.000	645.794	0.00%	100.00%
143.0	0.000	0.000	645.794	0.00%	100.00%
144.0	0.000	0.000	645.794	0.00%	100.00%
145.0	0.000	0.000	645.794	0.00%	100.00%
146.0	0.000	0.000	645.794	0.00%	100.00%
147.0	0.000	0.000	645.794	0.00%	100.00%
148.0	0.000	0.000	645.794	0.00%	100.00%
149.0	0.000	0.000	645.794	0.00%	100.00%
150.0	0.000	0.000	645.794	0.00%	100.00%
151.0	0.000	0.000	645.794	0.00%	100.00%

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

Date: 2022/3/8
Humidity(%): 59.0%

Operator: 01
Distance(m): 10.68

TroyCSL Lighting B8816-TBK

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	645.794	0.00%	100.00%
153.0	0.000	0.000	645.794	0.00%	100.00%
154.0	0.000	0.000	645.794	0.00%	100.00%
155.0	0.000	0.000	645.794	0.00%	100.00%
156.0	0.000	0.000	645.794	0.00%	100.00%
157.0	0.000	0.000	645.794	0.00%	100.00%
158.0	0.000	0.000	645.794	0.00%	100.00%
159.0	0.000	0.000	645.794	0.00%	100.00%
160.0	0.000	0.000	645.794	0.00%	100.00%
161.0	0.000	0.000	645.794	0.00%	100.00%
162.0	0.000	0.000	645.794	0.00%	100.00%
163.0	0.000	0.000	645.794	0.00%	100.00%
164.0	0.000	0.000	645.794	0.00%	100.00%
165.0	0.000	0.000	645.794	0.00%	100.00%
166.0	0.000	0.000	645.794	0.00%	100.00%
167.0	0.000	0.000	645.794	0.00%	100.00%
168.0	0.000	0.000	645.794	0.00%	100.00%
169.0	0.000	0.000	645.794	0.00%	100.00%
170.0	0.000	0.000	645.794	0.00%	100.00%
171.0	0.000	0.000	645.794	0.00%	100.00%
172.0	0.000	0.000	645.794	0.00%	100.00%
173.0	0.000	0.000	645.794	0.00%	100.00%
174.0	0.000	0.000	645.794	0.00%	100.00%
175.0	0.000	0.000	645.794	0.00%	100.00%
176.0	0.000	0.000	645.794	0.00%	100.00%
177.0	0.000	0.000	645.794	0.00%	100.00%
178.0	0.000	0.000	645.794	0.00%	100.00%
179.0	0.000	0.000	645.794	0.00%	100.00%
180.0	0.000	0.000	645.794	0.00%	100.00%

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

Date: 2022/3/8
Humidity(%): 59.0%

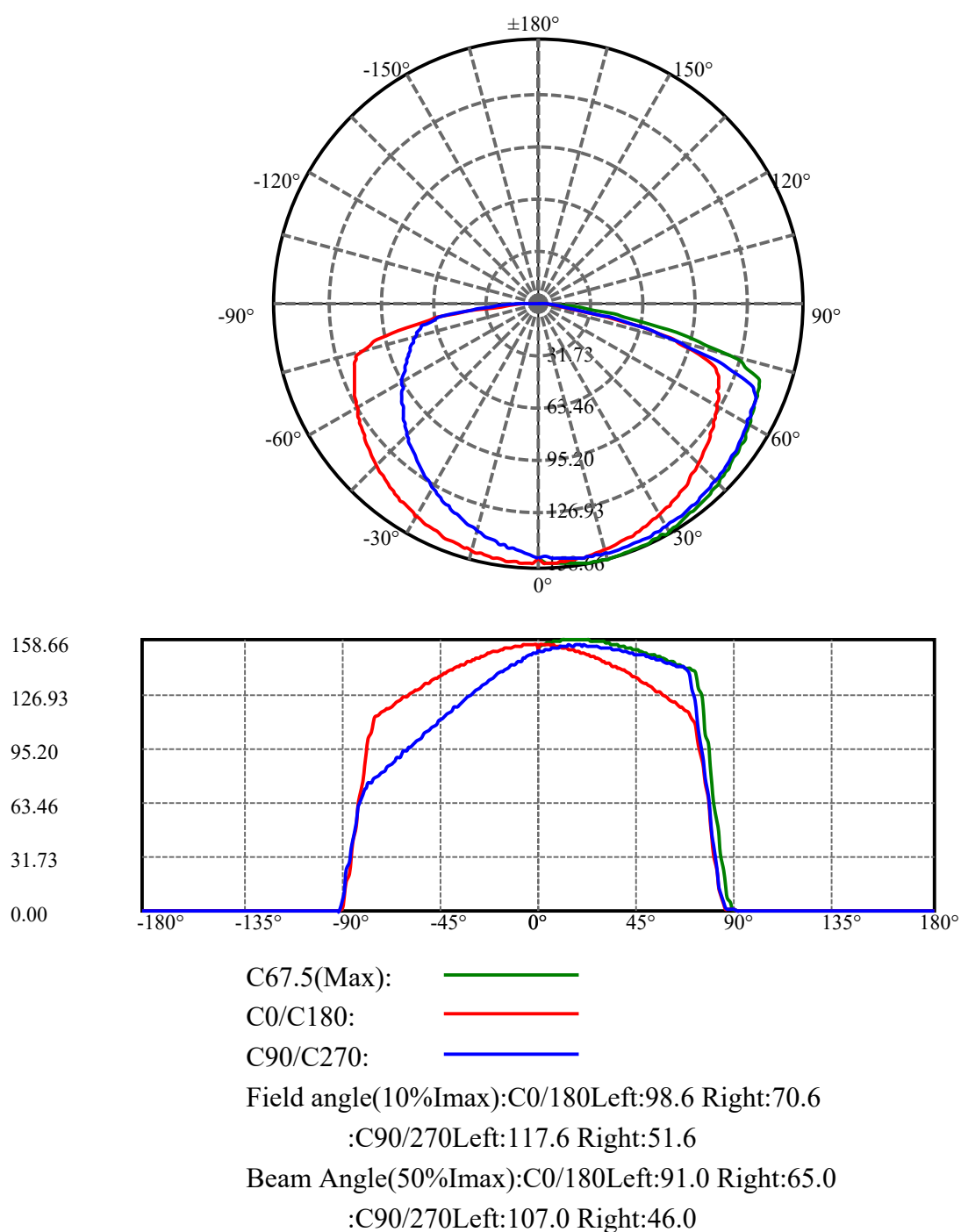
Operator: 01
Distance(m): 10.68

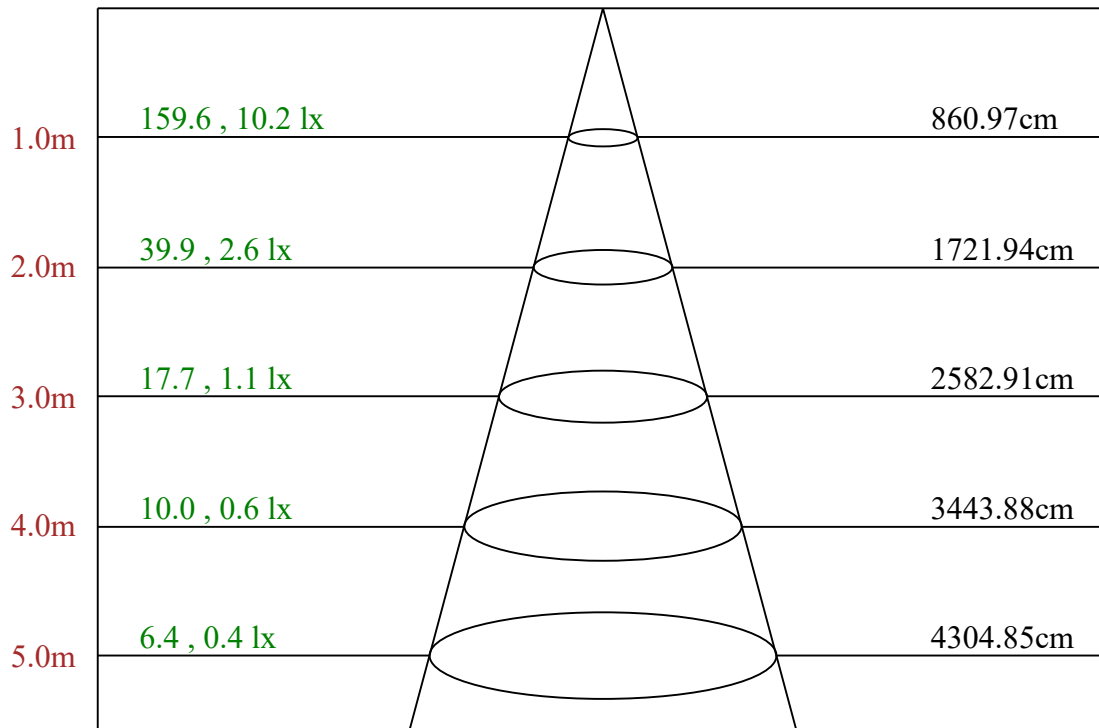
ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixt
0-30	124.09	19.21%
0-40	211.79	32.79%
0-60	426.85	66.10%
0-90	645.79	100.00%
0-120	645.79	100.00%
0-180	645.79	100.00%
60-90	218.95	33.90%
90-120	0.00	0.00%
90-130	0.00	0.00%
90-150	0.00	0.00%
90-180	0.00	0.00%
0-68.26	516.64	80.00%

ZONAL LUMEN SUMMARY

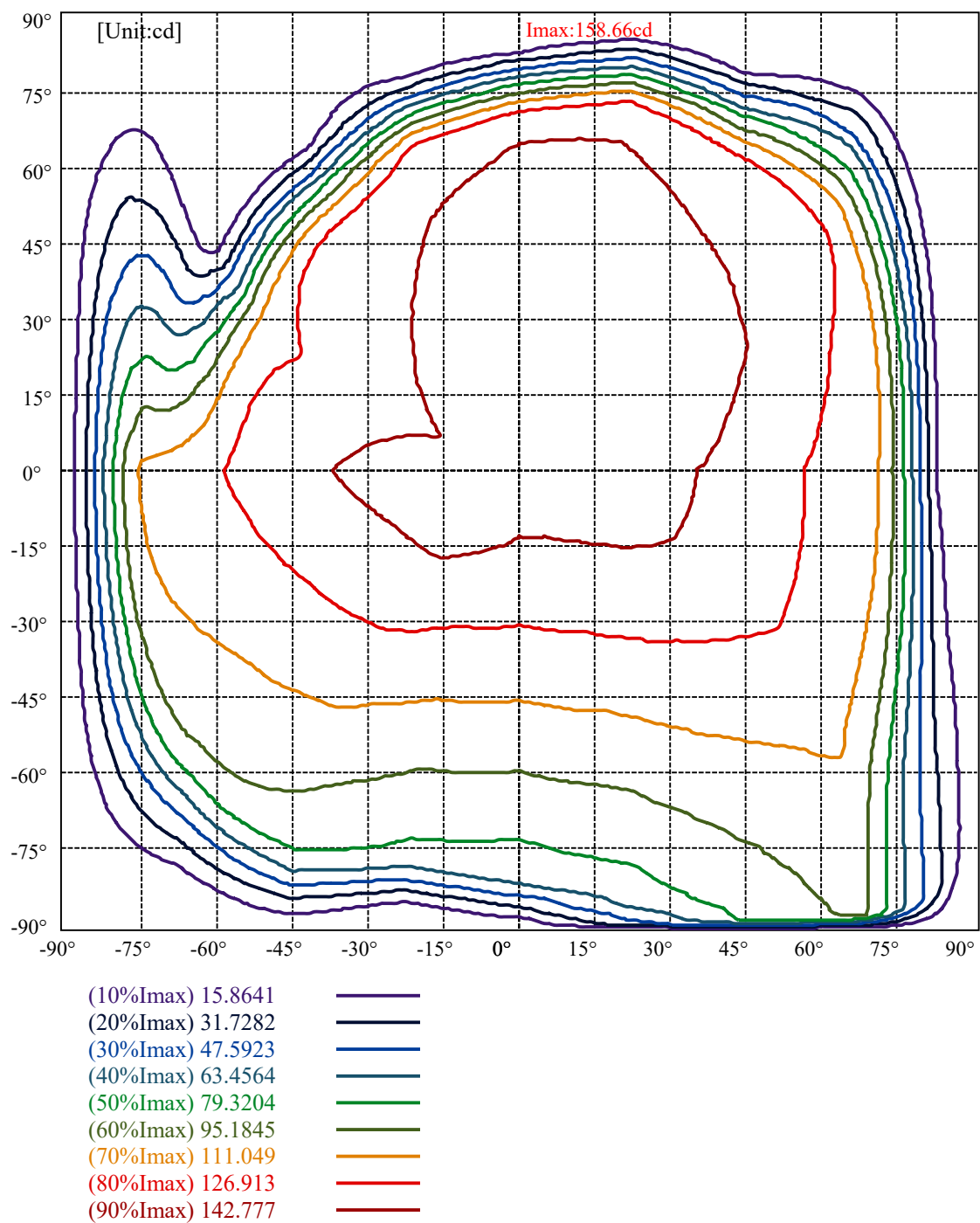
0-10	14.48
10-20	42.38
20-30	67.23
30-40	87.70
40-50	102.99
50-60	112.07
60-70	107.34
70-80	80.87
80-90	30.74
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

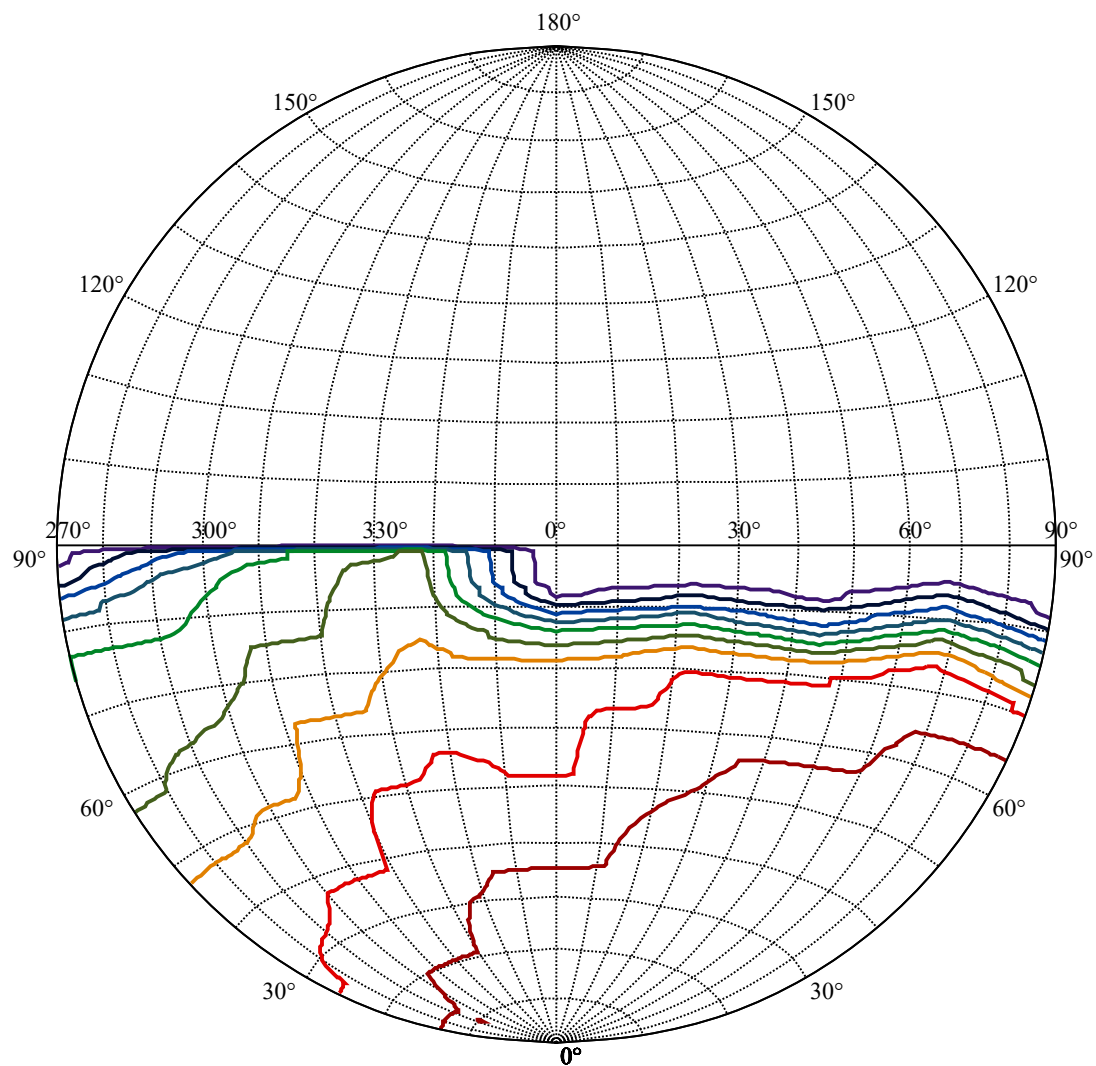




Max , Ave

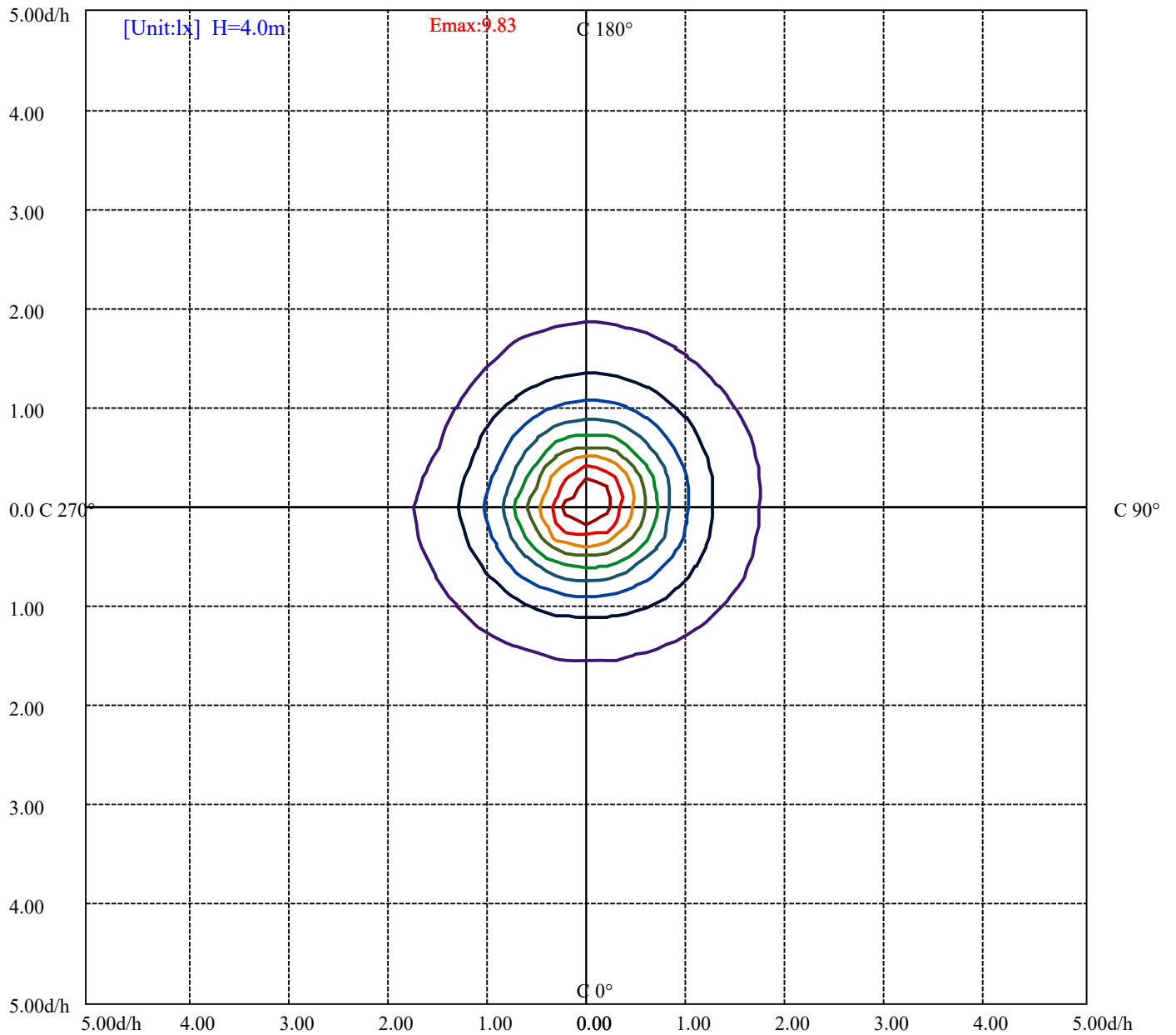
Beam angle of C67.5 plane 153.84



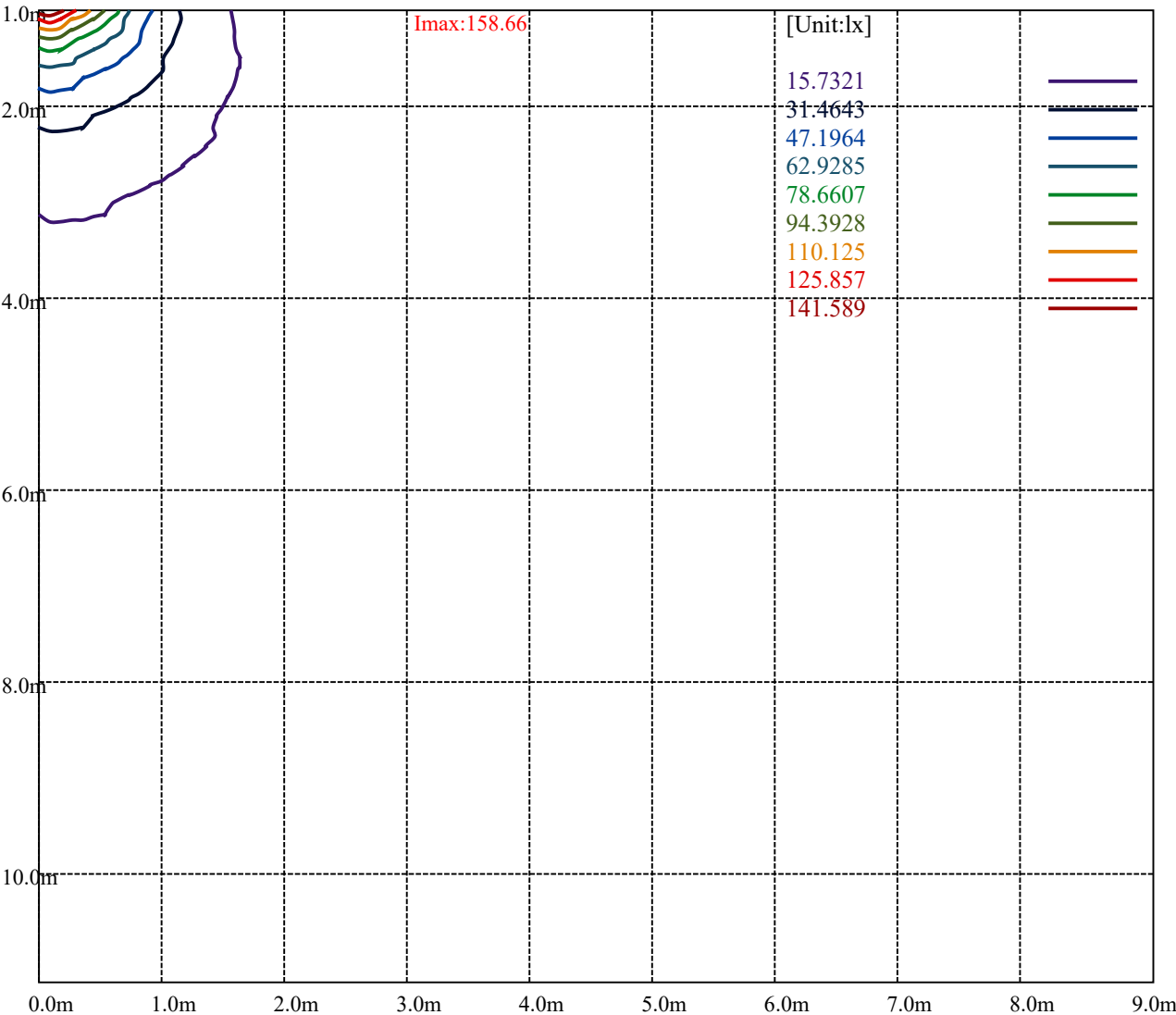


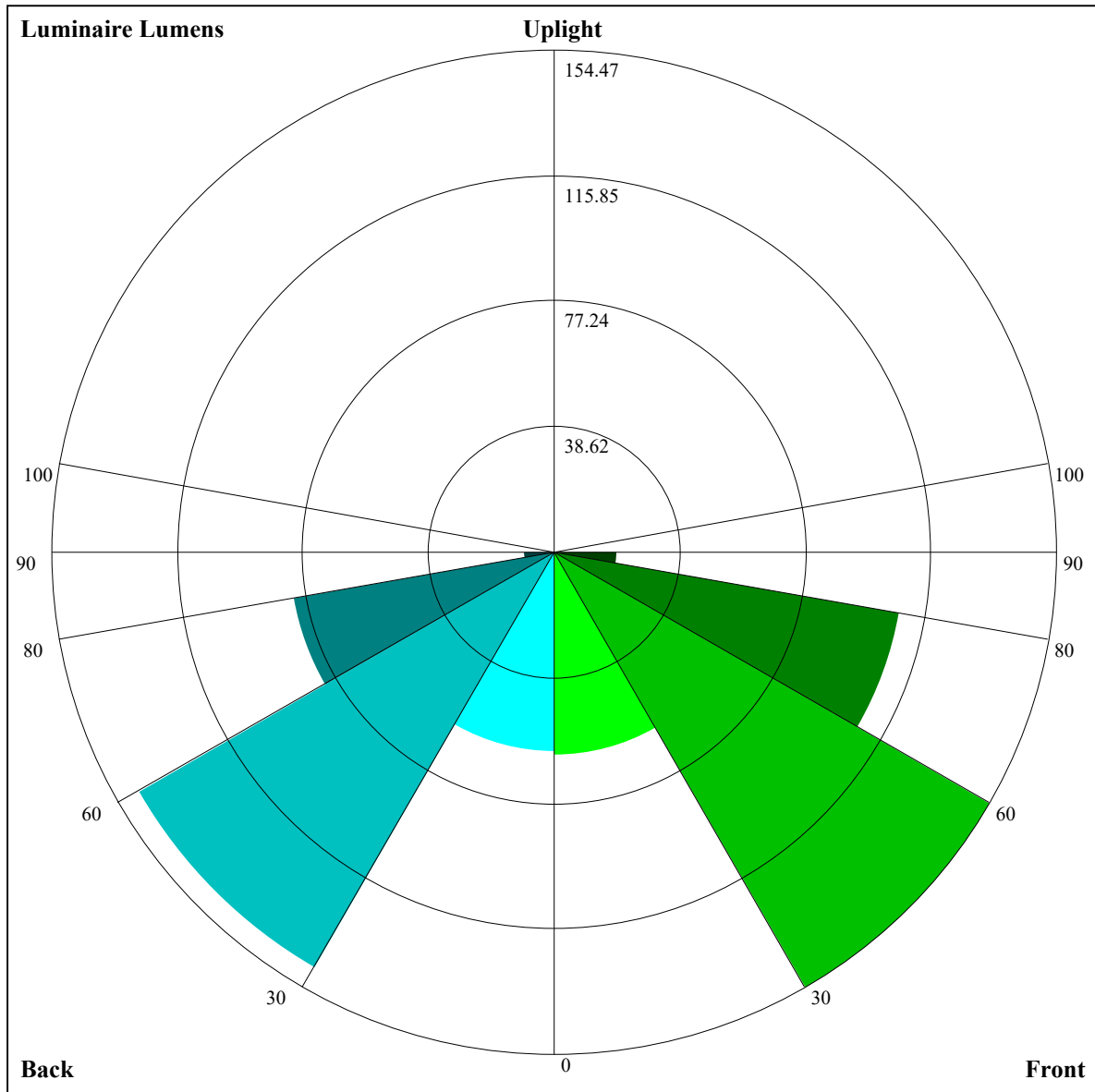
Imax:158.66
(10%Imax) 15.9687
(20%Imax) 31.9375
(30%Imax) 47.9062
(40%Imax) 63.8749
(50%Imax) 79.8437
(60%Imax) 95.8124
(70%Imax) 111.781
(80%Imax) 127.75
(90%Imax) 143.719





(10%Emax) 0.9832562	—
(20%Emax) 1.966512	—
(30%Emax) 2.949769	—
(40%Emax) 3.933025	—
(50%Emax) 4.916281	—
(60%Emax) 5.899544	—
(70%Emax) 6.882813	—
(80%Emax) 7.866063	—
(90%Emax) 8.849313	—





Luminaire Lumens:

FL=62.64,FM=154.47,FH=107.7,FVH=19.55

BL=61.27,BM=147.6,BH=81.69,BVH=9.73

UL=0,UH=0

BUG Rating:B0-U0-G1

TroyCSL Lighting B8816-TBK

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	152.26	155.81	155.92	155.81	155.58	155.47	155.12	155.24	154.90		
22.5	152.26	156.27	156.84	156.84	156.95	157.06	157.18	157.41	157.29		
45.0	152.26	157.06	157.29	157.52	157.86	157.98	157.98	158.20	158.43		
67.5	152.26	155.01	155.58	155.92	156.27	156.49	156.95	157.29	157.63		
90.0	152.26	151.70	151.70	152.50	152.73	153.19	153.53	153.87	153.87		
112.5	152.26	148.28	148.74	148.74	149.08	149.42	149.65	149.65	150.11		
135.0	152.26	147.82	147.82	147.82	147.94	147.82	147.82	147.71	147.71		
157.5	152.26	147.14	147.03	146.91	146.57	146.46	146.11	146.00	145.66		
180.0	152.26	155.92	155.81	155.92	155.81	155.70	155.47	155.47	155.12		
202.5	152.26	156.27	156.04	155.81	155.35	155.01	154.55	154.44	153.76		
225.0	152.26	156.38	156.15	155.70	155.58	154.90	154.44	153.87	153.64		
247.5	152.26	153.98	153.76	152.84	152.16	151.70	150.90	150.22	149.65		
270.0	152.26	151.13	150.56	149.54	149.31	148.40	147.48	147.37	146.34		
292.5	152.26	147.82	147.60	147.14	146.57	145.77	145.32	145.09	144.52		
315.0	152.26	147.71	147.82	147.48	147.25	147.14	147.03	146.91	146.57		
337.5	152.26	147.71	147.71	147.94	148.05	148.28	148.40	148.40	148.40		
360.0	152.26	155.81	155.92	155.81	155.58	155.47	155.12	155.24	154.90		
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0		
0.0	154.67	154.44	154.21	153.64	153.53	153.19	152.96	152.50	151.93		
22.5	157.29	157.29	157.06	157.06	157.29	157.41	157.06	156.49	156.38		
45.0	158.43	158.43	158.43	158.32	158.32	158.20	158.20	158.20	157.98		
67.5	157.86	157.98	158.20	158.32	158.43	158.55	158.66	158.66	158.55		
90.0	154.10	154.44	154.55	154.67	154.90	155.24	155.01	155.12	155.24		
112.5	150.45	150.45	150.90	150.68	150.68	150.56	150.68	150.79	150.90		
135.0	147.60	147.48	147.48	147.37	147.25	147.03	146.80	146.68	146.23		
157.5	145.32	144.97	144.52	144.17	144.06	143.60	143.38	142.81	142.58		
180.0	155.01	154.67	154.55	154.21	153.87	153.76	153.30	152.84	152.73		
202.5	153.41	153.07	152.62	151.82	151.47	150.79	150.33	149.88	149.54		
225.0	153.30	152.73	151.93	151.59	150.33	149.65	148.97	148.40	147.82		
247.5	148.74	148.28	147.48	146.80	145.89	144.86	144.40	143.03	142.69		
270.0	146.00	144.97	144.17	143.72	142.69	142.01	141.21	140.18	139.73		
292.5	143.83	143.38	144.75	144.40	143.49	142.69	142.24	141.67	140.98		
315.0	146.34	146.11	146.00	145.89	145.20	144.97	144.63	144.29	143.83		
337.5	148.85	148.97	148.97	148.97	148.40	148.40	148.28	148.28	148.51		
360.0	154.67	154.44	154.21	153.64	153.53	153.19	152.96	152.50	151.93		
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0		
0.0	151.70	151.13	150.68	150.45	149.88	149.54	149.08	148.62	148.05		
22.5	156.15	156.04	155.70	155.47	155.24	155.01	154.67	154.21	153.98		
45.0	157.86	157.63	157.41	157.41	156.95	156.95	156.38	156.38	156.04		
67.5	158.66	158.43	158.43	158.43	158.43	158.32	158.09	157.98	157.75		
90.0	155.35	155.47	155.12	155.24	154.90	155.12	155.01	154.55	154.67		
112.5	151.02	150.90	150.45	150.33	150.33	150.11	150.11	149.88	149.76		
135.0	146.11	145.89	145.66	145.43	145.32	145.09	144.52	144.52	144.40		
157.5	142.12	141.78	141.44	140.87	140.41	140.07	139.61	139.27	138.47		
180.0	152.16	151.82	151.36	151.36	151.13	150.56	149.54	149.19	148.74		
202.5	148.97	148.51	147.82	146.57	145.77	145.43	144.52	143.60	143.26		
225.0	147.03	146.00	145.43	144.52	144.06	143.03	141.89	141.21	140.52		
247.5	141.44	140.52	139.50	138.70	137.56	136.99	135.73	134.71	133.68		
270.0	138.81	137.67	136.87	135.62	134.71	133.80	132.88	132.43	131.06		
292.5	140.30	139.27	138.93	138.24	137.56	136.42	135.39	134.82	133.57		
315.0	143.49	143.03	142.92	142.12	141.55	140.98	140.30	140.07	139.50		
337.5	148.17	148.17	148.05	147.25	147.25	146.91	146.57	146.34	145.89		
360.0	151.70	151.13	150.68	150.45	149.88	149.54	149.08	148.62	148.05		

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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	147.37	146.80	146.34	145.54	145.20	144.63	144.06	143.38	142.69		
22.5	153.87	153.41	153.30	153.07	152.39	151.93	151.13	150.68	150.56		
45.0	155.81	155.47	155.24	154.90	154.44	154.10	153.76	153.41	152.84		
67.5	157.52	157.29	157.75	157.52	156.95	156.84	156.15	155.81	155.58		
90.0	154.44	153.98	154.21	153.98	153.64	153.41	153.30	153.07	152.73		
112.5	149.54	149.19	149.42	149.31	149.08	148.97	148.62	148.17	147.94		
135.0	143.83	143.72	143.03	142.69	142.24	141.89	141.55	141.32	140.87		
157.5	137.79	137.56	137.45	136.87	136.30	135.62	135.05	134.37	133.80		
180.0	148.05	147.60	147.03	146.68	145.89	145.43	144.86	144.29	143.83		
202.5	142.46	141.55	140.98	139.84	139.50	138.70	138.24	137.33	136.19		
225.0	139.27	138.36	137.90	137.33	136.30	135.05	134.02	133.00	132.31		
247.5	132.43	131.74	130.37	129.23	128.55	127.52	126.38	125.24	123.87		
270.0	130.03	129.12	128.09	127.41	126.15	124.78	124.21	122.96	121.70		
292.5	132.65	131.97	131.17	130.37	129.23	128.21	127.64	126.38	125.58		
315.0	138.59	138.13	137.33	136.65	135.96	135.28	135.05	134.02	133.34		
337.5	145.54	145.09	144.63	144.52	143.49	143.03	142.69	142.35	141.78		
360.0	147.37	146.80	146.34	145.54	145.20	144.63	144.06	143.38	142.69		
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0		
0.0	142.35	141.78	140.87	140.64	139.61	138.59	137.90	137.10	136.65		
22.5	149.99	149.42	149.08	148.28	148.05	147.60	146.91	146.57	145.89		
45.0	152.73	152.84	152.39	152.05	151.36	150.56	149.88	149.54	149.31		
67.5	155.35	155.01	154.90	154.33	153.87	153.53	153.30	153.07	152.62		
90.0	152.73	152.27	152.16	151.93	151.47	151.25	151.02	150.45	150.22		
112.5	147.48	147.14	147.14	146.80	146.46	146.11	145.77	145.54	145.09		
135.0	140.41	139.95	139.73	139.27	138.47	138.24	137.90	137.56	137.10		
157.5	133.11	132.77	132.20	131.86	130.83	130.49	129.69	129.00	128.43		
180.0	143.26	142.46	141.89	141.10	140.52	139.84	139.04	138.70	137.79		
202.5	135.62	134.71	133.45	132.88	131.86	131.29	130.60	129.46	128.66		
225.0	131.17	130.26	129.35	128.32	127.18	125.92	124.90	124.33	123.19		
247.5	123.19	122.16	120.91	119.88	118.51	117.37	116.23	114.97	114.29		
270.0	120.68	119.65	118.97	117.60	116.46	115.32	114.06	113.61	112.47		
292.5	124.67	123.42	122.39	121.25	120.22	119.65	118.62	117.71	116.57		
315.0	132.77	131.51	130.83	129.92	129.23	128.89	127.86	127.07	126.04		
337.5	141.21	140.41	139.95	139.50	138.59	138.24	137.56	136.99	136.19		
360.0	142.35	141.78	140.87	140.64	139.61	138.59	137.90	137.10	136.65		
C/γ(°)	45.0	46.0	47.0	48.0	49.0	50.0	51.0	52.0	53.0		
0.0	135.85	135.05	134.25	133.34	132.77	132.08	131.40	130.37	129.46		
22.5	145.32	144.63	144.06	143.72	143.15	142.58	142.01	141.32	140.87		
45.0	149.19	148.85	148.28	147.48	147.03	146.23	145.66	145.20	145.09		
67.5	152.27	151.93	151.47	151.25	150.68	149.99	149.76	149.31	149.42		
90.0	149.99	149.88	149.31	149.31	148.85	148.51	148.05	147.71	147.71		
112.5	144.97	144.63	144.17	144.06	143.60	143.15	143.03	142.46	142.12		
135.0	136.42	136.19	135.73	135.39	134.82	134.37	133.80	133.68	132.88		
157.5	128.09	127.75	126.95	126.38	125.92	125.35	125.01	123.87	123.19		
180.0	137.10	136.42	135.62	135.28	134.25	133.11	132.65	131.86	130.94		
202.5	127.75	126.84	125.92	124.78	124.21	122.85	121.59	121.25	120.11		
225.0	122.27	121.02	119.99	119.31	118.05	116.69	116.00	114.52	113.83		
247.5	113.72	112.35	111.21	109.84	108.82	107.56	106.42	105.05	103.68		
270.0	111.21	109.84	108.47	107.45	106.76	105.17	104.48	103.23	101.86		
292.5	115.32	114.63	113.95	112.69	111.32	110.30	109.16	108.25	106.76		
315.0	125.13	124.67	123.76	122.85	121.93	121.02	120.68	119.08	118.17		
337.5	135.51	135.28	134.48	133.80	132.88	132.20	131.51	130.94	130.26		
360.0	135.85	135.05	134.25	133.34	132.77	132.08	131.40	130.37	129.46		

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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	128.55	127.75	126.72	126.04	125.24	124.44	123.53	122.50	122.05		
22.5	139.73	138.59	138.24	137.79	136.99	136.08	135.39	135.05	133.68		
45.0	144.63	143.72	142.92	142.12	141.55	141.10	140.41	139.73	139.38		
67.5	148.74	148.51	148.28	147.71	146.68	146.23	145.77	145.54	144.63		
90.0	147.25	146.91	146.68	145.89	145.20	144.52	144.40	143.83	143.72		
112.5	141.78	141.10	140.87	140.52	140.30	139.95	139.50	139.27	138.70		
135.0	132.65	132.08	130.94	127.75	121.59	117.83	110.75	102.54	93.53		
157.5	122.50	119.54	115.09	109.50	102.20	97.75	87.71	78.13	68.55		
180.0	130.03	129.23	128.78	127.86	126.95	126.15	125.35	124.90	123.87		
202.5	119.08	118.05	116.91	116.23	115.32	114.52	113.61	112.24	111.55		
225.0	113.04	111.90	111.32	109.50	108.47	107.33	106.19	105.39	103.91		
247.5	103.00	101.86	100.03	99.35	97.87	96.61	95.70	94.44	93.65		
270.0	100.72	99.69	98.89	97.41	95.70	95.13	94.10	93.19	91.25		
292.5	106.19	105.05	104.02	102.88	101.74	101.06	99.92	98.78	97.64		
315.0	117.60	116.46	115.55	114.63	113.61	113.15	112.24	111.21	110.07		
337.5	129.57	128.66	128.21	127.18	126.15	125.58	124.67	123.99	122.96		
360.0	128.55	127.75	126.72	126.04	125.24	124.44	123.53	122.50	122.05		
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0		
0.0	121.02	119.54	119.20	118.17	117.26	116.23	114.40	112.81	108.93		
22.5	132.77	132.20	131.29	131.06	130.03	129.57	128.89	127.29	124.90		
45.0	138.59	138.13	137.56	136.76	136.08	134.37	129.57	126.04	118.97		
67.5	144.29	143.83	143.26	142.81	142.35	141.89	141.67	140.87	139.61		
90.0	143.38	142.81	142.46	142.46	142.12	139.84	137.22	130.15	123.07		
112.5	138.02	136.53	131.63	125.70	118.51	110.53	100.03	90.34	80.30		
135.0	81.90	76.08	66.04	50.19	44.37	34.67	25.66	17.57	9.24		
157.5	56.80	52.81	41.29	28.40	23.27	13.80	7.41	2.85	1.25		
180.0	123.07	122.16	121.13	120.34	119.54	118.74	118.17	117.26	116.34		
202.5	110.53	109.61	108.47	107.45	106.88	105.39	104.25	103.68	102.66		
225.0	102.43	101.86	100.72	99.46	98.32	97.07	96.50	95.13	94.10		
247.5	92.39	91.02	90.00	88.17	87.49	85.89	84.41	83.95	82.47		
270.0	89.88	89.31	87.83	86.69	85.55	84.41	83.61	82.12	80.98		
292.5	96.27	95.70	93.99	93.07	92.28	91.25	89.88	88.40	87.26		
315.0	109.04	108.02	107.33	105.96	105.28	104.25	103.11	102.31	101.29		
337.5	122.16	121.48	120.56	119.77	118.74	117.83	116.91	116.00	114.86		
360.0	121.02	119.54	119.20	118.17	117.26	116.23	114.40	112.81	108.93		
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0		
0.0	103.68	97.07	88.28	83.38	74.48	64.79	52.70	42.66	32.96		
22.5	120.56	114.75	110.53	101.17	92.28	82.70	72.32	66.16	49.27		
45.0	110.98	101.63	89.54	83.38	72.66	55.21	50.64	38.10	32.17		
67.5	136.19	130.49	126.38	116.80	103.68	97.64	84.98	74.25	63.19		
90.0	114.75	105.62	93.99	87.94	77.56	66.95	56.35	43.91	38.32		
112.5	74.14	61.94	51.90	42.09	32.51	27.15	17.22	10.15	4.56		
135.0	5.82	1.82	1.25	1.14	1.14	1.14	1.14	1.14	1.25		
157.5	1.25	1.14	1.14	1.14	1.14	1.14	1.25	1.25	1.25		
180.0	115.43	114.52	113.72	109.16	104.14	100.83	92.85	84.98	76.31		
202.5	101.40	99.58	95.70	93.19	86.00	82.24	75.74	66.61	58.06		
225.0	92.85	91.59	90.91	89.65	87.37	85.89	82.35	78.25	73.34		
247.5	81.21	80.07	78.36	77.22	74.94	71.75	67.52	60.68	56.57		
270.0	79.73	78.59	77.56	76.88	75.05	74.48	72.43	70.60	67.87		
292.5	86.57	85.43	84.29	83.27	81.78	81.10	79.62	78.25	77.45		
315.0	100.72	99.58	98.09	97.64	96.50	95.81	94.33	93.07	92.62		
337.5	114.40	113.83	112.81	111.90	110.75	110.18	109.27	107.67	107.10		
360.0	103.68	97.07	88.28	83.38	74.48	64.79	52.70	42.66	32.96		

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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	23.84	13.92	9.70	4.11	1.25	1.25	1.25	1.14	1.14		
22.5	39.01	33.08	22.01	13.80	6.96	2.40	1.37	1.25	1.14		
45.0	19.16	9.70	6.05	1.82	1.14	1.14	1.14	1.14	1.25		
67.5	52.35	45.85	33.53	24.07	15.51	8.21	4.79	1.37	1.25		
90.0	24.98	15.06	10.72	4.79	1.48	1.14	1.14	1.14	1.14		
112.5	1.37	1.25	1.14	1.14	1.14	1.14	1.14	1.14	1.14		
135.0	1.14	1.14	1.14	1.14	1.14	1.25	1.25	1.25	1.25		
157.5	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25		
180.0	66.95	61.14	49.62	40.15	30.91	22.01	17.11	8.78	2.28		
202.5	49.05	37.87	32.51	23.95	16.20	9.35	3.19	1.60	1.25		
225.0	67.41	63.19	54.18	45.97	37.30	28.86	23.84	14.71	6.16		
247.5	49.05	35.82	30.91	22.81	15.51	9.01	3.19	1.48	1.25		
270.0	63.30	59.77	51.67	40.95	36.16	28.17	23.50	12.20	6.50		
292.5	76.54	75.28	73.91	71.63	69.92	65.59	54.98	51.90	42.43		
315.0	91.48	90.45	89.31	88.40	87.71	86.57	85.55	84.41	82.47		
337.5	106.19	105.62	104.25	103.23	102.66	101.74	100.60	99.69	98.44		
360.0	23.84	13.92	9.70	4.11	1.25	1.25	1.25	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 B8816-TBK

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 B8816-TBK

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 B8816-TBK

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									