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Address:No.115,1st Floor,A5 Building,Tianrui Industrial Park,Fuyuan 1st Road,Fuyong,Bao'an District,Shenzhen,China.

Client:

LumCAT: B3912

Luminaire:

Report No:

Ballast type:

Test No: BST24081902-9

Voltage(V): 230.000

LampCAT:

Current(A): 0.089

Lamp flux(lm): 1550.0

Power (W): 11.730

Number of Lamps: 1

PF: 0.568

Length(mm): 240

Width(mm): 240

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 295.59, Efficiency(%): 19.07% , Luminous Efficacy(lm/W): 25.20

Central intensity(cd): 86.85, Maximum intensity(cd): 149.94

Angle of maximum intensity: C=45.0 γ =40.0

Beam Angle(50%Imax): [C0/180]Total=102.4

[C90/270]Total=89.8

Field angle(10%Imax): [C0/180]Total=113.8

[C90/270]Total=100.9

IES Classification : TypeII

Longitudinal Classification : VeryShort

Cut Off Classification : FullCutoff

Max Cd(At 90°Vert) : 0

Max Cd(80 to 90°Vert) : 0

Street Side UpWard Lumens: 0.01%of Lamp 0.05%of Luminaire

Street Side DownWard Lumens: 9.46%of Lamp 49.59%of Luminaire

House Side UpWard Lumens: 0.01%of Lamp 0.04%of Luminaire

House Side DownWard Lumens: 9.60%of Lamp 50.32%of Luminaire

SLI: --- (C Flash Area: 0.014)

Throw: 35.4 (short), Spread: 42.2 (narrow), Control: --- (tight)

Equipment: GMS-1800
Temperature(°C): 25.0

Date: 2024-08-19
Humidity(%): 59.0%

Operator: Liao
Distance(m): 10.87

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	86.845	0.000	0.000	0.000%	0.000%
1.0	87.008	0.083	0.083	0.005%	0.028%
2.0	87.311	0.250	0.333	0.016%	0.113%
3.0	87.946	0.419	0.753	0.027%	0.255%
4.0	88.788	0.592	1.344	0.038%	0.455%
5.0	89.858	0.769	2.113	0.050%	0.715%
6.0	91.291	0.952	3.065	0.061%	1.037%
7.0	92.133	1.139	4.203	0.073%	1.422%
8.0	93.839	1.331	5.534	0.086%	1.872%
9.0	95.515	1.535	7.069	0.099%	2.391%
10.0	97.125	1.743	8.812	0.112%	2.981%
11.0	99.067	1.960	10.772	0.126%	3.644%
12.0	100.227	2.179	12.951	0.141%	4.381%
13.0	102.331	2.404	15.355	0.155%	5.195%
14.0	104.480	2.647	18.002	0.171%	6.090%
15.0	105.640	2.885	20.887	0.186%	7.066%
16.0	107.604	3.125	24.011	0.202%	8.123%
17.0	109.266	3.377	27.388	0.218%	9.266%
18.0	110.875	3.630	31.018	0.234%	10.494%
19.0	112.677	3.889	34.907	0.251%	11.810%
20.0	113.615	4.142	39.049	0.267%	13.211%
21.0	115.306	4.396	43.445	0.284%	14.698%
22.0	117.027	4.669	48.114	0.301%	16.277%
23.0	118.563	4.943	53.057	0.319%	17.950%
24.0	120.394	5.224	58.282	0.337%	19.717%
25.0	121.517	5.501	63.782	0.355%	21.578%
26.0	123.142	5.775	69.557	0.373%	23.532%
27.0	124.958	6.070	75.627	0.392%	25.585%
28.0	126.206	6.359	81.986	0.410%	27.737%
29.0	128.082	6.653	88.639	0.429%	29.987%
30.0	129.744	6.961	95.600	0.449%	32.342%
31.0	131.486	7.270	102.870	0.469%	34.802%
32.0	133.340	7.587	110.457	0.489%	37.369%
33.0	134.330	7.886	118.343	0.509%	40.036%
34.0	136.013	8.181	126.524	0.528%	42.804%
35.0	137.594	8.497	135.021	0.548%	45.679%
36.0	138.857	8.802	143.823	0.568%	48.657%
37.0	140.252	9.103	152.926	0.587%	51.736%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	141.197	9.394	162.321	0.606%	54.915%
39.0	141.397	9.646	171.966	0.622%	58.178%
40.0	140.311	9.825	181.791	0.634%	61.502%
41.0	138.687	9.935	191.726	0.641%	64.863%
42.0	134.957	9.942	201.668	0.641%	68.226%
43.0	129.515	9.797	211.465	0.632%	71.541%
44.0	122.728	9.520	220.986	0.614%	74.761%
45.0	114.679	9.124	230.109	0.589%	77.848%
46.0	110.181	8.794	238.903	0.567%	80.823%
47.0	101.903	8.435	247.338	0.544%	83.677%
48.0	93.085	7.882	255.221	0.509%	86.343%
49.0	83.803	7.264	262.485	0.469%	88.801%
50.0	71.692	6.483	268.968	0.418%	90.994%
51.0	58.813	5.521	274.489	0.356%	92.862%
52.0	46.074	4.501	278.990	0.290%	94.385%
53.0	35.366	3.543	282.533	0.229%	95.583%
54.0	29.931	2.878	285.411	0.186%	96.557%
55.0	21.556	2.298	287.709	0.148%	97.334%
56.0	16.283	1.710	289.419	0.110%	97.913%
57.0	11.417	1.267	290.685	0.082%	98.341%
58.0	8.433	0.918	291.603	0.059%	98.652%
59.0	7.274	0.734	292.338	0.047%	98.900%
60.0	5.834	0.619	292.957	0.040%	99.110%
61.0	4.852	0.510	293.467	0.033%	99.282%
62.0	4.032	0.428	293.895	0.028%	99.427%
63.0	3.028	0.343	294.238	0.022%	99.543%
64.0	2.570	0.275	294.513	0.018%	99.636%
65.0	1.876	0.220	294.733	0.014%	99.711%
66.0	1.329	0.160	294.893	0.010%	99.765%
67.0	1.078	0.121	295.014	0.008%	99.806%
68.0	0.746	0.092	295.106	0.006%	99.837%
69.0	0.546	0.066	295.172	0.004%	99.859%
70.0	0.421	0.050	295.222	0.003%	99.876%
71.0	0.288	0.037	295.259	0.002%	99.889%
72.0	0.244	0.028	295.286	0.002%	99.898%
73.0	0.148	0.020	295.307	0.001%	99.905%
74.0	0.096	0.013	295.320	0.001%	99.909%
75.0	0.052	0.008	295.327	0.001%	99.912%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	0.030	0.004	295.332	0.000%	99.913%
77.0	0.022	0.003	295.334	0.000%	99.914%
78.0	0.000	0.001	295.336	0.000%	99.915%
79.0	0.000	0.000	295.336	0.000%	99.915%
80.0	0.000	0.000	295.336	0.000%	99.915%
81.0	0.000	0.000	295.336	0.000%	99.915%
82.0	0.000	0.000	295.336	0.000%	99.915%
83.0	0.000	0.000	295.336	0.000%	99.915%
84.0	0.000	0.000	295.336	0.000%	99.915%
85.0	0.000	0.000	295.336	0.000%	99.915%
86.0	0.000	0.000	295.336	0.000%	99.915%
87.0	0.000	0.000	295.336	0.000%	99.915%
88.0	0.000	0.000	295.336	0.000%	99.915%
89.0	0.000	0.000	295.336	0.000%	99.915%
90.0	0.000	0.000	295.336	0.000%	99.915%
91.0	0.000	0.000	295.336	0.000%	99.915%
92.0	0.000	0.000	295.336	0.000%	99.915%
93.0	0.000	0.000	295.336	0.000%	99.915%
94.0	0.000	0.000	295.336	0.000%	99.915%
95.0	0.000	0.000	295.336	0.000%	99.915%
96.0	0.000	0.000	295.336	0.000%	99.915%
97.0	0.000	0.000	295.336	0.000%	99.915%
98.0	0.000	0.000	295.336	0.000%	99.915%
99.0	0.000	0.000	295.336	0.000%	99.915%
100.0	0.000	0.000	295.336	0.000%	99.915%
101.0	0.000	0.000	295.336	0.000%	99.915%
102.0	0.000	0.000	295.336	0.000%	99.915%
103.0	0.000	0.000	295.336	0.000%	99.915%
104.0	0.000	0.000	295.336	0.000%	99.915%
105.0	0.000	0.000	295.336	0.000%	99.915%
106.0	0.000	0.000	295.336	0.000%	99.915%
107.0	0.000	0.000	295.336	0.000%	99.915%
108.0	0.000	0.000	295.336	0.000%	99.915%
109.0	0.000	0.000	295.336	0.000%	99.915%
110.0	0.000	0.000	295.336	0.000%	99.915%
111.0	0.000	0.000	295.336	0.000%	99.915%
112.0	0.000	0.000	295.336	0.000%	99.915%
113.0	0.000	0.000	295.336	0.000%	99.915%

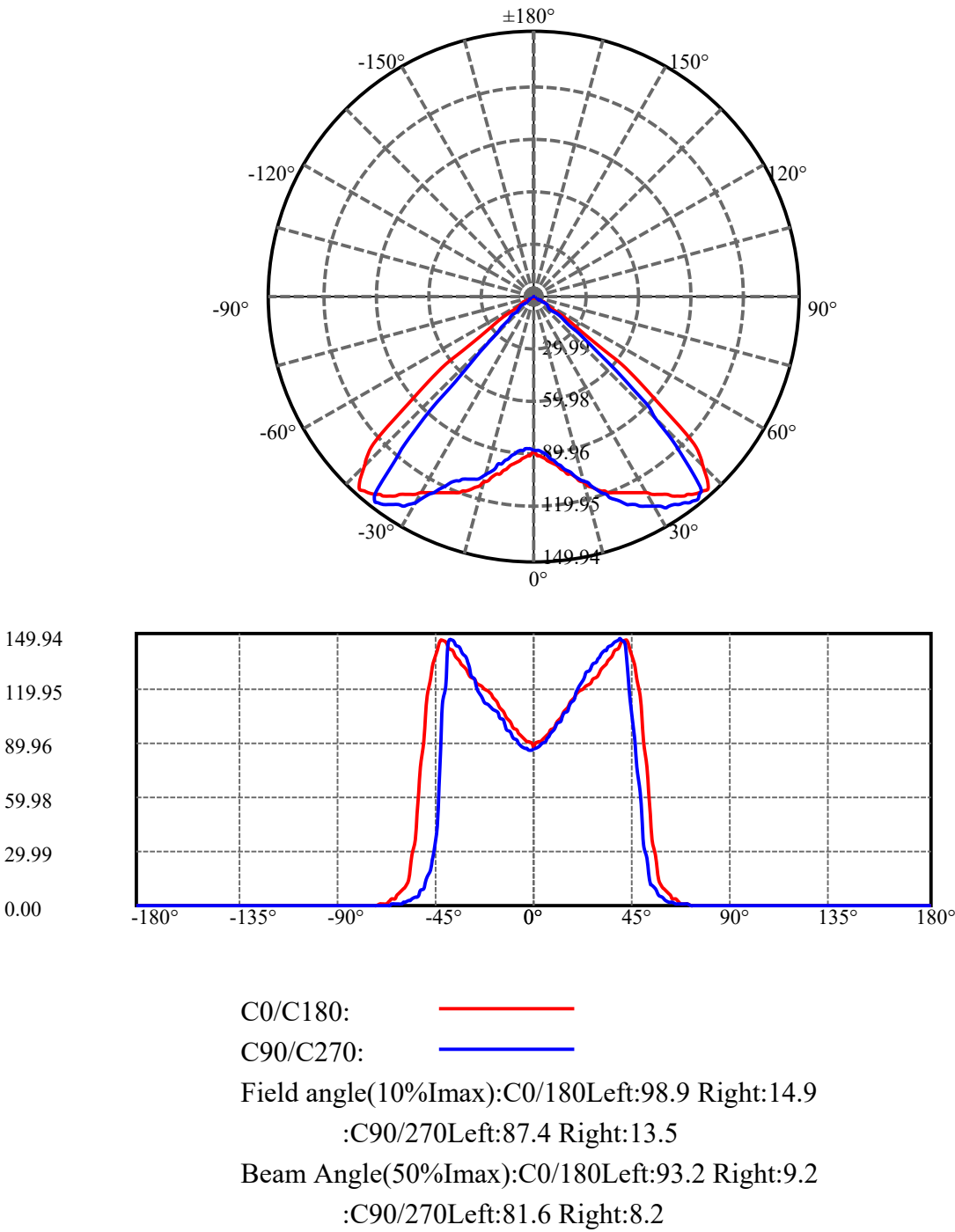
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
114.0	0.000	0.000	295.336	0.000%	99.915%
115.0	0.000	0.000	295.336	0.000%	99.915%
116.0	0.000	0.000	295.336	0.000%	99.915%
117.0	0.000	0.000	295.336	0.000%	99.915%
118.0	0.000	0.000	295.336	0.000%	99.915%
119.0	0.000	0.000	295.336	0.000%	99.915%
120.0	0.000	0.000	295.336	0.000%	99.915%
121.0	0.000	0.000	295.336	0.000%	99.915%
122.0	0.000	0.000	295.336	0.000%	99.915%
123.0	0.000	0.000	295.336	0.000%	99.915%
124.0	0.000	0.000	295.336	0.000%	99.915%
125.0	0.000	0.000	295.336	0.000%	99.915%
126.0	0.000	0.000	295.336	0.000%	99.915%
127.0	0.000	0.000	295.336	0.000%	99.915%
128.0	0.000	0.000	295.336	0.000%	99.915%
129.0	0.000	0.000	295.336	0.000%	99.915%
130.0	0.000	0.000	295.336	0.000%	99.915%
131.0	0.007	0.000	295.336	0.000%	99.915%
132.0	0.007	0.001	295.337	0.000%	99.915%
133.0	0.022	0.001	295.338	0.000%	99.915%
134.0	0.022	0.002	295.339	0.000%	99.916%
135.0	0.030	0.002	295.342	0.000%	99.917%
136.0	0.030	0.002	295.344	0.000%	99.917%
137.0	0.030	0.002	295.346	0.000%	99.918%
138.0	0.059	0.003	295.349	0.000%	99.919%
139.0	0.059	0.004	295.354	0.000%	99.921%
140.0	0.059	0.004	295.358	0.000%	99.922%
141.0	0.081	0.005	295.363	0.000%	99.924%
142.0	0.111	0.007	295.369	0.000%	99.926%
143.0	0.089	0.007	295.376	0.000%	99.928%
144.0	0.103	0.006	295.382	0.000%	99.930%
145.0	0.118	0.007	295.389	0.000%	99.933%
146.0	0.118	0.007	295.397	0.000%	99.935%
147.0	0.118	0.007	295.404	0.000%	99.938%
148.0	0.133	0.007	295.411	0.000%	99.940%
149.0	0.126	0.007	295.419	0.000%	99.943%
150.0	0.133	0.007	295.426	0.000%	99.945%
151.0	0.133	0.007	295.433	0.000%	99.948%

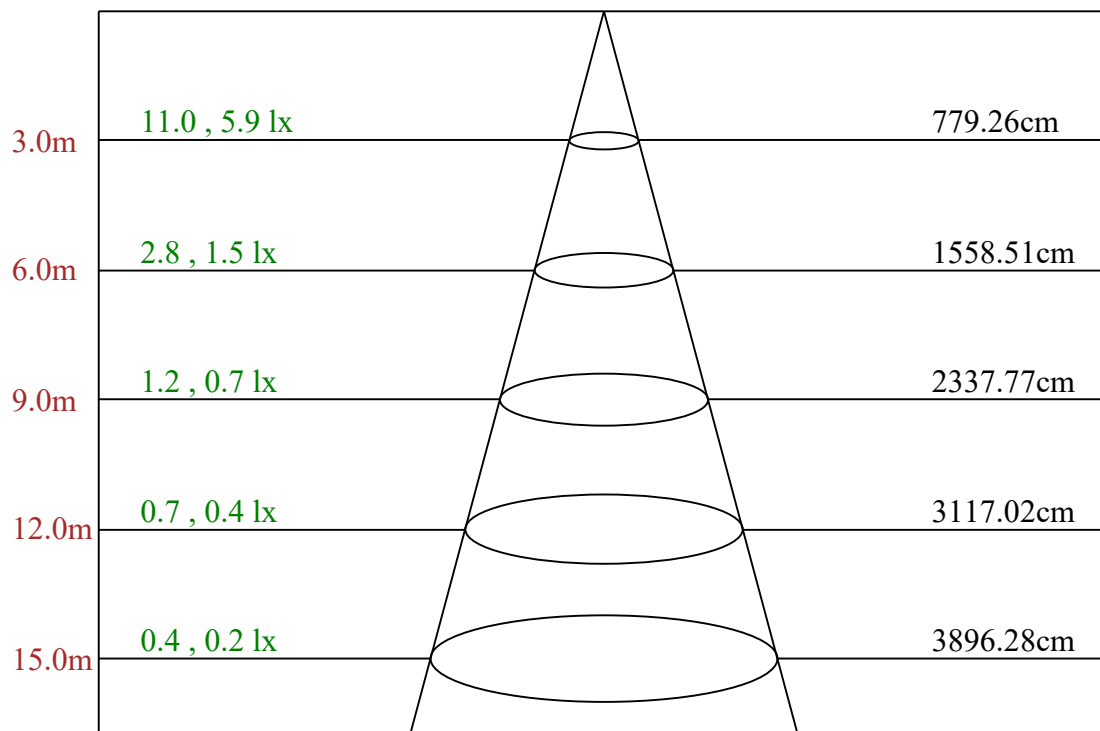
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
152.0	0.140	0.007	295.440	0.000%	99.950%
153.0	0.140	0.007	295.447	0.000%	99.952%
154.0	0.140	0.007	295.454	0.000%	99.955%
155.0	0.148	0.007	295.461	0.000%	99.957%
156.0	0.162	0.007	295.468	0.000%	99.959%
157.0	0.192	0.008	295.476	0.001%	99.962%
158.0	0.177	0.008	295.483	0.000%	99.965%
159.0	0.199	0.008	295.491	0.000%	99.967%
160.0	0.214	0.008	295.499	0.001%	99.970%
161.0	0.229	0.008	295.507	0.001%	99.973%
162.0	0.229	0.008	295.515	0.001%	99.975%
163.0	0.229	0.008	295.522	0.000%	99.978%
164.0	0.236	0.007	295.530	0.000%	99.980%
165.0	0.236	0.007	295.537	0.000%	99.983%
166.0	0.236	0.006	295.543	0.000%	99.985%
167.0	0.251	0.006	295.549	0.000%	99.987%
168.0	0.236	0.006	295.555	0.000%	99.989%
169.0	0.229	0.005	295.560	0.000%	99.991%
170.0	0.236	0.005	295.565	0.000%	99.992%
171.0	0.244	0.004	295.569	0.000%	99.994%
172.0	0.244	0.004	295.573	0.000%	99.995%
173.0	0.236	0.003	295.577	0.000%	99.996%
174.0	0.244	0.003	295.580	0.000%	99.997%
175.0	0.236	0.003	295.582	0.000%	99.998%
176.0	0.244	0.002	295.584	0.000%	99.999%
177.0	0.236	0.002	295.586	0.000%	99.999%
178.0	0.251	0.001	295.587	0.000%	100.000%
179.0	0.244	0.001	295.588	0.000%	100.000%
180.0	0.251	0.000	295.588	0.000%	100.000%

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Lamp	%Fixt
0-30	95.60	6.17%	32.34%
0-40	181.79	11.73%	61.50%
0-60	292.96	18.90%	99.11%
0-90	295.34	19.05%	99.91%
0-120	295.34	19.05%	99.91%
0-180	295.59	19.07%	100.00%
60-90	2.38	0.15%	0.80%
90-120	0.00	0.00%	0.00%
90-130	0.00	0.00%	0.00%
90-150	0.09	0.01%	0.03%
90-180	0.25	0.02%	0.09%
0-45.72	236.47	15.26%	80.00%

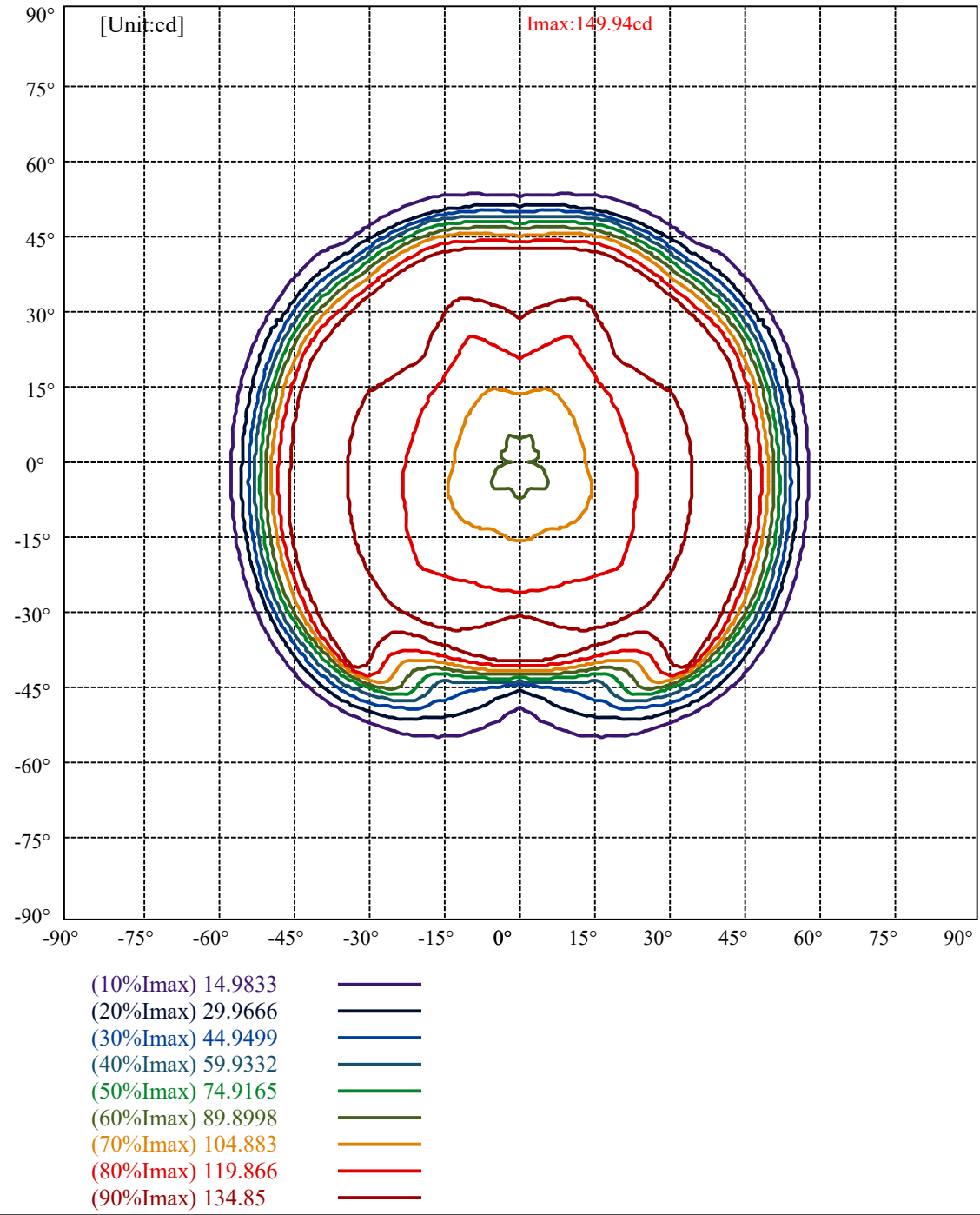
ZONAL LUMEN SUMMARY

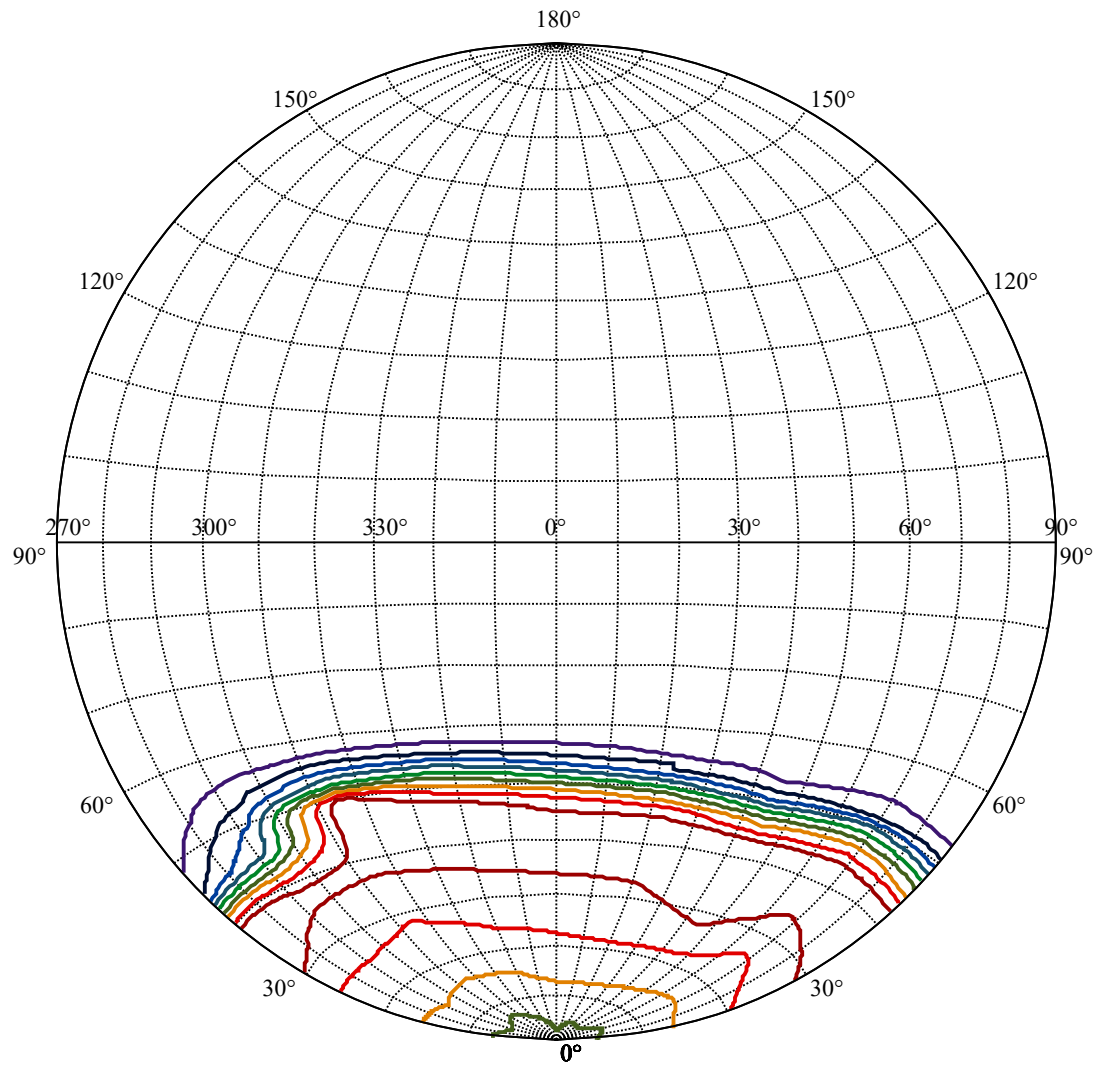
0-10	8.81
10-20	30.24
20-30	56.55
30-40	86.19
40-50	87.18
50-60	23.99
60-70	2.27
70-80	0.11
80-90	0.00
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.02
140-150	0.07
150-160	0.07
160-170	0.07
170-180	0.02



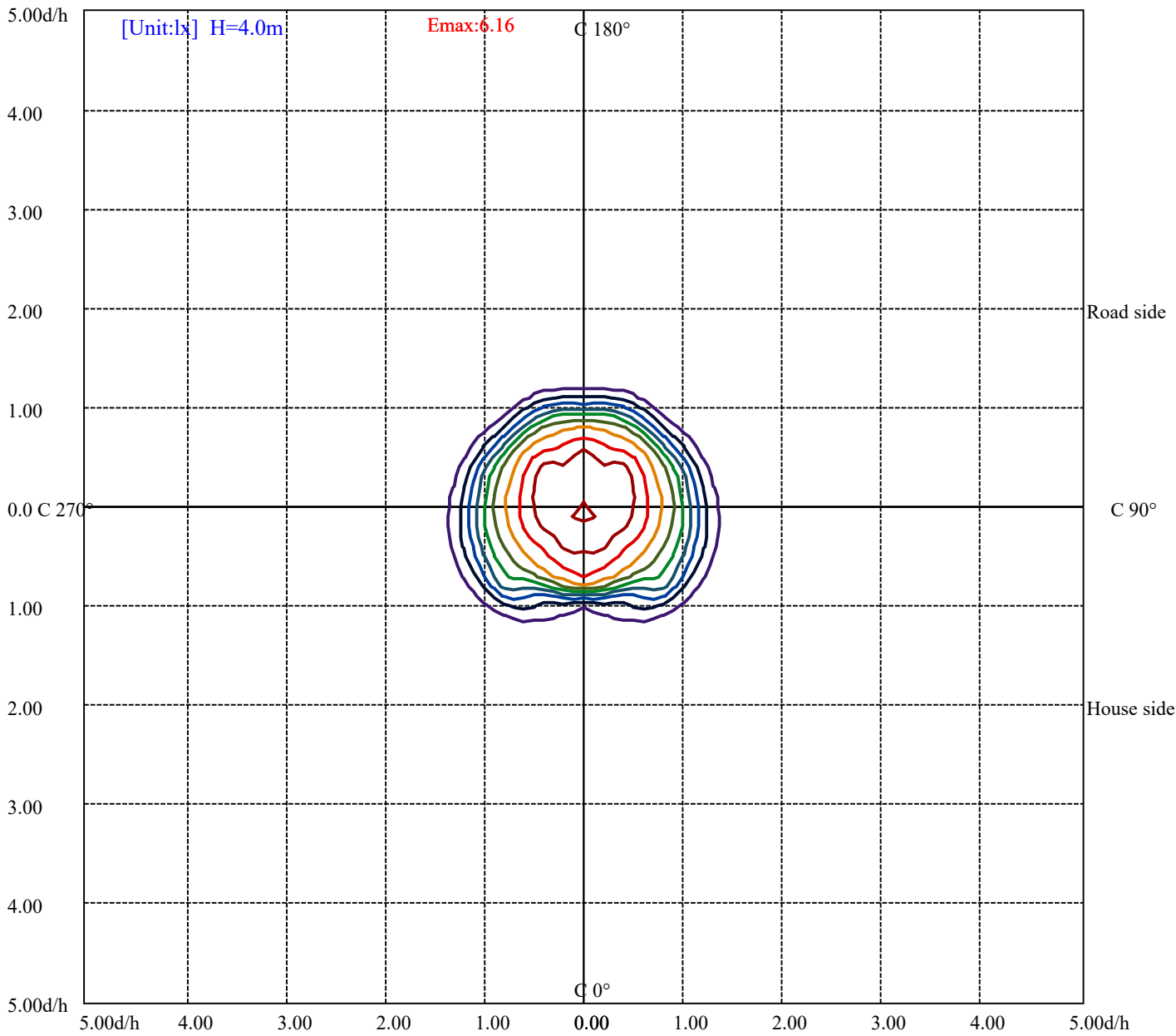


Max , Ave Beam angle of C45 plane 104.81

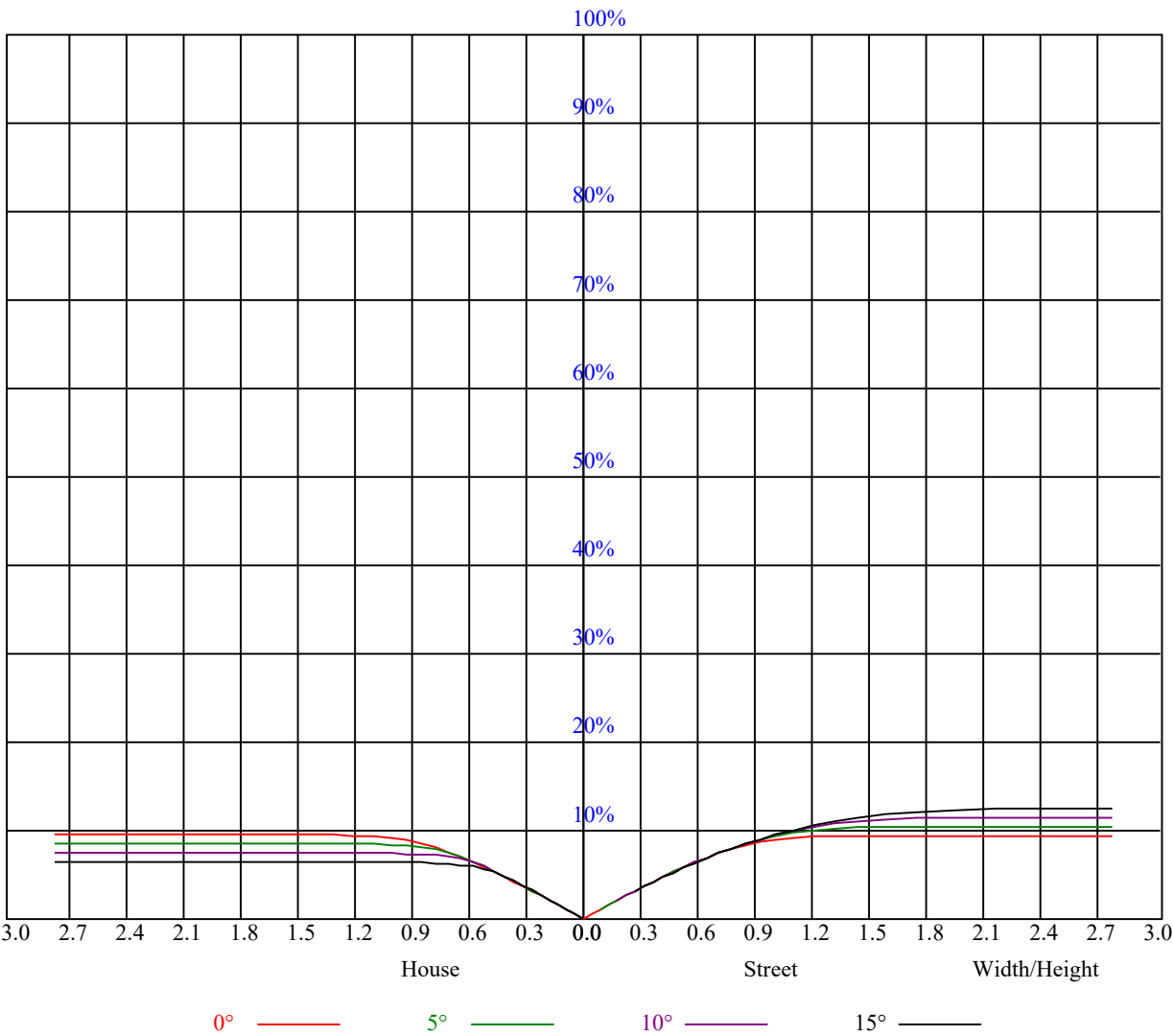


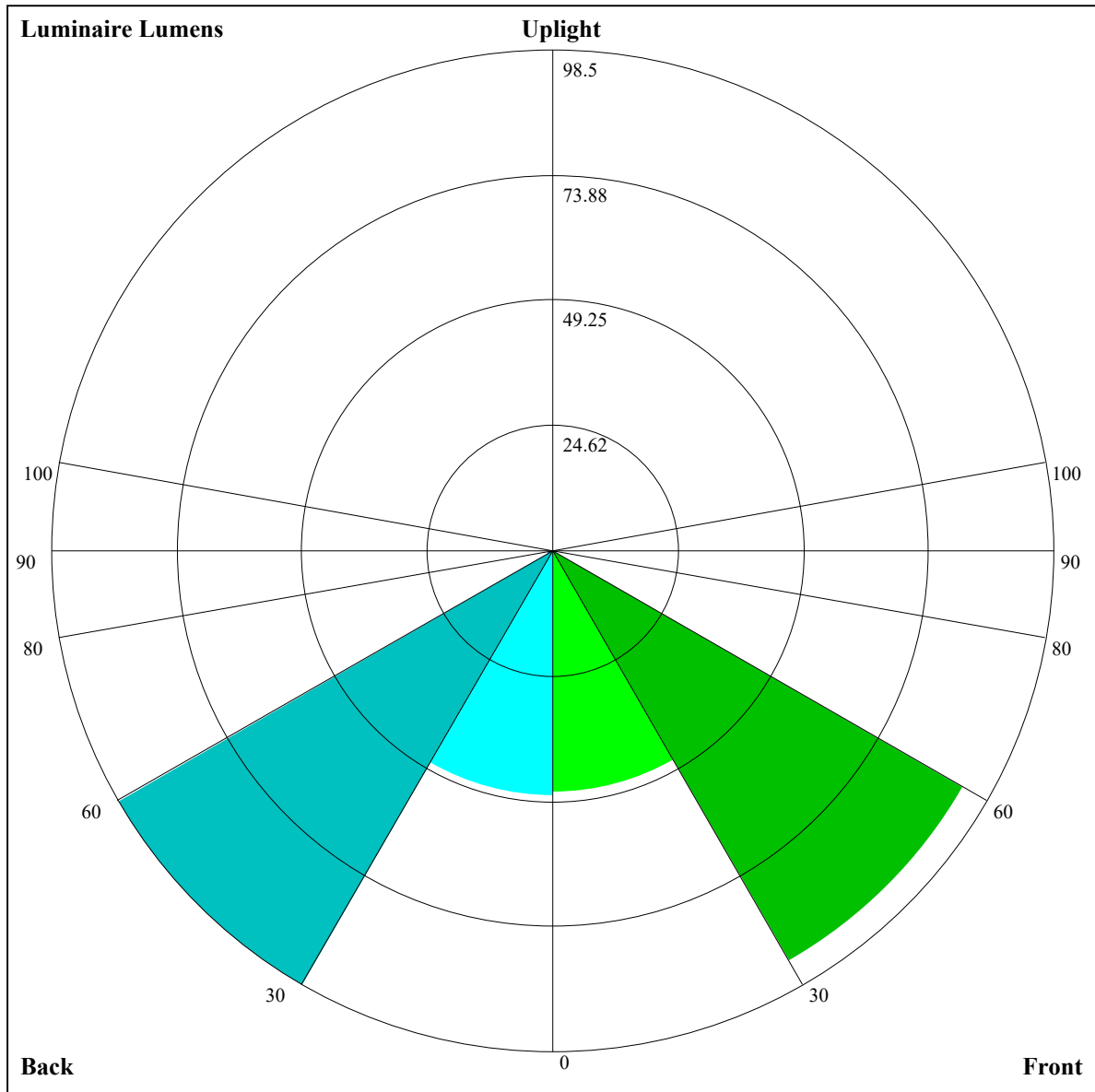


House	[Unit:cd]	Road
	Imax:149.94	
	(10%Imax) 14.9941	
	(20%Imax) 29.9882	
	(30%Imax) 44.9823	
	(40%Imax) 59.9764	
	(50%Imax) 74.9706	
	(60%Imax) 89.9647	
	(70%Imax) 104.959	
	(80%Imax) 119.953	
	(90%Imax) 134.947	



(10%Emax)	0.6164781	—
(20%Emax)	1.232956	—
(30%Emax)	1.849437	—
(40%Emax)	2.465913	—
(50%Emax)	3.082394	—
(60%Emax)	3.698869	—
(70%Emax)	4.31535	—
(80%Emax)	4.931825	—
(90%Emax)	5.548306	—





Luminaire Lumens:

FL=47.37,FM=93.08,FH=0.88,FVH=0

BL=48.33,BM=98.5,BH=1.13,BVH=0

UL=0,UH=0

BUG Rating:B0-U0-G0

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	86.85	89.62	89.98	90.69	91.63	92.75	94.17	95.06	96.65
22.5	86.85	87.20	87.55	88.38	89.39	90.69	92.28	93.28	95.53
45.0	86.85	87.20	88.03	89.21	90.45	91.87	93.64	94.47	96.06
67.5	86.85	86.31	86.49	87.08	87.79	88.74	90.04	90.86	92.81
90.0	86.85	86.49	87.08	88.03	89.21	90.51	92.28	93.34	95.12
112.5	86.85	86.31	86.49	87.08	87.79	88.74	90.04	90.86	92.81
135.0	86.85	87.20	88.03	89.21	90.45	91.87	93.64	94.47	96.06
157.5	86.85	87.20	87.55	88.38	89.39	90.69	92.28	93.28	95.53
180.0	86.85	89.62	89.98	90.69	91.63	92.75	94.17	95.06	96.65
202.5	86.85	86.73	87.02	87.55	88.32	89.33	90.69	91.28	92.64
225.0	86.85	86.43	86.31	86.49	86.85	87.50	88.44	89.15	90.69
247.5	86.85	86.31	86.55	87.02	87.85	89.03	90.74	91.69	93.28
270.0	86.85	86.02	86.02	86.25	86.85	87.44	88.38	89.21	90.98
292.5	86.85	86.31	86.55	87.02	87.85	89.03	90.74	91.69	93.28
315.0	86.85	86.43	86.31	86.49	86.85	87.50	88.44	89.15	90.69
337.5	86.85	86.73	87.02	87.55	88.32	89.33	90.69	91.28	92.64
360.0	86.85	89.62	89.98	90.69	91.63	92.75	94.17	95.06	96.65
C/ γ (°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	98.19	99.90	101.91	102.97	105.16	107.46	109.00	111.01	112.78
22.5	97.48	99.43	101.50	102.97	105.28	107.05	108.11	109.94	111.48
45.0	97.54	99.19	101.14	101.97	103.21	105.04	106.22	108.11	109.77
67.5	94.53	96.12	97.83	99.49	101.08	103.09	103.98	105.81	107.11
90.0	97.01	98.54	100.32	101.26	103.86	106.22	107.52	109.65	111.78
112.5	94.53	96.12	97.83	99.49	101.08	103.09	103.98	105.81	107.11
135.0	97.54	99.19	101.14	101.97	103.21	105.04	106.22	108.11	109.77
157.5	97.48	99.43	101.50	102.97	105.28	107.05	108.11	109.94	111.48
180.0	98.19	99.90	101.91	102.97	105.16	107.46	109.00	111.01	112.78
202.5	94.05	95.65	97.66	98.72	100.37	102.68	103.86	105.93	107.70
225.0	92.52	93.52	95.23	96.36	99.49	101.32	102.38	104.51	106.10
247.5	95.06	96.83	99.13	100.14	102.32	104.86	105.99	107.76	109.59
270.0	92.52	94.17	95.94	97.12	99.61	102.44	103.62	105.87	107.40
292.5	95.06	96.83	99.13	100.14	102.32	104.86	105.99	107.76	109.59
315.0	92.52	93.52	95.23	96.36	99.49	101.32	102.38	104.51	106.10
337.5	94.05	95.65	97.66	98.72	100.37	102.68	103.86	105.93	107.70
360.0	98.19	99.90	101.91	102.97	105.16	107.46	109.00	111.01	112.78
C/ γ (°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	114.43	116.09	116.92	118.28	119.34	120.34	121.23	122.06	123.18
22.5	113.14	114.85	115.91	118.45	121.29	122.65	124.54	125.42	127.14
45.0	111.48	113.73	114.97	117.15	119.99	123.18	126.96	128.61	131.04
67.5	108.29	109.53	110.24	111.48	112.72	113.90	115.44	116.56	118.69
90.0	114.02	117.21	118.75	121.23	123.59	125.84	128.20	129.26	130.92
112.5	108.29	109.53	110.24	111.48	112.72	113.90	115.44	116.56	118.69
135.0	111.48	113.73	114.97	117.15	119.99	123.18	126.96	128.61	131.04
157.5	113.14	114.85	115.91	118.45	121.29	122.65	124.54	125.42	127.14
180.0	114.43	116.09	116.92	118.28	119.34	120.34	121.23	122.06	123.18
202.5	109.59	111.84	113.02	114.79	116.38	117.86	119.57	120.22	121.35
225.0	107.46	108.94	109.65	111.13	112.31	113.49	114.97	116.15	117.21
247.5	111.36	113.19	113.96	115.14	116.33	117.45	118.69	119.40	120.58
270.0	108.47	109.30	109.77	110.83	112.13	113.43	115.32	118.16	120.99
292.5	111.36	113.19	113.96	115.14	116.33	117.45	118.69	119.40	120.58
315.0	107.46	108.94	109.65	111.13	112.31	113.49	114.97	116.15	117.21
337.5	109.59	111.84	113.02	114.79	116.38	117.86	119.57	120.22	121.35
360.0	114.44	116.09	116.92	118.28	119.34	120.34	121.23	122.06	123.18

Intensity data(cd)

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C/ γ (°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	124.60	125.36	126.66	128.20	130.03	132.10	133.16	135.17	137.06
22.5	128.26	129.03	130.50	131.80	133.10	134.34	135.11	136.35	137.59
45.0	133.28	135.82	137.83	139.60	141.08	142.79	143.62	144.51	145.57
67.5	120.82	122.41	124.89	126.96	128.97	131.04	132.22	134.52	136.29
90.0	133.40	134.23	135.64	137.06	138.48	140.25	140.96	142.26	143.32
112.5	120.82	122.41	124.89	126.96	128.97	131.04	132.22	134.52	136.29
135.0	133.28	135.82	137.83	139.60	141.08	142.79	143.62	144.51	145.57
157.5	128.26	129.03	130.50	131.80	133.10	134.34	135.11	136.35	137.59
180.0	124.60	125.36	126.66	128.20	130.03	132.10	133.16	135.17	137.06
202.5	122.82	123.95	125.48	126.72	128.61	130.50	131.51	132.99	134.34
225.0	118.63	119.40	121.05	122.59	124.36	126.13	127.31	129.50	131.98
247.5	122.29	123.12	124.77	126.43	128.08	130.09	131.10	132.81	134.40
270.0	124.54	126.90	131.27	134.23	136.83	139.19	140.25	142.26	143.68
292.5	122.29	123.12	124.77	126.43	128.08	130.09	131.10	132.81	134.40
315.0	118.63	119.40	121.05	122.59	124.36	126.13	127.31	129.50	131.98
337.5	122.82	123.95	125.48	126.72	128.61	130.50	131.51	132.99	134.34
360.0	124.60	125.36	126.66	128.20	130.03	132.10	133.16	135.17	137.06
C/ γ (°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	138.89	140.55	141.43	143.38	145.21	145.92	146.40	144.21	140.61
22.5	138.42	139.72	140.37	141.91	143.03	143.62	144.80	144.33	140.96
45.0	146.40	147.28	147.87	149.00	149.94	149.76	144.56	135.94	125.25
67.5	138.07	139.72	141.26	142.62	144.51	145.27	145.21	140.55	132.45
90.0	144.39	145.69	146.16	147.11	145.92	144.15	135.76	125.25	113.31
112.5	138.07	139.72	141.26	142.62	144.51	145.27	145.21	140.55	132.45
135.0	146.40	147.28	147.87	149.00	149.94	149.76	144.56	135.94	125.25
157.5	138.42	139.72	140.37	141.91	143.03	143.62	144.80	144.33	140.96
180.0	138.89	140.55	141.43	143.38	145.21	145.92	146.40	144.21	140.61
202.5	135.59	137.12	137.95	139.13	140.37	141.67	142.97	144.09	145.10
225.0	133.04	134.70	136.71	137.95	139.72	140.55	142.14	143.32	144.39
247.5	135.82	137.18	137.77	133.28	126.01	115.26	102.44	88.68	74.73
270.0	144.86	145.81	146.28	140.72	121.47	110.71	86.49	64.75	43.36
292.5	135.82	137.18	137.77	133.28	126.01	115.26	102.44	88.68	74.73
315.0	133.04	134.70	136.71	137.95	139.72	140.55	142.14	143.32	144.39
337.5	135.59	137.12	137.95	139.13	140.37	141.67	142.97	144.09	145.10
360.0	138.89	140.55	141.43	143.38	145.21	145.92	146.40	144.21	140.61
C/ γ (°)	45.0	46.0	47.0	48.0	49.0	50.0	51.0	52.0	53.0
0.0	134.94	131.51	124.89	115.44	104.27	90.27	75.92	62.68	50.33
22.5	133.46	127.67	114.55	99.90	89.86	74.20	60.44	46.67	30.13
45.0	110.42	102.56	88.97	74.91	60.56	43.19	34.86	22.45	15.42
67.5	121.88	114.49	99.07	85.90	72.37	58.66	34.09	22.45	19.32
90.0	97.60	89.68	76.57	62.86	49.15	33.32	26.11	17.72	12.05
112.5	121.88	114.49	99.07	85.90	72.37	58.66	34.09	22.45	19.32
135.0	110.42	102.56	88.97	74.91	60.56	43.19	34.86	22.45	15.42
157.5	133.46	127.67	114.55	99.90	89.86	74.20	60.44	46.67	30.13
180.0	134.94	131.51	124.89	115.44	104.27	90.27	75.92	62.68	50.33
202.5	145.39	144.03	138.66	129.85	119.16	105.28	97.83	84.84	66.46
225.0	145.51	145.98	146.93	147.58	145.27	138.36	111.30	84.84	66.46
247.5	62.27	57.96	54.12	51.63	48.03	42.12	38.93	32.79	26.41
270.0	29.54	24.81	19.50	16.07	12.64	9.57	8.15	6.03	4.73
292.5	62.27	57.96	54.12	51.63	48.03	42.12	38.93	32.79	26.41
315.0	145.51	145.98	146.93	147.58	145.27	138.36	111.30	84.84	66.46
337.5	145.39	144.03	138.66	129.85	119.16	105.28	97.83	84.84	66.46
360.0	134.94	131.51	124.89	115.44	104.27	90.27	75.92	62.68	50.33

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	36.57	28.06	20.26	14.18	10.40	8.86	8.15	6.50	5.14
22.5	30.25	16.72	12.58	10.04	8.21	7.27	5.55	3.96	3.13
45.0	11.70	9.57	7.92	6.44	4.79	4.02	2.89	2.07	1.60
67.5	15.89	11.99	9.93	8.09	6.56	5.73	4.14	3.07	2.24
90.0	10.75	8.98	7.56	6.03	4.37	3.66	2.72	2.13	1.77
112.5	15.89	11.99	9.93	8.09	6.56	5.73	4.14	3.07	2.24
135.0	11.70	9.57	7.92	6.44	4.79	4.02	2.89	2.07	1.60
157.5	30.25	16.72	12.58	10.04	8.21	7.27	5.55	3.96	3.13
180.0	36.57	28.06	20.26	14.18	10.40	8.86	8.15	6.50	5.14
202.5	56.83	40.06	26.47	18.26	13.17	11.64	9.57	7.92	6.26
225.0	56.83	40.06	32.20	18.26	13.17	11.64	9.57	9.87	9.57
247.5	23.87	19.73	15.66	11.87	7.98	6.32	4.79	3.84	2.95
270.0	4.25	3.54	2.95	2.36	2.01	1.77	1.30	1.06	0.95
292.5	23.87	19.73	15.66	11.87	7.98	6.32	4.79	3.84	2.95
315.0	56.83	40.06	32.20	18.26	13.17	11.64	9.57	9.87	9.57
337.5	56.83	40.06	26.47	18.26	13.17	11.64	9.57	7.92	6.26
360.0	36.57	28.06	20.26	14.18	10.40	8.86	8.15	6.50	5.14
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	4.08	3.49	2.54	1.60	1.24	0.89	0.65	0.47	0.35
22.5	2.07	1.60	1.18	0.95	0.83	0.59	0.35	0.30	0.24
45.0	1.18	1.06	0.77	0.59	0.41	0.41	0.30	0.24	0.12
67.5	1.77	1.65	1.30	1.00	0.89	0.71	0.65	0.53	0.35
90.0	1.42	1.30	1.06	0.83	0.83	0.59	0.47	0.47	0.35
112.5	1.77	1.65	1.30	1.00	0.89	0.71	0.65	0.53	0.35
135.0	1.18	1.06	0.77	0.59	0.41	0.41	0.30	0.24	0.12
157.5	2.07	1.60	1.18	0.95	0.83	0.59	0.35	0.30	0.24
180.0	4.08	3.49	2.54	1.60	1.24	0.89	0.65	0.47	0.35
202.5	4.49	3.72	2.54	1.83	1.42	0.95	0.71	0.53	0.35
225.0	7.44	6.38	4.79	3.37	2.72	1.71	1.24	0.95	0.71
247.5	2.13	1.77	1.18	0.77	0.59	0.35	0.24	0.12	0.00
270.0	0.71	0.47	0.35	0.24	0.24	0.12	0.00	0.00	0.00
292.5	2.13	1.77	1.18	0.77	0.59	0.35	0.24	0.12	0.00
315.0	7.44	6.38	4.79	3.37	2.72	1.71	1.24	0.95	0.71
337.5	4.49	3.72	2.54	1.83	1.42	0.95	0.71	0.53	0.35
360.0	4.08	3.49	2.54	1.60	1.24	0.89	0.65	0.47	0.35
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	0.30	0.18	0.12	0.06	0.06	0.06	0.00	0.00	0.00
22.5	0.18	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45.0	0.12	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
67.5	0.35	0.24	0.18	0.12	0.12	0.06	0.00	0.00	0.00
90.0	0.35	0.24	0.24	0.12	0.12	0.12	0.00	0.00	0.00
112.5	0.35	0.24	0.18	0.12	0.12	0.06	0.00	0.00	0.00
135.0	0.12	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
157.5	0.18	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.30	0.18	0.12	0.06	0.06	0.06	0.00	0.00	0.00
202.5	0.30	0.18	0.12	0.06	0.00	0.00	0.00	0.00	0.00
225.0	0.53	0.30	0.24	0.12	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	0.53	0.30	0.24	0.12	0.00	0.00	0.00	0.00	0.00
337.5	0.30	0.18	0.12	0.06	0.00	0.00	0.00	0.00	0.00
360.0	0.30	0.18	0.12	0.06	0.06	0.06	0.00	0.00	0.00

Intensity data(cd)										Appendix Page: 18 Total:21	
C/ $\gamma(^{\circ})$	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0		
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/ $\gamma(^{\circ})$	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/ $\gamma(^{\circ})$	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		

Intensity data(cd)

Appendix Page: 19 Total:21

C/ $\gamma(^{\circ})$	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/ $\gamma(^{\circ})$	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/ $\gamma(^{\circ})$	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	0.06	0.06	0.06	0.06
22.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.06
45.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.06
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	0.06	0.06
157.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.06
180.0	0.00	0.00	0.00	0.00	0.00	0.06	0.06	0.06	0.06
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	0.06	0.06	0.06	0.06

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	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.12	0.12
22.5	0.12	0.12	0.06	0.12	0.06	0.12	0.12	0.12	0.12
45.0	0.00	0.00	0.06	0.12	0.06	0.12	0.12	0.12	0.12
67.5	0.00	0.00	0.06	0.00	0.00	0.06	0.06	0.06	0.12
90.0	0.00	0.12	0.00	0.12	0.12	0.12	0.12	0.12	0.12
112.5	0.00	0.00	0.06	0.00	0.00	0.06	0.06	0.06	0.12
135.0	0.00	0.00	0.06	0.12	0.06	0.12	0.12	0.12	0.12
157.5	0.12	0.12	0.06	0.12	0.06	0.12	0.12	0.12	0.12
180.0	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.12	0.12
202.5	0.06	0.00	0.00	0.12	0.12	0.00	0.06	0.12	0.12
225.0	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.12	0.06
247.5	0.00	0.00	0.00	0.00	0.06	0.06	0.06	0.12	0.00
270.0	0.00	0.00	0.00	0.00	0.12	0.00	0.12	0.12	0.00
292.5	0.00	0.00	0.00	0.00	0.06	0.06	0.06	0.12	0.00
315.0	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.12	0.06
337.5	0.06	0.00	0.00	0.12	0.12	0.00	0.06	0.12	0.12
360.0	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.12	0.12
C/γ(°)	144.0	145.0	146.0	147.0	148.0	149.0	150.0	151.0	152.0
0.0	0.12	0.12	0.12	0.12	0.18	0.18	0.18	0.18	0.18
22.5	0.12	0.18	0.18	0.12	0.18	0.12	0.18	0.18	0.18
45.0	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.18
67.5	0.12	0.06	0.06	0.12	0.12	0.12	0.12	0.12	0.12
90.0	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
112.5	0.12	0.06	0.06	0.12	0.12	0.12	0.12	0.12	0.12
135.0	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.18
157.5	0.12	0.18	0.18	0.12	0.18	0.12	0.18	0.18	0.18
180.0	0.12	0.12	0.12	0.12	0.18	0.18	0.18	0.18	0.18
202.5	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
225.0	0.06	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
247.5	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
270.0	0.00	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
292.5	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
315.0	0.06	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
337.5	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
360.0	0.12	0.12	0.12	0.12	0.18	0.18	0.18	0.18	0.18
C/γ(°)	153.0	154.0	155.0	156.0	157.0	158.0	159.0	160.0	161.0
0.0	0.18	0.18	0.18	0.18	0.18	0.24	0.24	0.24	0.24
22.5	0.18	0.18	0.18	0.24	0.24	0.24	0.18	0.24	0.24
45.0	0.18	0.18	0.24	0.24	0.24	0.24	0.24	0.24	0.24
67.5	0.12	0.12	0.12	0.18	0.18	0.18	0.18	0.18	0.24
90.0	0.12	0.12	0.12	0.12	0.12	0.12	0.24	0.12	0.12
112.5	0.12	0.12	0.12	0.18	0.18	0.18	0.18	0.18	0.24
135.0	0.18	0.18	0.24	0.24	0.24	0.24	0.24	0.24	0.24
157.5	0.18	0.18	0.18	0.24	0.24	0.24	0.18	0.24	0.24
180.0	0.18	0.18	0.18	0.18	0.18	0.24	0.24	0.24	0.24
202.5	0.12	0.12	0.12	0.12	0.24	0.18	0.24	0.24	0.24
225.0	0.12	0.12	0.12	0.12	0.18	0.12	0.12	0.24	0.24
247.5	0.12	0.12	0.12	0.12	0.18	0.12	0.24	0.24	0.24
270.0	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.24
292.5	0.12	0.12	0.12	0.12	0.18	0.12	0.24	0.24	0.24
315.0	0.12	0.12	0.12	0.12	0.18	0.12	0.12	0.24	0.24
337.5	0.12	0.12	0.12	0.12	0.24	0.18	0.24	0.24	0.24
360.0	0.18	0.18	0.18	0.18	0.18	0.24	0.24	0.24	0.24

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	0.24	0.24	0.24	0.24	0.24	0.30	0.24	0.24	0.24
22.5	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24
45.0	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24
67.5	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24
90.0	0.12	0.12	0.24	0.24	0.24	0.24	0.24	0.12	0.24
112.5	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24
135.0	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24
157.5	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24
180.0	0.24	0.24	0.24	0.24	0.24	0.30	0.24	0.24	0.24
202.5	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24
225.0	0.24	0.24	0.24	0.24	0.24	0.30	0.24	0.24	0.24
247.5	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24
270.0	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24
292.5	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24
315.0	0.24	0.24	0.24	0.24	0.24	0.30	0.24	0.24	0.24
337.5	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24
360.0	0.24	0.24	0.24	0.24	0.24	0.30	0.24	0.24	0.24
C/ γ (°)	171.0	172.0	173.0	174.0	175.0	176.0	177.0	178.0	179.0
0.0	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.30	0.24
22.5	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24
45.0	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24
67.5	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24
90.0	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24
112.5	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24
135.0	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24
157.5	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24
180.0	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.30	0.24
202.5	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.30	0.24
225.0	0.30	0.24	0.24	0.24	0.24	0.30	0.24	0.24	0.30
247.5	0.24	0.24	0.24	0.30	0.24	0.24	0.24	0.24	0.24
270.0	0.24	0.35	0.24	0.24	0.24	0.24	0.24	0.24	0.24
292.5	0.24	0.24	0.24	0.30	0.24	0.24	0.24	0.24	0.24
315.0	0.30	0.24	0.24	0.24	0.24	0.30	0.24	0.24	0.30
337.5	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.30	0.24
360.0	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.30	0.24
C/ γ (°)	180.0								
0.0	0.25								
22.5	0.25								
45.0	0.25								
67.5	0.25								
90.0	0.25								
112.5	0.25								
135.0	0.25								
157.5	0.25								
180.0	0.25								
202.5	0.25								
225.0	0.25								
247.5	0.25								
270.0	0.25								
292.5	0.25								
315.0	0.25								
337.5	0.25								
360.0	0.25								