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Address:First floor, Huaxia Building, No.116, Jiangmu Road, Jianghai District, Jiangmen City, Guangdong, China.

Client:

LumCAT: B7910-TBK/SBK

Luminaire: Wall Sconce

Report No:

Ballast type:

Test No: BT25120401-9

Voltage(V): 120.000

LampCAT:

Current(A): 0.152

Lamp flux(lm)

Power (W): 13.360

Number of Lamps: 1

PF: 0.731

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 990.80, Luminous Efficacy(lm/W): 74.16

Central intensity(cd): 329.69, Maximum intensity(cd): 329.83

Angle of maximum intensity: C=180.0 γ =1.0

Beam Angle(50%Imax): [C0/180]Total=134.2

[C90/270]Total=134.1

Field angle(10%Imax): [C0/180]Total=168.9

[C90/270]Total=168.6

IES Classification : TypeVS

Longitudinal Classification : VeryShort

Cut Off Classification : Cutoff

Max Cd(At 90°Vert) : 6.381163

Max Cd(80 to 90°Vert) : 90.26687

Street Side UpWard Lumens: 0.15%of Luminaire

Street Side DownWard Lumens: 48.76%of Luminaire

House Side UpWard Lumens: 0.15%of Luminaire

House Side DownWard Lumens: 50.95%of Luminaire

SLI: --- (C Flash Area: 0.000)

Throw: 97.3 (long), Spread: 5.7 (narrow), Control: --- (limited)

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	305.482	0.000	0.000	0.000%	0.000%
1.0	305.440	0.292	0.292	0.030%	0.030%
2.0	305.241	0.877	1.169	0.088%	0.118%
3.0	304.900	1.459	2.628	0.147%	0.265%
4.0	304.086	2.038	4.667	0.206%	0.471%
5.0	302.665	2.610	7.277	0.263%	0.734%
6.0	301.377	3.174	10.451	0.320%	1.055%
7.0	299.134	3.727	14.179	0.376%	1.431%
8.0	296.649	4.264	18.442	0.430%	1.861%
9.0	293.151	4.780	23.222	0.482%	2.344%
10.0	288.764	5.266	28.489	0.532%	2.875%
11.0	285.532	5.738	34.227	0.579%	3.454%
12.0	279.998	6.182	40.409	0.624%	4.078%
13.0	274.448	6.580	46.989	0.664%	4.743%
14.0	268.449	6.949	53.938	0.701%	5.444%
15.0	262.683	7.292	61.230	0.736%	6.180%
16.0	259.118	7.646	68.875	0.772%	6.951%
17.0	254.931	8.005	76.881	0.808%	7.759%
18.0	251.981	8.358	85.238	0.844%	8.603%
19.0	250.137	8.736	93.974	0.882%	9.485%
20.0	247.885	9.115	103.089	0.920%	10.405%
21.0	246.123	9.486	112.575	0.957%	11.362%
22.0	243.872	9.847	122.422	0.994%	12.356%
23.0	241.570	10.186	132.608	1.028%	13.384%
24.0	239.967	10.528	143.136	1.063%	14.446%
25.0	237.981	10.867	154.004	1.097%	15.543%
26.0	236.402	11.198	165.201	1.130%	16.674%
27.0	234.790	11.528	176.729	1.163%	17.837%
28.0	232.937	11.842	188.571	1.195%	19.032%
29.0	231.608	12.154	200.725	1.227%	20.259%
30.0	229.738	12.456	213.181	1.257%	21.516%
31.0	227.861	12.734	225.915	1.285%	22.801%
32.0	226.498	13.017	238.932	1.314%	24.115%
33.0	224.861	13.297	252.230	1.342%	25.457%
34.0	223.515	13.569	265.799	1.370%	26.827%
35.0	221.604	13.824	279.622	1.395%	28.222%
36.0	219.809	14.055	293.677	1.419%	29.640%
37.0	218.571	14.298	307.975	1.443%	31.083%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	216.752	14.531	322.505	1.467%	32.550%
39.0	215.190	14.743	337.249	1.488%	34.038%
40.0	213.453	14.950	352.198	1.509%	35.547%
41.0	211.509	15.133	367.331	1.527%	37.074%
42.0	210.138	15.319	382.650	1.546%	38.620%
43.0	208.003	15.489	398.139	1.563%	40.184%
44.0	205.925	15.623	413.762	1.577%	41.760%
45.0	204.480	15.772	429.534	1.592%	43.352%
46.0	202.444	15.914	445.448	1.606%	44.958%
47.0	200.857	16.040	461.488	1.619%	46.577%
48.0	198.605	16.148	477.637	1.630%	48.207%
49.0	196.262	16.215	493.852	1.637%	49.844%
50.0	194.584	16.296	510.148	1.645%	51.488%
51.0	192.249	16.366	526.514	1.652%	53.140%
52.0	190.164	16.410	542.924	1.656%	54.796%
53.0	188.070	16.453	559.377	1.661%	56.457%
54.0	185.644	16.472	575.849	1.662%	58.119%
55.0	183.899	16.496	592.345	1.665%	59.784%
56.0	181.282	16.501	608.846	1.665%	61.450%
57.0	178.756	16.462	625.308	1.661%	63.111%
58.0	176.811	16.443	641.750	1.660%	64.771%
59.0	174.460	16.422	658.173	1.657%	66.428%
60.0	172.416	16.388	674.560	1.654%	68.082%
61.0	169.691	16.326	690.886	1.648%	69.730%
62.0	166.766	16.212	707.099	1.636%	71.366%
63.0	164.656	16.119	723.217	1.627%	72.993%
64.0	161.731	16.016	739.233	1.616%	74.610%
65.0	158.947	15.870	755.103	1.602%	76.211%
66.0	155.931	15.710	770.814	1.586%	77.797%
67.0	152.782	15.523	786.337	1.567%	79.364%
68.0	150.265	15.351	801.688	1.549%	80.913%
69.0	146.800	15.155	816.843	1.530%	82.443%
70.0	143.427	14.905	831.748	1.504%	83.947%
71.0	140.710	14.686	846.434	1.482%	85.429%
72.0	137.045	14.442	860.876	1.458%	86.887%
73.0	133.464	14.146	875.022	1.428%	88.315%
74.0	127.640	13.727	888.749	1.385%	89.700%
75.0	119.697	13.068	901.817	1.319%	91.019%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	113.357	12.371	914.189	1.249%	92.268%
77.0	102.871	11.528	925.717	1.164%	93.431%
78.0	93.200	10.496	936.213	1.059%	94.490%
79.0	83.620	9.500	945.713	0.959%	95.449%
80.0	72.586	8.421	954.135	0.850%	96.299%
81.0	65.274	7.455	961.590	0.752%	97.052%
82.0	54.406	6.490	968.080	0.655%	97.707%
83.0	44.003	5.350	973.430	0.540%	98.247%
84.0	37.348	4.432	977.862	0.447%	98.694%
85.0	28.707	3.605	981.467	0.364%	99.058%
86.0	19.235	2.621	984.087	0.264%	99.322%
87.0	12.006	1.710	985.797	0.173%	99.495%
88.0	7.320	1.059	986.856	0.107%	99.602%
89.0	5.060	0.679	987.534	0.068%	99.670%
90.0	1.778	0.375	987.909	0.038%	99.708%
91.0	0.590	0.130	988.039	0.013%	99.721%
92.0	0.116	0.039	988.078	0.004%	99.725%
93.0	0.133	0.014	988.092	0.001%	99.726%
94.0	0.125	0.014	988.106	0.001%	99.728%
95.0	0.133	0.014	988.120	0.001%	99.729%
96.0	0.133	0.015	988.134	0.001%	99.731%
97.0	0.133	0.014	988.149	0.001%	99.732%
98.0	0.133	0.014	988.163	0.001%	99.734%
99.0	0.141	0.015	988.178	0.002%	99.735%
100.0	0.133	0.015	988.193	0.001%	99.737%
101.0	0.141	0.015	988.208	0.001%	99.738%
102.0	0.158	0.016	988.224	0.002%	99.740%
103.0	0.166	0.017	988.241	0.002%	99.742%
104.0	0.191	0.019	988.260	0.002%	99.743%
105.0	0.199	0.021	988.281	0.002%	99.746%
106.0	0.216	0.022	988.303	0.002%	99.748%
107.0	0.233	0.024	988.326	0.002%	99.750%
108.0	0.241	0.025	988.351	0.002%	99.753%
109.0	0.249	0.025	988.377	0.003%	99.755%
110.0	0.266	0.027	988.403	0.003%	99.758%
111.0	0.249	0.026	988.430	0.003%	99.761%
112.0	0.291	0.028	988.457	0.003%	99.763%
113.0	0.291	0.029	988.487	0.003%	99.766%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
114.0	0.291	0.029	988.516	0.003%	99.769%
115.0	0.324	0.031	988.547	0.003%	99.772%
116.0	0.332	0.032	988.579	0.003%	99.776%
117.0	0.349	0.033	988.613	0.003%	99.779%
118.0	0.382	0.036	988.648	0.004%	99.783%
119.0	0.374	0.036	988.685	0.004%	99.786%
120.0	0.391	0.036	988.721	0.004%	99.790%
121.0	0.415	0.038	988.759	0.004%	99.794%
122.0	0.432	0.040	988.799	0.004%	99.798%
123.0	0.465	0.041	988.840	0.004%	99.802%
124.0	0.465	0.043	988.883	0.004%	99.806%
125.0	0.490	0.043	988.926	0.004%	99.811%
126.0	0.490	0.044	988.970	0.004%	99.815%
127.0	0.490	0.043	989.013	0.004%	99.819%
128.0	0.507	0.043	989.056	0.004%	99.824%
129.0	0.540	0.045	989.101	0.005%	99.828%
130.0	0.532	0.045	989.147	0.005%	99.833%
131.0	0.540	0.045	989.191	0.005%	99.837%
132.0	0.548	0.045	989.236	0.005%	99.842%
133.0	0.565	0.045	989.281	0.005%	99.846%
134.0	0.582	0.046	989.327	0.005%	99.851%
135.0	0.582	0.045	989.372	0.005%	99.856%
136.0	0.623	0.046	989.418	0.005%	99.860%
137.0	0.615	0.047	989.465	0.005%	99.865%
138.0	0.648	0.047	989.512	0.005%	99.870%
139.0	0.665	0.048	989.560	0.005%	99.875%
140.0	0.665	0.047	989.607	0.005%	99.879%
141.0	0.681	0.047	989.654	0.005%	99.884%
142.0	0.690	0.047	989.701	0.005%	99.889%
143.0	0.706	0.047	989.747	0.005%	99.894%
144.0	0.706	0.046	989.793	0.005%	99.898%
145.0	0.715	0.045	989.839	0.005%	99.903%
146.0	0.731	0.045	989.883	0.005%	99.907%
147.0	0.748	0.045	989.928	0.005%	99.912%
148.0	0.756	0.044	989.973	0.004%	99.916%
149.0	0.764	0.044	990.016	0.004%	99.921%
150.0	0.773	0.043	990.059	0.004%	99.925%
151.0	0.773	0.042	990.101	0.004%	99.929%

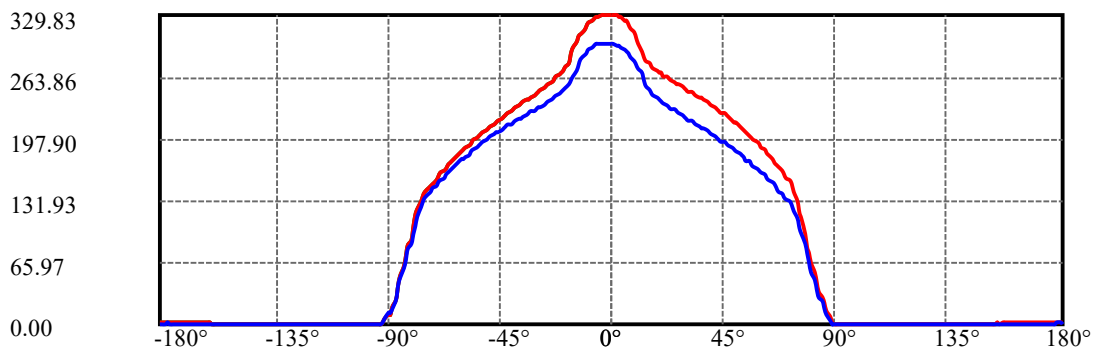
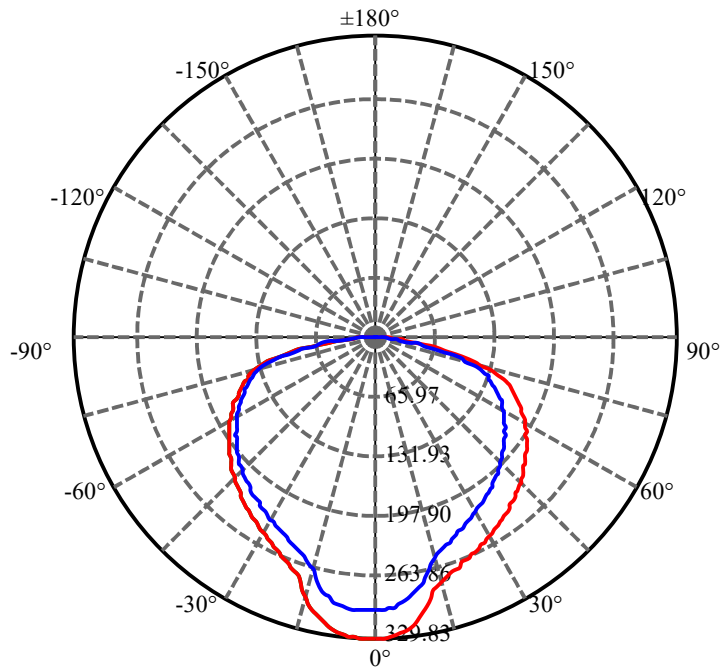
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
152.0	0.798	0.041	990.142	0.004%	99.933%
153.0	0.823	0.041	990.183	0.004%	99.938%
154.0	0.847	0.041	990.224	0.004%	99.942%
155.0	0.839	0.040	990.263	0.004%	99.946%
156.0	0.856	0.039	990.302	0.004%	99.950%
157.0	0.856	0.037	990.339	0.004%	99.953%
158.0	0.856	0.036	990.375	0.004%	99.957%
159.0	0.889	0.035	990.410	0.004%	99.960%
160.0	0.914	0.035	990.445	0.003%	99.964%
161.0	0.914	0.033	990.478	0.003%	99.967%
162.0	0.939	0.032	990.511	0.003%	99.971%
163.0	0.922	0.031	990.541	0.003%	99.974%
164.0	0.922	0.029	990.570	0.003%	99.977%
165.0	0.914	0.027	990.597	0.003%	99.979%
166.0	0.947	0.026	990.622	0.003%	99.982%
167.0	0.931	0.024	990.647	0.002%	99.984%
168.0	0.947	0.022	990.669	0.002%	99.987%
169.0	0.947	0.021	990.689	0.002%	99.989%
170.0	0.956	0.019	990.709	0.002%	99.991%
171.0	0.964	0.017	990.726	0.002%	99.992%
172.0	0.972	0.016	990.742	0.002%	99.994%
173.0	0.964	0.014	990.755	0.001%	99.995%
174.0	0.980	0.012	990.767	0.001%	99.997%
175.0	0.989	0.010	990.778	0.001%	99.998%
176.0	1.005	0.009	990.786	0.001%	99.998%
177.0	1.005	0.007	990.793	0.001%	99.999%
178.0	1.022	0.005	990.798	0.000%	100.000%
179.0	1.030	0.003	990.801	0.000%	100.000%
180.0	1.014	0.001	990.802	0.000%	100.000%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixt
0-30	213.18	21.52%
0-40	352.20	35.55%
0-60	674.56	68.08%
0-90	987.91	99.71%
0-120	988.72	99.79%
0-180	990.80	100.00%
60-90	313.35	31.63%
90-120	0.81	0.08%
90-130	1.24	0.12%
90-150	2.15	0.22%
90-180	2.89	0.29%
0-67.41	792.64	80.00%

ZONAL LUMEN SUMMARY

0-10	28.49
10-20	74.60
20-30	110.09
30-40	139.02
40-50	157.95
50-60	164.41
60-70	157.19
70-80	122.39
80-90	33.77
90-100	0.28
100-110	0.21
110-120	0.32
120-130	0.43
130-140	0.46
140-150	0.45
150-160	0.39
160-170	0.26
170-180	0.09

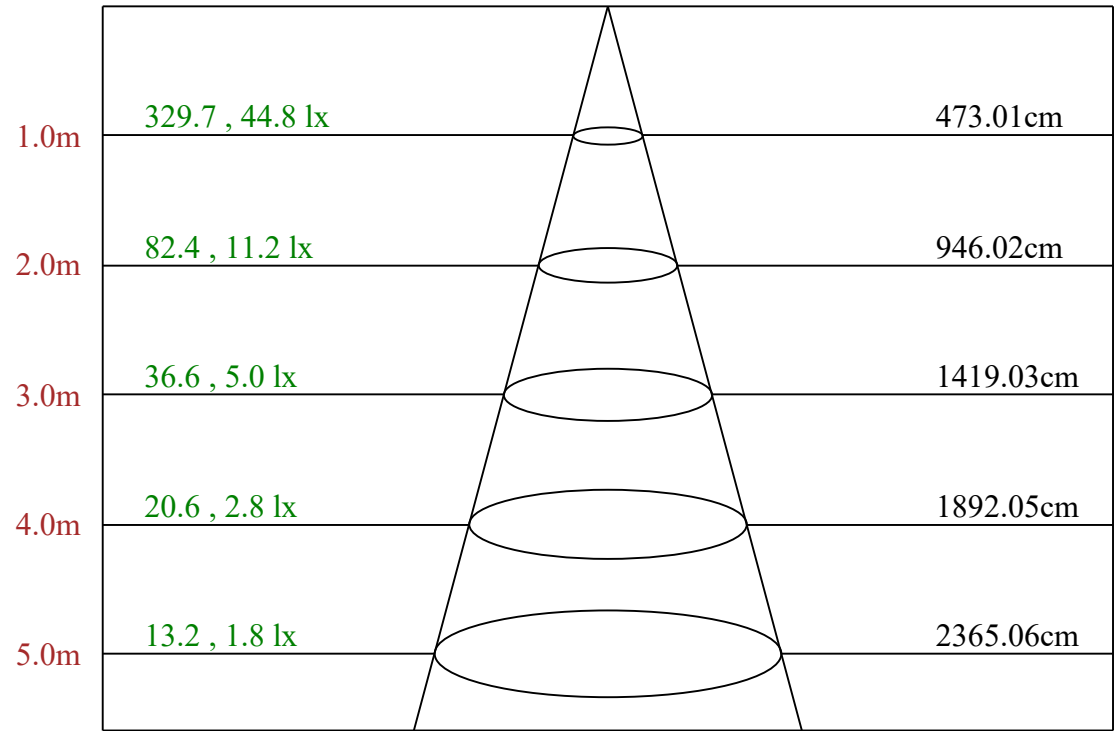
C180(Max): —————C0/C180: —————C90/C270: —————

Field angle(10%Imax):C0/180Left:85.6 Right:83.3

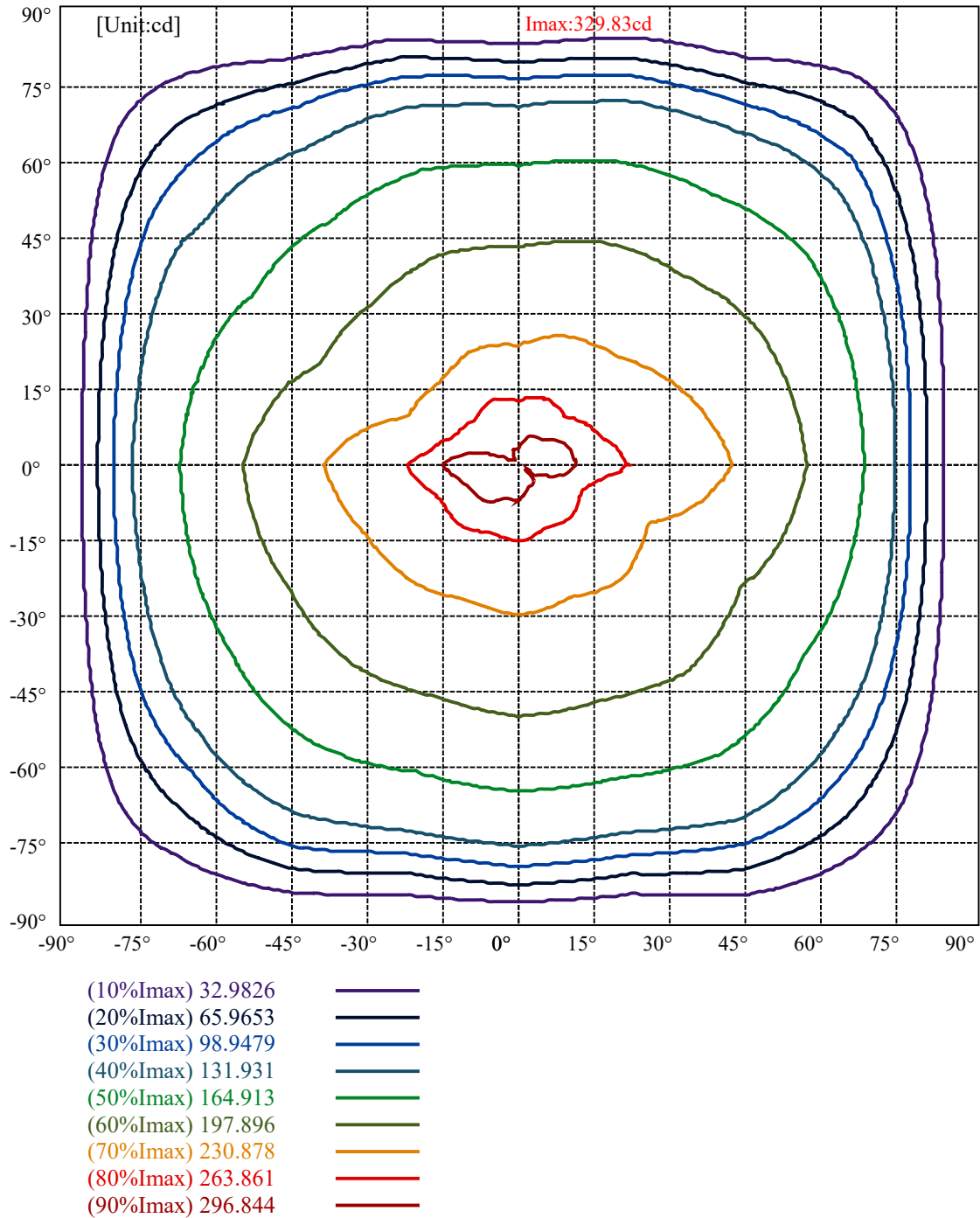
:C90/270Left:85.8 Right:82.8

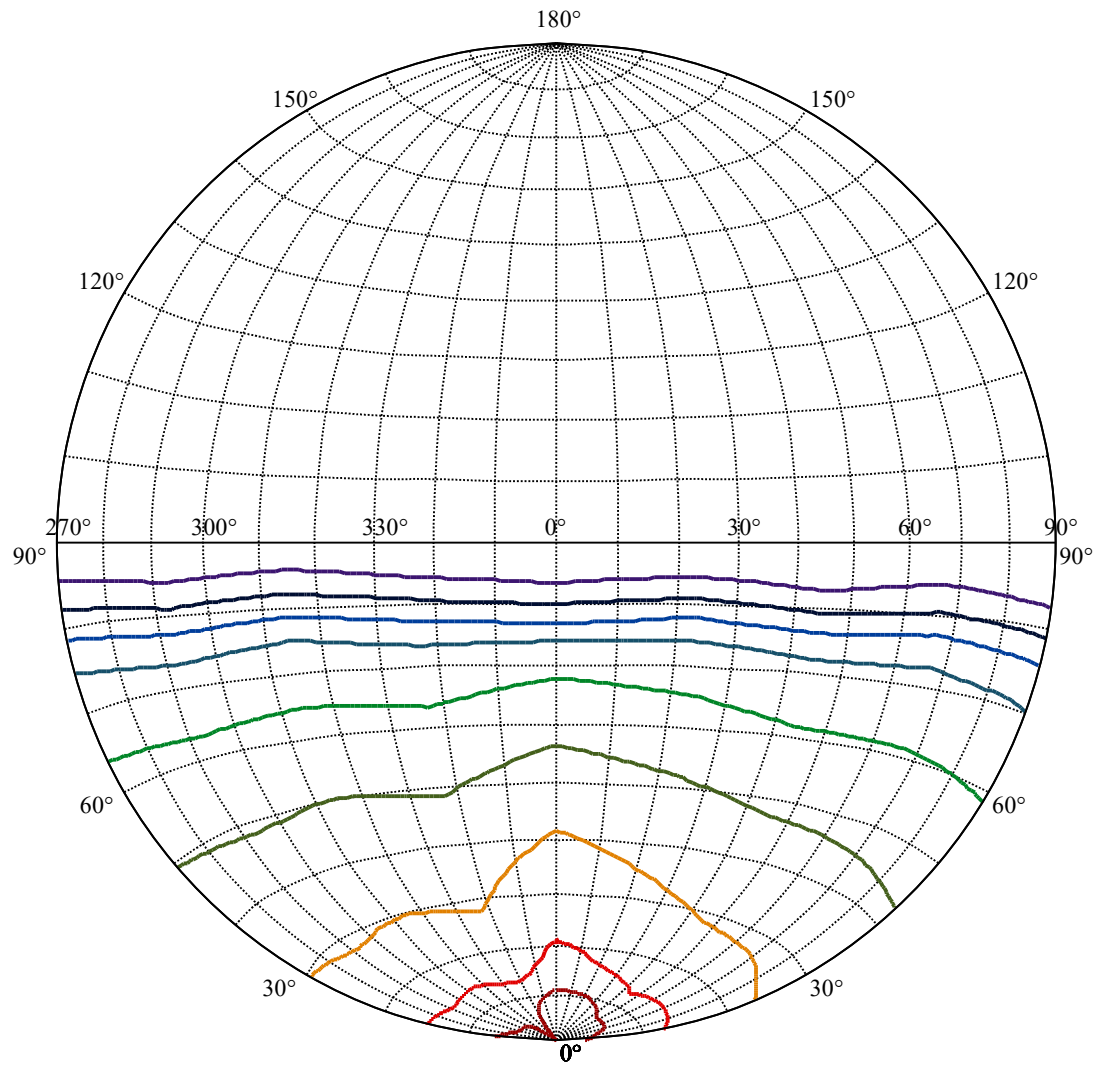
Beam Angle(50%Imax):C0/180Left:66.4 Right:67.8

:C90/270Left:69.3 Right:64.8



Max , Ave Beam angle of C180 plane 134.16



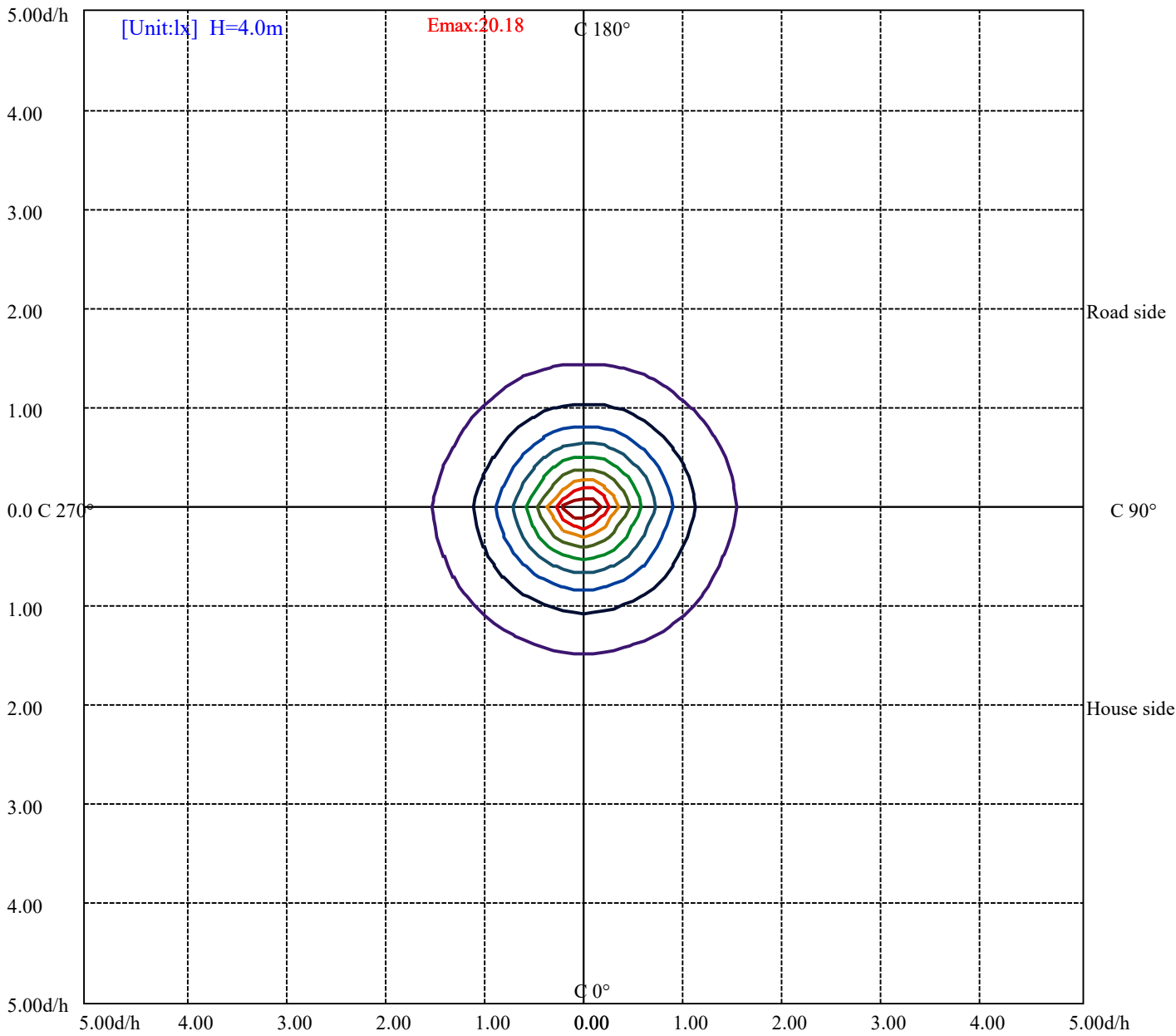


House

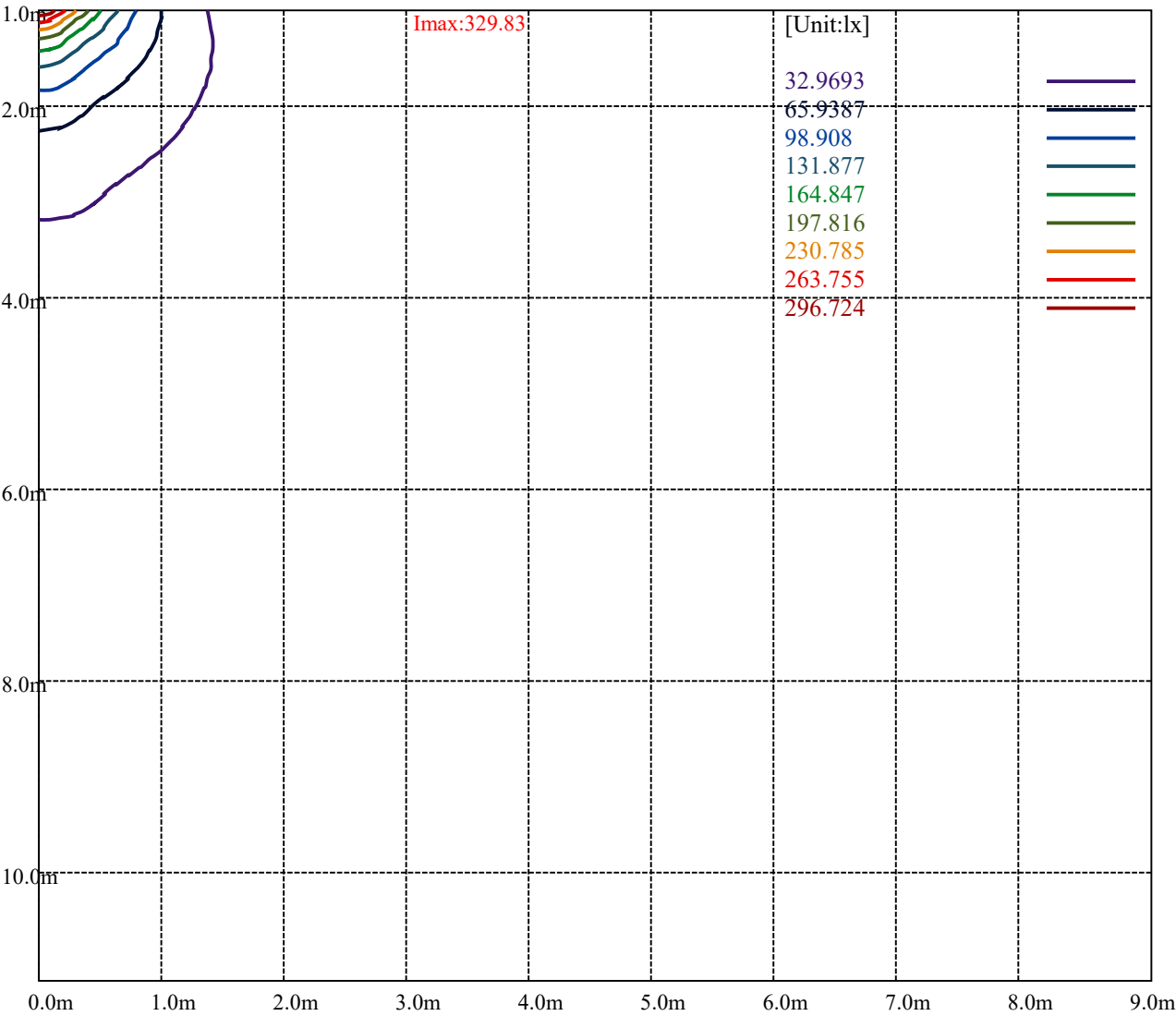
[Unit:cd]

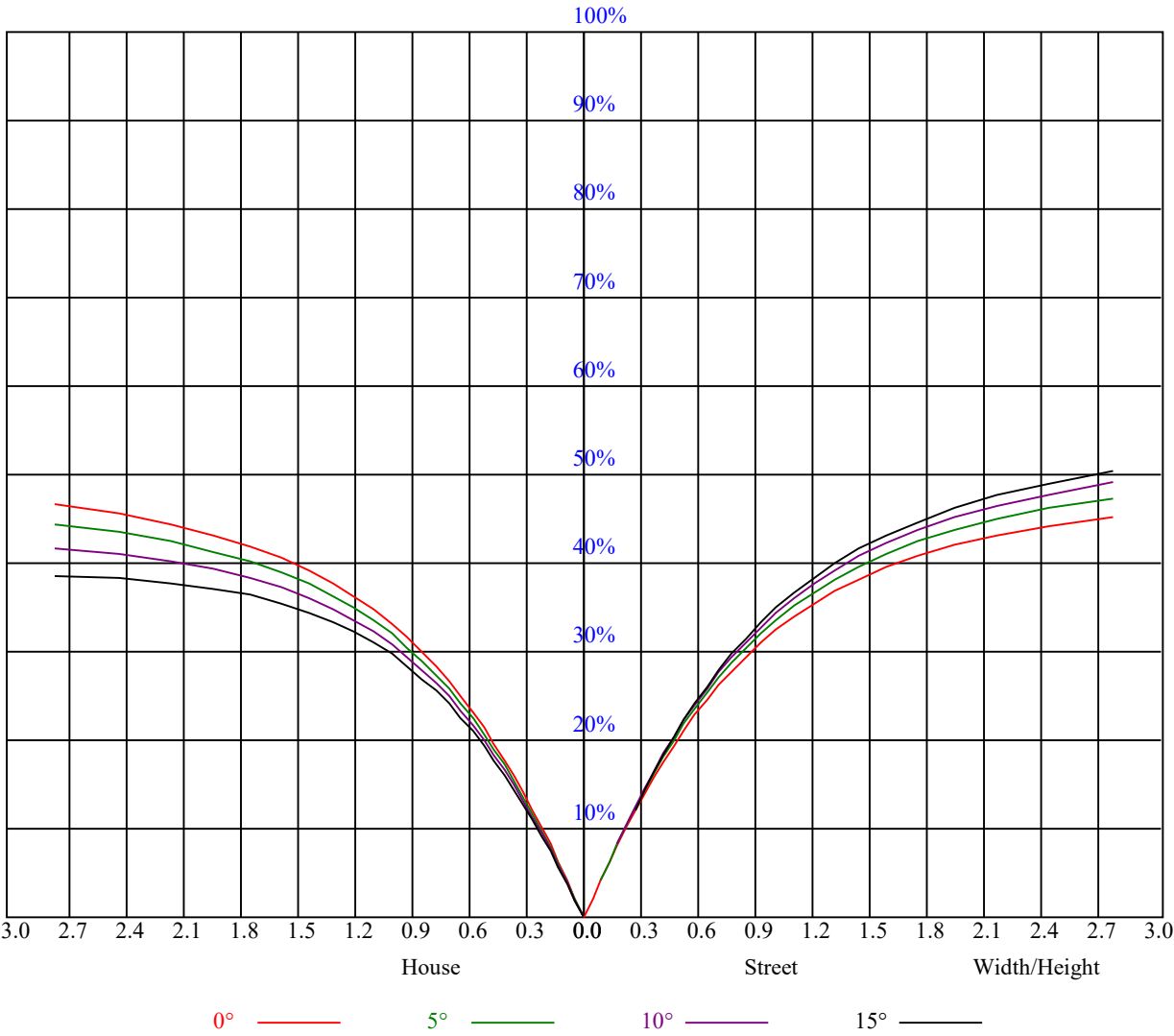
Road

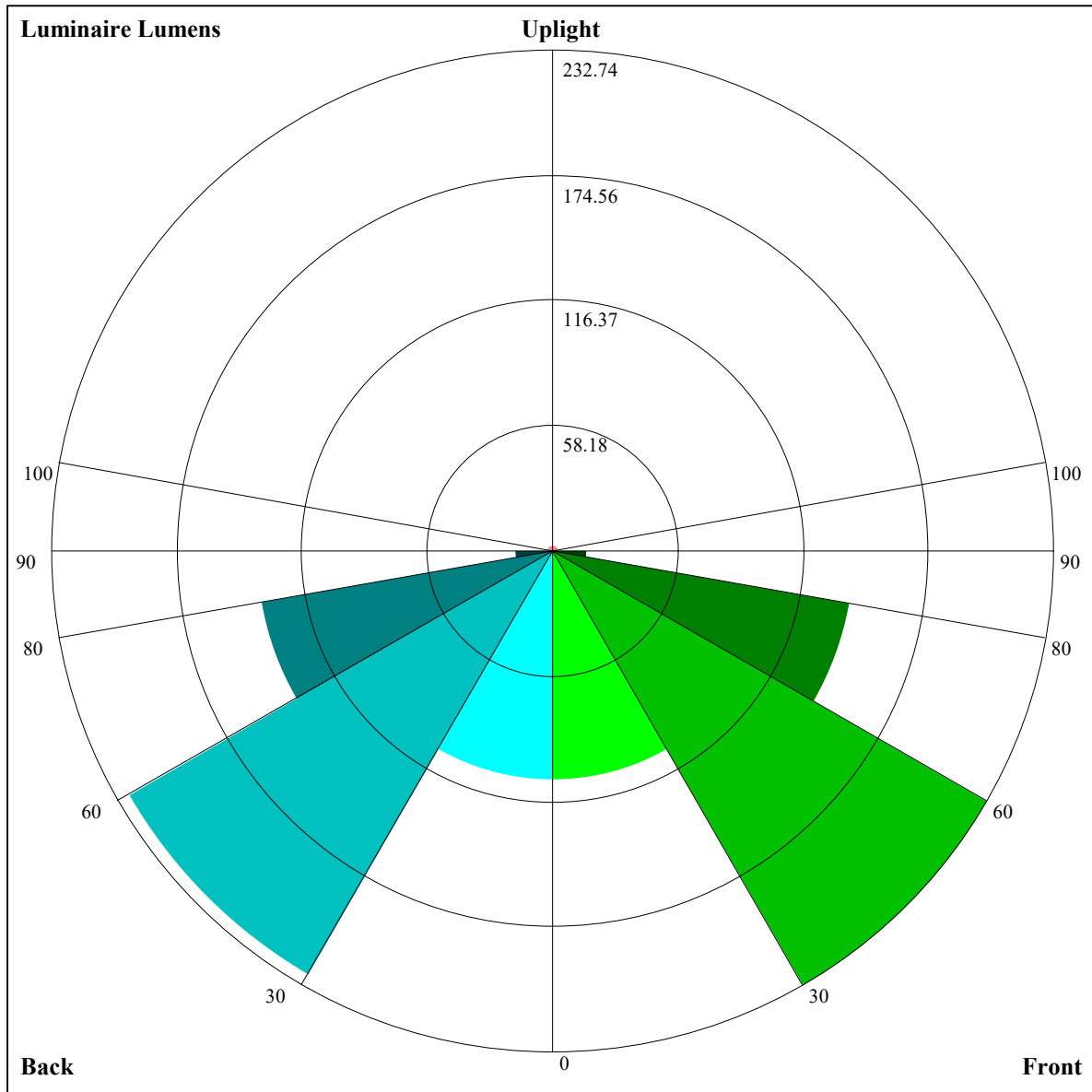
I _{max} :329.83	
(10%I _{max}) 32.9826	
(20%I _{max}) 65.9653	
(30%I _{max}) 98.9479	
(40%I _{max}) 131.931	
(50%I _{max}) 164.913	
(60%I _{max}) 197.896	
(70%I _{max}) 230.878	
(80%I _{max}) 263.861	
(90%I _{max}) 296.844	



(10%Emax) 2.018006	—
(20%Emax) 4.036013	—
(30%Emax) 6.054019	—
(40%Emax) 8.072	—
(50%Emax) 10.09006	—
(60%Emax) 12.10806	—
(70%Emax) 14.12606	—
(80%Emax) 16.14406	—
(90%Emax) 18.16206	—







Luminaire Lumens:

FL=106.45,FM=232.74,FH=140.22,FVH=16.32

BL=106.1,BM=227.63,BH=137.82,BVH=17.32

UL=0,UH=2.6

BUG Rating:B1-U1-G1

B7910-TBK/SBK

Intensity data(cd)

Appendix Page: 16 Total:22

C/γ(°)	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0
0.0	329.69	329.69	329.29	328.63	327.30	324.51	323.05	319.72	315.73
22.5	315.20	314.94	314.80	314.41	313.47	312.41	310.82	308.29	306.43
45.0	306.30	306.03	305.50	304.70	303.24	300.85	299.38	296.33	292.74
67.5	302.04	301.91	301.64	301.11	300.31	298.85	297.26	295.00	293.40
90.0	299.12	298.59	297.92	297.26	295.93	292.87	291.41	288.61	285.16
112.5	297.92	297.92	297.52	297.12	296.06	295.13	293.40	291.27	288.08
135.0	296.99	296.59	295.79	295.26	293.27	290.61	289.15	286.22	282.90
157.5	296.59	296.59	296.33	296.06	295.13	294.07	292.47	290.34	288.61
180.0	329.69	329.83	329.83	329.83	329.29	328.50	327.43	325.57	324.24
202.5	315.20	315.20	315.20	314.67	313.87	312.41	311.48	309.22	306.43
225.0	306.30	306.56	306.69	306.69	306.56	305.90	304.97	303.64	302.44
247.5	302.04	302.17	302.17	301.91	301.24	299.91	298.85	296.72	294.07
270.0	299.12	299.38	299.52	299.52	299.12	299.12	298.19	296.99	294.73
292.5	297.92	297.92	298.05	297.92	297.52	296.59	294.86	292.60	289.94
315.0	296.99	297.12	297.12	297.12	296.99	296.72	296.06	294.86	293.67
337.5	296.59	296.59	296.46	296.19	295.66	294.20	293.27	290.74	287.82
360.0	329.69	329.69	329.29	328.63	327.30	324.51	323.05	319.72	315.73
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	311.48	305.10	298.59	291.54	283.96	281.17	277.71	275.19	272.93
22.5	302.31	298.19	293.40	287.68	283.70	275.99	270.14	265.75	262.03
45.0	288.48	282.63	279.18	270.14	263.09	260.96	256.58	253.92	251.66
67.5	289.55	286.09	281.83	276.78	273.46	263.36	259.77	254.71	250.46
90.0	281.30	276.25	273.06	267.61	260.96	254.71	249.66	246.74	244.48
112.5	284.76	281.30	278.78	273.46	268.27	262.16	255.38	251.92	247.40
135.0	279.04	274.12	271.33	266.15	260.17	253.52	247.93	245.94	242.22
157.5	284.89	279.97	277.71	272.79	270.80	262.69	256.31	252.19	246.61
180.0	320.79	317.60	313.74	309.62	306.83	300.85	295.00	288.35	279.57
202.5	303.24	298.72	296.19	289.41	282.37	278.11	271.47	266.28	262.82
225.0	299.52	296.46	293.13	288.35	286.49	280.24	271.20	267.34	260.70
247.5	291.01	286.62	284.09	279.04	268.67	264.82	259.50	255.65	252.72
270.0	293.27	289.01	287.02	282.90	276.78	270.14	263.49	260.17	255.11
292.5	286.62	281.83	278.78	273.19	266.28	260.03	254.85	252.85	249.53
315.0	289.55	286.35	284.36	279.31	274.12	267.74	260.83	257.77	252.85
337.5	284.63	279.97	277.31	272.00	265.22	258.70	253.12	251.13	247.80
360.0	311.48	305.10	298.59	291.54	283.96	281.17	277.71	275.19	272.93
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	270.53	269.34	267.48	264.29	263.62	261.63	260.70	258.70	256.58
22.5	259.77	258.57	255.65	254.45	251.92	250.06	248.07	246.47	245.54
45.0	249.13	247.80	245.67	243.68	241.69	239.69	238.50	236.90	234.37
67.5	247.93	245.67	243.55	242.35	239.96	237.57	235.57	233.71	232.78
90.0	241.69	240.49	238.23	236.10	233.71	231.45	230.12	228.53	226.93
112.5	244.61	242.22	240.09	238.63	235.97	232.78	231.45	228.79	227.20
135.0	239.29	237.96	235.84	233.44	231.18	228.66	227.59	225.60	224.01
157.5	243.55	241.29	238.76	237.43	234.64	232.51	230.25	227.99	226.13
180.0	274.66	271.07	268.27	266.55	263.49	260.96	258.57	256.04	254.71
202.5	259.23	257.64	255.11	252.72	250.46	247.67	245.54	243.41	241.42
225.0	256.97	254.18	251.66	250.19	247.40	245.28	242.88	240.36	239.69
247.5	249.80	248.33	246.21	244.08	241.95	239.43	237.57	235.97	233.84
270.0	252.06	249.66	247.40	246.07	243.68	241.82	239.96	237.57	235.84
292.5	246.74	245.54	243.55	241.95	240.22	237.96	237.03	235.44	233.84
315.0	250.19	247.93	245.94	244.88	242.75	240.36	239.16	237.30	235.97
337.5	245.54	244.48	242.75	241.15	239.29	237.30	236.50	234.91	233.58
360.0	270.53	269.34	267.48	264.29	263.62	261.63	260.70	258.70	256.58

Intensity data(cd)

C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	255.65	254.05	252.19	250.73	248.87	247.67	246.07	244.48	242.75
22.5	243.41	241.95	240.36	238.63	236.50	234.77	233.18	232.25	230.25
45.0	233.44	231.85	229.99	228.26	226.40	225.33	223.74	222.14	220.42
67.5	230.79	228.13	227.33	225.07	223.47	221.88	220.02	219.09	217.09
90.0	225.07	223.07	222.01	219.62	217.62	216.43	214.83	213.24	211.51
112.5	225.33	223.87	222.81	220.68	219.09	217.36	215.63	213.64	211.77
135.0	222.54	220.42	218.82	217.23	215.10	214.17	212.44	210.58	208.98
157.5	224.40	222.81	221.88	219.75	218.29	216.43	214.83	213.90	211.77
180.0	252.06	250.19	248.20	245.94	244.08	242.22	240.49	239.29	236.90
202.5	240.36	238.50	236.77	234.91	232.91	231.85	229.99	228.26	226.13
225.0	237.43	234.77	233.84	231.85	229.99	228.13	226.40	225.33	223.34
247.5	232.91	231.18	229.32	227.73	225.60	224.67	223.07	221.48	219.75
270.0	234.11	232.51	231.58	229.59	227.99	226.40	224.67	223.87	221.48
292.5	232.51	230.39	229.46	227.99	225.47	224.67	223.21	221.88	220.28
315.0	234.37	233.05	232.25	230.39	228.79	227.33	225.73	224.94	222.81
337.5	232.25	230.25	228.92	227.46	225.60	224.67	223.47	221.88	220.42
360.0	255.65	254.05	252.19	250.73	248.87	247.67	246.07	244.48	242.75
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	241.02	239.96	237.43	235.31	234.11	232.38	230.39	228.39	226.00
22.5	228.66	227.06	225.20	224.27	222.28	220.28	218.55	216.29	214.43
45.0	218.55	216.69	215.10	214.03	211.77	210.05	208.19	206.32	204.06
67.5	215.50	213.90	212.04	211.11	209.12	206.59	205.53	203.27	201.41
90.0	209.51	208.45	206.72	205.13	203.40	201.14	199.41	197.42	195.16
112.5	210.18	209.25	206.99	205.53	203.80	201.94	200.87	198.75	196.89
135.0	206.86	205.93	204.20	202.34	200.61	198.61	197.42	194.89	192.50
157.5	209.38	208.32	206.19	205.66	202.73	201.14	199.94	197.82	195.95
180.0	234.91	233.18	231.32	229.99	227.86	225.07	223.87	221.61	219.49
202.5	224.40	222.68	220.81	218.69	217.62	215.76	213.90	211.91	209.51
225.0	221.75	219.88	218.29	216.16	214.57	212.84	211.51	209.51	207.39
247.5	217.89	216.96	215.36	212.71	211.51	209.91	208.05	206.19	204.06
270.0	219.75	218.95	217.36	215.50	213.90	212.31	211.24	209.25	207.39
292.5	218.55	217.62	216.03	214.57	212.97	210.71	209.91	207.39	205.26
315.0	221.21	220.42	218.69	217.23	215.63	214.17	213.10	211.11	209.51
337.5	218.82	217.89	216.29	214.83	213.37	211.24	210.31	207.92	205.79
360.0	241.02	239.96	237.43	235.31	234.11	232.38	230.39	228.39	226.00
C/γ(°)	45.0	46.0	47.0	48.0	49.0	50.0	51.0	52.0	53.0
0.0	224.67	222.68	220.55	217.89	215.63	214.30	210.84	208.19	206.59
22.5	213.24	210.31	209.12	206.59	204.46	202.34	200.21	198.88	196.09
45.0	202.73	200.74	198.75	196.62	194.09	192.76	190.50	187.05	185.72
67.5	199.54	197.55	196.35	193.83	191.83	189.84	187.71	186.38	183.72
90.0	193.83	191.97	189.97	187.98	185.45	184.12	182.00	179.87	177.74
112.5	195.02	193.03	191.83	189.57	186.78	185.45	182.93	180.93	178.67
135.0	191.30	189.31	187.45	185.45	182.93	181.60	179.47	177.34	175.22
157.5	194.23	192.23	191.04	188.64	186.65	184.52	182.13	180.00	177.87
180.0	217.36	215.36	214.03	211.38	209.25	206.99	204.73	203.40	200.47
202.5	208.32	206.32	204.33	202.07	199.54	197.42	195.16	192.37	190.90
225.0	205.79	203.80	202.47	200.21	197.95	196.09	193.83	192.63	189.97
247.5	202.87	200.87	199.01	196.89	194.49	192.37	190.24	187.45	186.65
270.0	205.66	203.93	202.60	200.34	198.35	196.35	193.83	191.83	189.84
292.5	204.60	202.34	200.47	198.61	196.09	194.89	192.63	190.64	188.38
315.0	207.79	205.93	204.86	202.47	199.94	198.75	196.49	194.36	192.23
337.5	204.73	202.73	200.87	199.15	196.75	195.56	193.30	191.30	189.04
360.0	224.67	222.68	220.55	217.89	215.63	214.30	210.84	208.19	206.59

Intensity data(cd)

C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	204.20	201.67	199.28	196.22	194.63	191.97	189.31	186.52	182.93
22.5	193.69	191.43	189.04	186.25	183.72	181.46	179.87	176.94	174.29
45.0	183.46	181.20	178.81	176.15	174.68	172.29	169.77	167.24	163.92
67.5	181.73	179.47	176.81	174.42	172.29	170.03	168.57	165.64	163.25
90.0	175.08	173.75	170.70	168.04	166.44	164.31	161.79	159.26	156.07
112.5	176.55	175.22	172.69	170.43	168.17	166.04	164.58	160.86	158.33
135.0	172.69	171.49	168.17	165.51	164.18	161.92	159.40	156.87	153.81
157.5	175.61	174.42	171.89	169.50	167.37	165.11	163.78	160.99	158.60
180.0	198.08	195.69	192.76	190.37	187.98	185.45	183.86	180.93	178.27
202.5	188.64	186.38	184.12	181.33	179.87	177.34	173.35	172.42	169.10
225.0	186.78	185.45	182.79	180.53	178.27	175.88	174.55	171.63	169.10
247.5	183.86	181.73	179.47	176.81	175.22	172.96	170.56	168.04	164.85
270.0	187.58	186.25	183.46	181.20	179.07	176.81	175.35	172.69	169.10
292.5	185.72	184.26	182.13	180.00	177.34	174.82	172.56	169.90	166.84
315.0	190.11	188.78	186.25	183.86	181.73	179.47	178.14	174.29	171.89
337.5	186.52	185.19	182.13	179.47	178.01	175.48	173.22	170.83	167.90
360.0	204.20	201.67	199.28	196.22	194.63	191.97	189.31	186.52	182.93
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	179.87	176.81	172.96	170.83	167.51	164.05	160.59	156.21	153.95
22.5	171.63	168.70	166.97	163.38	160.19	157.00	153.41	151.95	147.96
45.0	160.99	158.20	154.74	153.01	149.82	146.63	143.31	139.59	137.46
67.5	160.59	157.93	156.21	151.55	148.76	146.90	143.31	140.25	136.93
90.0	154.48	151.69	148.89	145.84	142.25	139.32	136.13	132.41	130.42
112.5	156.74	153.68	150.89	147.96	145.17	143.31	139.85	136.80	133.61
135.0	152.22	149.43	146.50	143.58	140.12	136.93	133.87	130.15	128.16
157.5	155.94	152.75	150.09	147.17	144.37	142.51	138.92	136.00	132.68
180.0	175.48	172.69	170.96	166.04	162.99	160.99	157.14	153.81	150.36
202.5	167.51	163.52	159.93	158.20	155.01	151.69	148.63	144.64	142.51
225.0	166.44	163.92	162.32	157.80	154.74	153.01	149.29	146.10	142.91
247.5	163.25	160.46	155.81	154.21	151.15	147.96	145.04	141.05	139.06
270.0	167.51	164.45	161.66	158.86	155.81	154.21	150.62	147.56	144.51
292.5	165.25	162.59	159.79	156.74	153.28	151.29	146.90	143.18	141.18
315.0	170.43	167.37	164.71	161.79	159.00	157.14	153.68	150.62	147.30
337.5	166.18	163.52	160.73	157.93	154.34	151.29	148.10	144.51	142.38
360.0	179.87	176.81	172.96	170.83	167.51	164.05	160.59	156.21	153.95
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	148.63	141.32	130.15	119.12	112.34	96.12	82.69	76.18	65.54
22.5	143.18	140.65	133.74	126.29	116.72	106.09	99.84	87.08	76.71
45.0	132.81	126.69	118.72	107.15	101.04	90.53	74.05	68.07	58.36
67.5	133.74	131.61	125.63	119.12	110.61	100.90	94.79	82.69	68.86
90.0	126.29	120.44	113.53	102.90	96.78	86.81	76.71	65.14	55.70
112.5	130.42	128.42	123.64	115.26	110.74	99.97	90.13	80.30	70.33
135.0	124.70	119.38	112.87	102.90	97.18	87.21	77.24	67.67	56.50
157.5	129.35	127.62	123.10	114.99	110.61	100.10	90.53	80.83	71.12
180.0	146.77	144.77	140.52	136.40	130.28	122.70	117.25	105.02	90.27
202.5	139.06	135.60	130.68	122.70	114.06	104.23	92.00	85.75	75.78
225.0	139.72	137.59	133.74	129.48	123.64	114.73	111.14	99.97	86.01
247.5	135.87	132.01	126.69	118.32	113.13	99.97	88.01	82.16	72.59
270.0	141.05	139.06	135.33	130.55	124.30	114.73	105.42	95.72	85.88
292.5	137.86	133.47	127.49	118.18	112.60	102.76	92.53	82.69	70.99
315.0	144.24	142.25	138.13	133.34	126.83	116.59	106.75	96.65	86.54
337.5	139.06	134.54	128.29	118.45	112.87	102.50	92.13	82.02	70.19
360.0	148.63	141.32	130.15	119.12	112.34	96.12	82.69	76.18	65.54

Intensity data(cd)

Appendix Page: 19 Total:22

C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	55.30	45.60	34.70	29.51	21.67	14.22	7.98	2.13	0.13
22.5	66.47	56.63	45.47	36.82	28.58	15.16	9.04	9.04	4.12
45.0	49.19	40.28	30.31	25.66	18.21	11.83	6.12	1.20	0.13
67.5	63.01	51.71	42.81	34.56	26.59	13.83	7.98	7.98	3.32
90.0	46.66	37.89	28.18	23.66	16.62	10.24	5.05	0.53	0.13
112.5	64.61	53.31	35.89	35.89	18.88	14.76	6.51	6.51	3.99
135.0	50.92	38.55	28.72	24.20	17.15	10.64	5.18	0.66	0.13
157.5	65.27	54.11	45.20	36.82	28.72	24.06	15.42	9.31	4.39
180.0	83.75	70.99	60.75	51.05	41.61	25.92	18.08	11.03	11.03
202.5	65.67	55.70	44.54	39.22	30.71	18.08	15.16	7.71	2.92
225.0	80.16	68.20	58.89	49.72	40.95	26.06	18.08	12.10	12.10
247.5	63.01	53.71	42.94	37.89	29.91	22.20	15.16	7.84	3.19
270.0	80.16	68.33	59.03	49.99	41.34	26.85	16.88	13.03	13.03
292.5	65.27	55.84	46.80	36.69	28.85	21.54	14.62	7.71	4.79
315.0	80.43	68.46	59.03	49.99	41.34	31.51	16.88	13.16	13.16
337.5	64.48	51.18	40.81	35.89	28.18	20.87	13.96	7.18	4.39
360.0	55.30	45.60	34.70	29.51	21.67	14.22	7.98	2.13	0.13
C/γ(°)	90.0	91.0	92.0	93.0	94.0	95.0	96.0	97.0	98.0
0.0	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13
22.5	0.66	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13
45.0	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13
67.5	0.27	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13
90.0	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13
112.5	0.27	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13
135.0	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13
157.5	0.40	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13
180.0	5.32	2.66	0.13	0.13	0.13	0.13	0.13	0.13	0.13
202.5	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13
225.0	6.25	1.20	0.13	0.13	0.13	0.13	0.13	0.13	0.13
247.5	0.27	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13
270.0	6.25	1.99	0.13	0.13	0.13	0.13	0.13	0.13	0.13
292.5	0.93	0.13	0.00	0.13	0.13	0.13	0.13	0.13	0.13
315.0	6.38	1.99	0.13	0.13	0.00	0.13	0.13	0.13	0.13
337.5	0.80	0.13	0.00	0.13	0.13	0.13	0.13	0.13	0.13
360.0	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13
C/γ(°)	99.0	100.0	101.0	102.0	103.0	104.0	105.0	106.0	107.0
0.0	0.13	0.13	0.13	0.13	0.27	0.27	0.27	0.27	0.27
22.5	0.13	0.13	0.13	0.13	0.27	0.27	0.27	0.27	0.27
45.0	0.13	0.13	0.13	0.27	0.13	0.13	0.27	0.27	0.27
67.5	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.27
90.0	0.13	0.13	0.13	0.13	0.27	0.27	0.27	0.27	0.27
112.5	0.13	0.13	0.13	0.13	0.13	0.27	0.27	0.27	0.13
135.0	0.27	0.13	0.13	0.13	0.13	0.13	0.27	0.27	0.27
157.5	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.27	0.27
180.0	0.13	0.13	0.27	0.27	0.27	0.27	0.27	0.27	0.27
202.5	0.13	0.13	0.13	0.27	0.13	0.13	0.27	0.27	0.27
225.0	0.13	0.13	0.13	0.13	0.13	0.27	0.13	0.13	0.27
247.5	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13
270.0	0.13	0.13	0.13	0.13	0.13	0.27	0.13	0.13	0.27
292.5	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.27	0.13
315.0	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.27
337.5	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13
360.0	0.13	0.13	0.13	0.13	0.27	0.27	0.27	0.27	0.27

Intensity data(cd)

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C/γ(°)	108.0	109.0	110.0	111.0	112.0	113.0	114.0	115.0	116.0
0.0	0.27	0.27	0.27	0.27	0.40	0.40	0.40	0.40	0.40
22.5	0.27	0.27	0.27	0.27	0.27	0.40	0.27	0.27	0.40
45.0	0.27	0.27	0.27	0.27	0.40	0.27	0.27	0.40	0.40
67.5	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.40
90.0	0.27	0.27	0.27	0.27	0.27	0.40	0.40	0.40	0.40
112.5	0.27	0.27	0.27	0.27	0.27	0.27	0.40	0.40	0.27
135.0	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.40
157.5	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.40	0.27
180.0	0.27	0.27	0.27	0.27	0.40	0.27	0.27	0.40	0.40
202.5	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.40	0.40
225.0	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27
247.5	0.13	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27
270.0	0.27	0.27	0.27	0.13	0.27	0.27	0.27	0.27	0.27
292.5	0.13	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27
315.0	0.27	0.13	0.27	0.27	0.27	0.27	0.27	0.27	0.27
337.5	0.13	0.13	0.27	0.13	0.27	0.27	0.27	0.27	0.27
360.0	0.27	0.27	0.27	0.27	0.40	0.40	0.40	0.40	0.40
C/γ(°)	117.0	118.0	119.0	120.0	121.0	122.0	123.0	124.0	125.0
0.0	0.40	0.40	0.53	0.53	0.53	0.53	0.53	0.53	0.53
22.5	0.40	0.40	0.40	0.40	0.40	0.40	0.53	0.53	0.53
45.0	0.40	0.40	0.40	0.40	0.40	0.53	0.53	0.53	0.53
67.5	0.27	0.40	0.40	0.40	0.40	0.40	0.53	0.53	0.53
90.0	0.40	0.40	0.40	0.40	0.53	0.40	0.53	0.53	0.53
112.5	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.53	0.53
135.0	0.40	0.40	0.40	0.40	0.53	0.40	0.40	0.40	0.53
157.5	0.40	0.40	0.40	0.40	0.40	0.40	0.53	0.40	0.53
180.0	0.40	0.40	0.40	0.40	0.40	0.53	0.53	0.53	0.53
202.5	0.40	0.40	0.40	0.40	0.40	0.53	0.53	0.53	0.53
225.0	0.27	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.53
247.5	0.27	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
270.0	0.40	0.40	0.27	0.27	0.40	0.40	0.40	0.40	0.40
292.5	0.27	0.40	0.27	0.40	0.40	0.40	0.40	0.40	0.40
315.0	0.27	0.27	0.27	0.27	0.40	0.40	0.40	0.40	0.40
337.5	0.27	0.27	0.27	0.40	0.27	0.40	0.40	0.40	0.40
360.0	0.40	0.40	0.53	0.53	0.53	0.53	0.53	0.53	0.53
C/γ(°)	126.0	127.0	128.0	129.0	130.0	131.0	132.0	133.0	134.0
0.0	0.53	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66
22.5	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.66	0.66
45.0	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.66
67.5	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53
90.0	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.66
112.5	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53
135.0	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53
157.5	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53
180.0	0.53	0.53	0.53	0.53	0.53	0.53	0.66	0.66	0.66
202.5	0.53	0.53	0.53	0.66	0.53	0.66	0.66	0.66	0.66
225.0	0.53	0.40	0.53	0.53	0.53	0.53	0.53	0.53	0.53
247.5	0.40	0.40	0.53	0.53	0.53	0.53	0.53	0.53	0.53
270.0	0.40	0.40	0.40	0.53	0.53	0.53	0.40	0.53	0.53
292.5	0.40	0.40	0.40	0.40	0.40	0.53	0.53	0.53	0.53
315.0	0.40	0.40	0.40	0.53	0.53	0.40	0.53	0.53	0.53
337.5	0.40	0.40	0.40	0.53	0.53	0.53	0.53	0.53	0.53
360.0	0.53	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66

Intensity data(cd)

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C/γ(°)	135.0	136.0	137.0	138.0	139.0	140.0	141.0	142.0	143.0
0.0	0.66	0.66	0.80	0.80	0.80	0.80	0.80	0.80	0.80
22.5	0.53	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.80
45.0	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66
67.5	0.53	0.66	0.53	0.66	0.66	0.53	0.66	0.66	0.66
90.0	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.80
112.5	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66
135.0	0.53	0.66	0.53	0.66	0.66	0.66	0.66	0.66	0.66
157.5	0.53	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66
180.0	0.66	0.66	0.66	0.80	0.80	0.80	0.66	0.80	0.80
202.5	0.66	0.66	0.66	0.66	0.66	0.80	0.80	0.80	0.80
225.0	0.53	0.66	0.53	0.66	0.66	0.66	0.66	0.66	0.66
247.5	0.53	0.53	0.66	0.66	0.66	0.66	0.66	0.66	0.66
270.0	0.53	0.53	0.53	0.53	0.53	0.66	0.66	0.66	0.66
292.5	0.53	0.53	0.53	0.53	0.66	0.66	0.66	0.66	0.66
315.0	0.53	0.53	0.53	0.53	0.66	0.53	0.66	0.66	0.66
337.5	0.53	0.53	0.53	0.53	0.53	0.53	0.66	0.66	0.66
360.0	0.66	0.66	0.80	0.80	0.80	0.80	0.80	0.80	0.80
C/γ(°)	144.0	145.0	146.0	147.0	148.0	149.0	150.0	151.0	152.0
0.0	0.93	0.80	0.93	0.80	0.93	0.93	0.93	0.93	0.93
22.5	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
45.0	0.66	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
67.5	0.66	0.80	0.66	0.66	0.66	0.80	0.80	0.66	0.80
90.0	0.66	0.66	0.66	0.80	0.80	0.80	0.80	0.80	0.80
112.5	0.66	0.66	0.80	0.66	0.80	0.66	0.80	0.80	0.80
135.0	0.66	0.66	0.80	0.80	0.80	0.93	0.80	0.80	0.80
157.5	0.66	0.66	0.66	0.80	0.66	0.66	0.80	0.80	0.80
180.0	0.80	0.80	0.80	0.93	0.93	0.80	0.80	0.93	0.93
202.5	0.80	0.80	0.80	0.80	0.80	0.80	0.93	0.80	0.93
225.0	0.66	0.66	0.66	0.66	0.66	0.80	0.80	0.66	0.80
247.5	0.66	0.66	0.66	0.80	0.80	0.80	0.80	0.80	0.80
270.0	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66
292.5	0.66	0.66	0.66	0.66	0.66	0.66	0.53	0.80	0.80
315.0	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66
337.5	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66
360.0	0.93	0.80	0.93	0.80	0.93	0.93	0.93	0.93	0.93
C/γ(°)	153.0	154.0	155.0	156.0	157.0	158.0	159.0	160.0	161.0
0.0	0.93	1.06	0.93	1.06	1.06	1.06	1.06	1.06	1.06
22.5	0.80	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
45.0	0.93	0.93	0.93	0.93	0.80	0.80	0.93	0.93	0.93
67.5	0.80	0.80	0.80	0.80	0.93	0.80	0.93	0.93	0.93
90.0	0.80	0.80	0.80	0.93	0.80	0.80	0.80	0.80	0.93
112.5	0.80	0.80	0.80	0.80	0.80	0.93	0.80	0.93	0.80
135.0	0.80	0.80	0.80	0.80	0.80	0.80	0.93	0.93	0.93
157.5	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
180.0	0.93	0.93	0.93	0.93	0.93	0.93	0.93	1.06	1.06
202.5	0.80	0.93	0.93	0.93	0.93	0.93	0.93	1.06	0.93
225.0	0.80	0.80	0.80	0.80	0.93	0.80	0.93	0.93	0.93
247.5	0.80	0.80	0.80	0.80	0.80	0.93	0.93	0.93	0.93
270.0	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
292.5	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
315.0	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.93
337.5	0.80	0.80	0.80	0.80	0.80	0.80	0.93	0.93	0.93
360.0	0.93	1.06	0.93	1.06	1.06	1.06	1.06	1.06	1.06

Intensity data(cd)

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C/ γ (°)	162.0	163.0	164.0	165.0	166.0	167.0	168.0	169.0	170.0
0.0	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06
22.5	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
45.0	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
67.5	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
90.0	0.93	0.80	0.93	0.80	0.93	0.80	0.80	0.93	0.93
112.5	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
135.0	0.93	0.93	0.93	0.93	0.93	0.80	0.93	0.93	0.93
157.5	0.93	0.93	0.93	0.80	0.93	0.93	0.93	0.93	0.93
180.0	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06
202.5	1.06	0.93	1.06	0.93	1.06	1.06	1.06	1.06	1.06
225.0	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
247.5	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
270.0	0.80	0.80	0.80	0.80	0.93	0.93	0.93	0.93	0.93
292.5	0.80	0.93	0.80	0.93	0.93	0.93	0.93	0.93	0.93
315.0	0.93	0.80	0.80	0.80	0.80	0.93	0.93	0.93	0.93
337.5	0.93	0.93	0.80	0.93	0.93	0.80	0.93	0.80	0.93
360.0	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06
C/ γ (°)	171.0	172.0	173.0	174.0	175.0	176.0	177.0	178.0	179.0
0.0	1.06	1.06	1.06	1.20	1.20	1.20	1.20	1.20	1.20
22.5	0.93	0.93	0.93	0.93	1.06	1.06	1.06	1.06	1.06
45.0	1.06	1.06	0.93	0.93	1.06	1.06	1.06	1.06	1.06
67.5	0.93	0.93	0.93	0.93	0.93	1.06	0.93	0.93	0.93
90.0	0.93	0.93	0.93	0.93	0.93	0.93	0.93	1.06	1.06
112.5	0.93	0.93	0.93	0.93	0.93	0.93	0.93	1.06	1.06
135.0	0.93	0.93	0.93	0.93	0.93	1.06	0.93	0.93	1.06
157.5	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
180.0	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06
202.5	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06
225.0	0.93	0.93	0.93	1.06	0.93	0.93	0.93	1.06	1.06
247.5	0.93	0.93	0.93	0.93	0.93	1.06	1.06	1.06	1.06
270.0	0.93	0.93	0.93	0.93	0.93	0.93	1.06	0.93	0.93
292.5	0.93	1.06	1.06	0.93	1.06	0.93	1.06	0.93	1.06
315.0	0.93	0.93	0.93	1.06	0.93	0.93	0.93	1.06	0.93
337.5	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
360.0	1.06	1.06	1.06	1.20	1.20	1.20	1.20	1.20	1.20
C/ γ (°)	180.0								
0.0	1.20								
22.5	1.06								
45.0	1.06								
67.5	0.93								
90.0	0.93								
112.5	1.06								
135.0	0.93								
157.5	0.93								
180.0	1.20								
202.5	1.06								
225.0	1.06								
247.5	0.93								
270.0	0.93								
292.5	1.06								
315.0	0.93								
337.5	0.93								
360.0	1.20								