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NT

Client:

LumCAT: 1-1489-L

Luminaire: 92.70.427.00

Report No: 2024923-B014

Ballast type:

Test No: 2024923-C014

LampCAT: CITIZEN CLU028 LES9.8

Lamp flux(lm): 1715.0

Number of Lamps: 1

Length(mm): 0

Phm Type: C

Voltage(V):

Current(A):

Power (W): 13.064

PF:

Width(mm): 0

Height(mm): 0

Photometric Results

Lumens(lm): 1390.03, Efficiency(%): 81.05% , Luminous Efficacy(lm/W): 106.40

Central intensity(cd): 5341.846, Maximum intensity(cd): 5341.846

Angle of maximum intensity: C=0.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=23.8

[C90/270]Total=23.8

Field angle(10%Imax): [C0/180]Total=54.4

[C90/270]Total=54.4

Maximum s/h(1/2): C0_180=0.40 C90_270=0.40

Maximum s/h(1/4): C0_180=0.42 C90_270=0.42

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 81.05%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 97.854%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	5341.846	0.000	0	0.00%	0.00%
1.0	5307.976	5.096	5.096	0.30%	0.37%
2.0	5229.337	15.124	20.22	0.88%	1.45%
3.0	5097.735	24.699	44.919	1.44%	3.23%
4.0	4919.167	33.530	78.449	1.96%	5.64%
5.0	4668.984	41.248	119.696	2.41%	8.61%
6.0	4432.699	47.832	167.528	2.79%	12.05%
7.0	4169.567	53.394	220.922	3.11%	15.89%
8.0	3863.568	57.492	278.414	3.35%	20.03%
9.0	3569.419	60.240	338.654	3.51%	24.36%
10.0	3244.839	61.667	400.321	3.60%	28.80%
11.0	2955.664	61.956	462.276	3.61%	33.26%
12.0	2652.518	61.305	523.582	3.57%	37.67%
13.0	2357.272	59.454	583.035	3.47%	41.94%
14.0	2113.964	57.231	640.267	3.34%	46.06%
15.0	1878.704	54.813	695.08	3.20%	50.00%
16.0	1650.291	51.710	746.79	3.02%	53.72%
17.0	1425.981	47.906	794.696	2.79%	57.17%
18.0	1293.969	44.846	839.542	2.61%	60.40%
19.0	1186.134	43.149	882.69	2.52%	63.50%
20.0	1087.743	41.618	924.309	2.43%	66.50%
21.0	985.738	39.815	964.124	2.32%	69.36%
22.0	907.881	38.053	1002.177	2.22%	72.10%
23.0	839.359	36.662	1038.838	2.14%	74.74%
24.0	771.978	35.230	1074.068	2.05%	77.27%
25.0	693.792	33.328	1107.396	1.94%	79.67%
26.0	617.317	30.949	1138.345	1.80%	81.89%
27.0	547.368	28.494	1166.84	1.66%	83.94%
28.0	473.535	25.847	1192.687	1.51%	85.80%
29.0	401.399	22.891	1215.577	1.33%	87.45%
30.0	328.355	19.703	1235.281	1.15%	88.87%
31.0	273.512	16.749	1252.03	0.98%	90.07%
32.0	237.594	14.643	1266.672	0.85%	91.13%
33.0	182.751	12.384	1279.056	0.72%	92.02%
34.0	126.643	9.363	1288.419	0.55%	92.69%
35.0	103.007	7.132	1295.551	0.42%	93.20%
36.0	87.008	6.050	1301.601	0.35%	93.64%
37.0	76.152	5.321	1306.923	0.31%	94.02%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	66.269	4.754	1311.676	0.28%	94.36%
39.0	58.939	4.274	1315.95	0.25%	94.67%
40.0	52.685	3.893	1319.843	0.23%	94.95%
41.0	47.118	3.554	1323.397	0.21%	95.21%
42.0	42.136	3.243	1326.64	0.19%	95.44%
43.0	37.974	2.968	1329.607	0.17%	95.65%
44.0	34.411	2.732	1332.339	0.16%	95.85%
45.0	31.244	2.523	1334.863	0.15%	96.03%
46.0	28.354	2.331	1337.193	0.14%	96.20%
47.0	25.977	2.161	1339.354	0.13%	96.35%
48.0	24.067	2.023	1341.377	0.12%	96.50%
49.0	22.443	1.910	1343.287	0.11%	96.64%
50.0	20.819	1.804	1345.091	0.11%	96.77%
51.0	19.671	1.713	1346.804	0.10%	96.89%
52.0	18.625	1.643	1348.447	0.10%	97.01%
53.0	17.820	1.585	1350.033	0.09%	97.12%
54.0	17.111	1.540	1351.572	0.09%	97.23%
55.0	16.452	1.498	1353.07	0.09%	97.34%
56.0	16.006	1.467	1354.537	0.09%	97.45%
57.0	15.574	1.444	1355.981	0.08%	97.55%
58.0	15.187	1.422	1357.404	0.08%	97.65%
59.0	14.879	1.406	1358.809	0.08%	97.75%
60.0	14.594	1.392	1360.202	0.08%	97.85%
61.0	14.294	1.379	1361.58	0.08%	97.95%
62.0	13.980	1.362	1362.943	0.08%	98.05%
63.0	13.606	1.342	1364.284	0.08%	98.15%
64.0	13.190	1.315	1365.599	0.08%	98.24%
65.0	12.773	1.285	1366.884	0.07%	98.34%
66.0	12.312	1.252	1368.136	0.07%	98.43%
67.0	11.814	1.213	1369.349	0.07%	98.51%
68.0	11.397	1.176	1370.524	0.07%	98.60%
69.0	10.980	1.142	1371.666	0.07%	98.68%
70.0	10.622	1.109	1372.776	0.06%	98.76%
71.0	10.249	1.079	1373.854	0.06%	98.84%
72.0	9.905	1.048	1374.902	0.06%	98.91%
73.0	9.612	1.021	1375.923	0.06%	98.99%
74.0	9.327	0.996	1376.918	0.06%	99.06%
75.0	9.049	0.971	1377.889	0.06%	99.13%

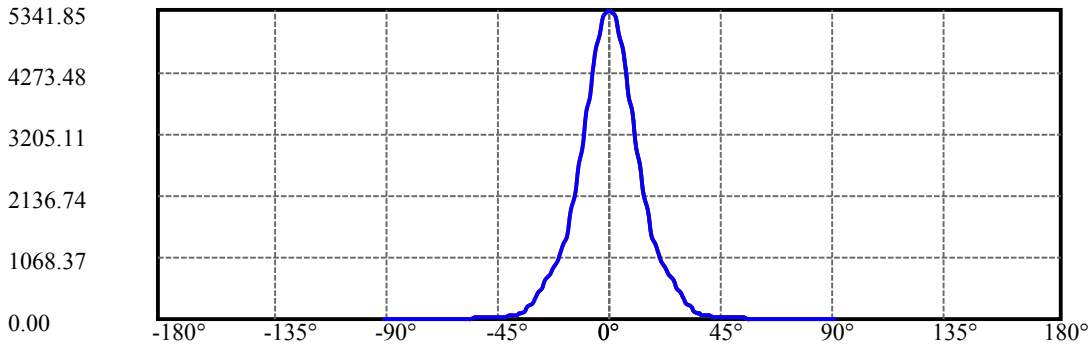
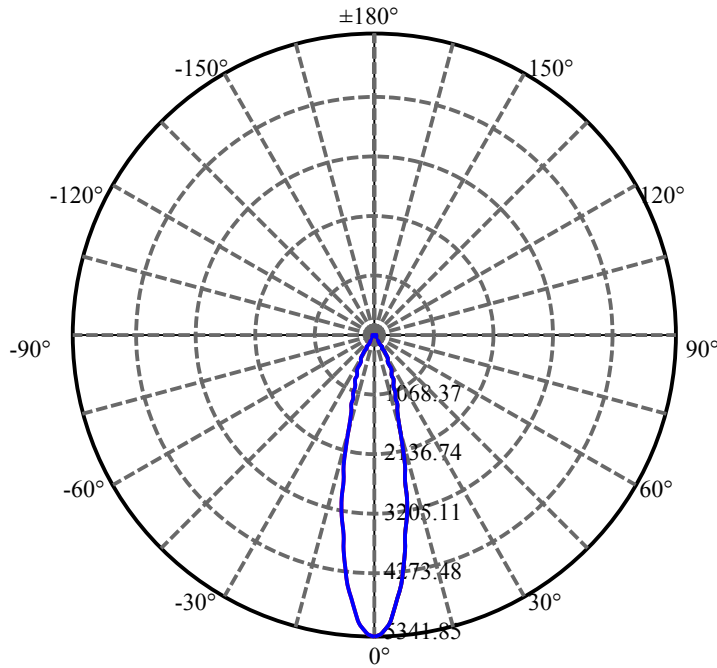
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	8.771	0.946	1378.835	0.06%	99.19%
77.0	8.566	0.924	1379.76	0.05%	99.26%
78.0	8.339	0.905	1380.665	0.05%	99.33%
79.0	8.113	0.884	1381.549	0.05%	99.39%
80.0	7.879	0.862	1382.411	0.05%	99.45%
81.0	7.696	0.842	1383.253	0.05%	99.51%
82.0	7.498	0.824	1384.077	0.05%	99.57%
83.0	7.323	0.806	1384.883	0.05%	99.63%
84.0	7.132	0.787	1385.67	0.05%	99.69%
85.0	6.957	0.769	1386.439	0.04%	99.74%
86.0	6.781	0.751	1387.19	0.04%	99.80%
87.0	6.628	0.734	1387.924	0.04%	99.85%
88.0	6.474	0.718	1388.642	0.04%	99.90%
89.0	6.298	0.700	1389.342	0.04%	99.95%
90.0	6.189	0.685	1390.026	0.04%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	1235.28	72.03%	88.87%
0-40	1319.84	76.96%	94.95%
0-60	1360.20	79.31%	97.85%
0-90	1389.34	81.01%	99.95%
0-120	1389.34	81.01%	99.95%
0-180	1390.03	81.05%	100.00%
60-90	29.14	1.70%	2.10%
90-120	0.00	0.00%	0.00%
90-130	0.00	0.00%	0.00%
90-150	0.00	0.00%	0.00%
90-180	0.00	0.00%	0.00%
0-25.15	1112.02	64.84%	80.00%

ZONAL LUMEN SUMMARY

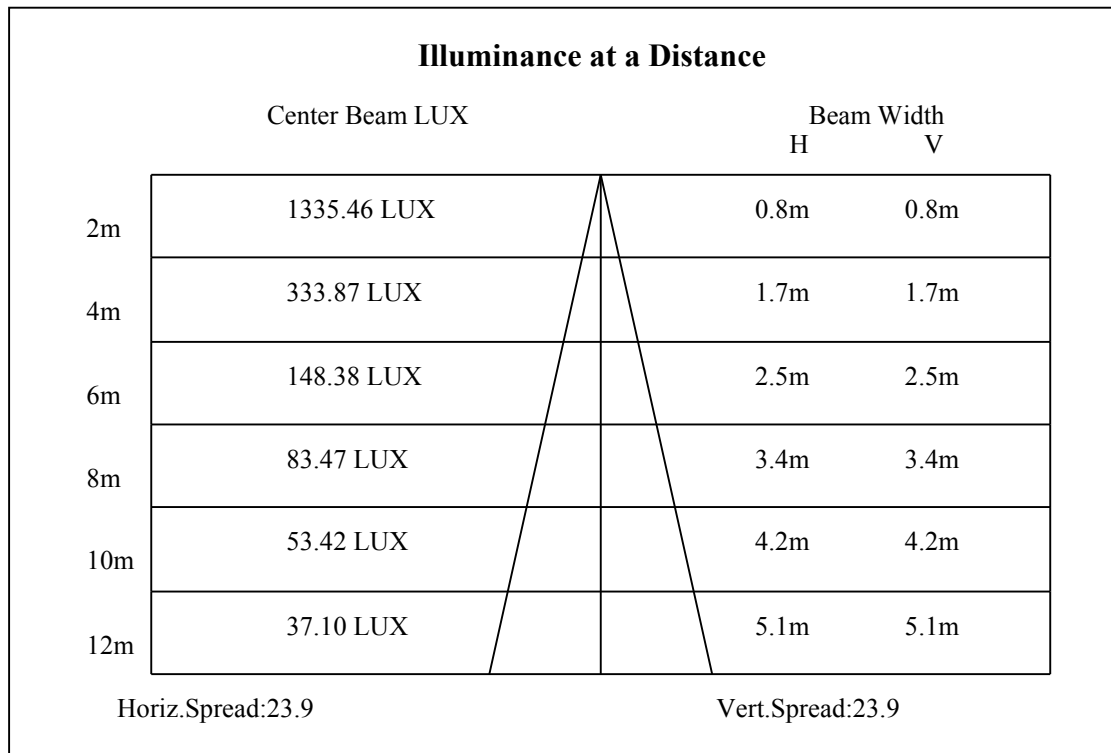
0-10	400.32
10-20	523.99
20-30	310.97
30-40	84.56
40-50	25.25
50-60	15.11
60-70	12.57
70-80	9.64
80-90	6.93
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

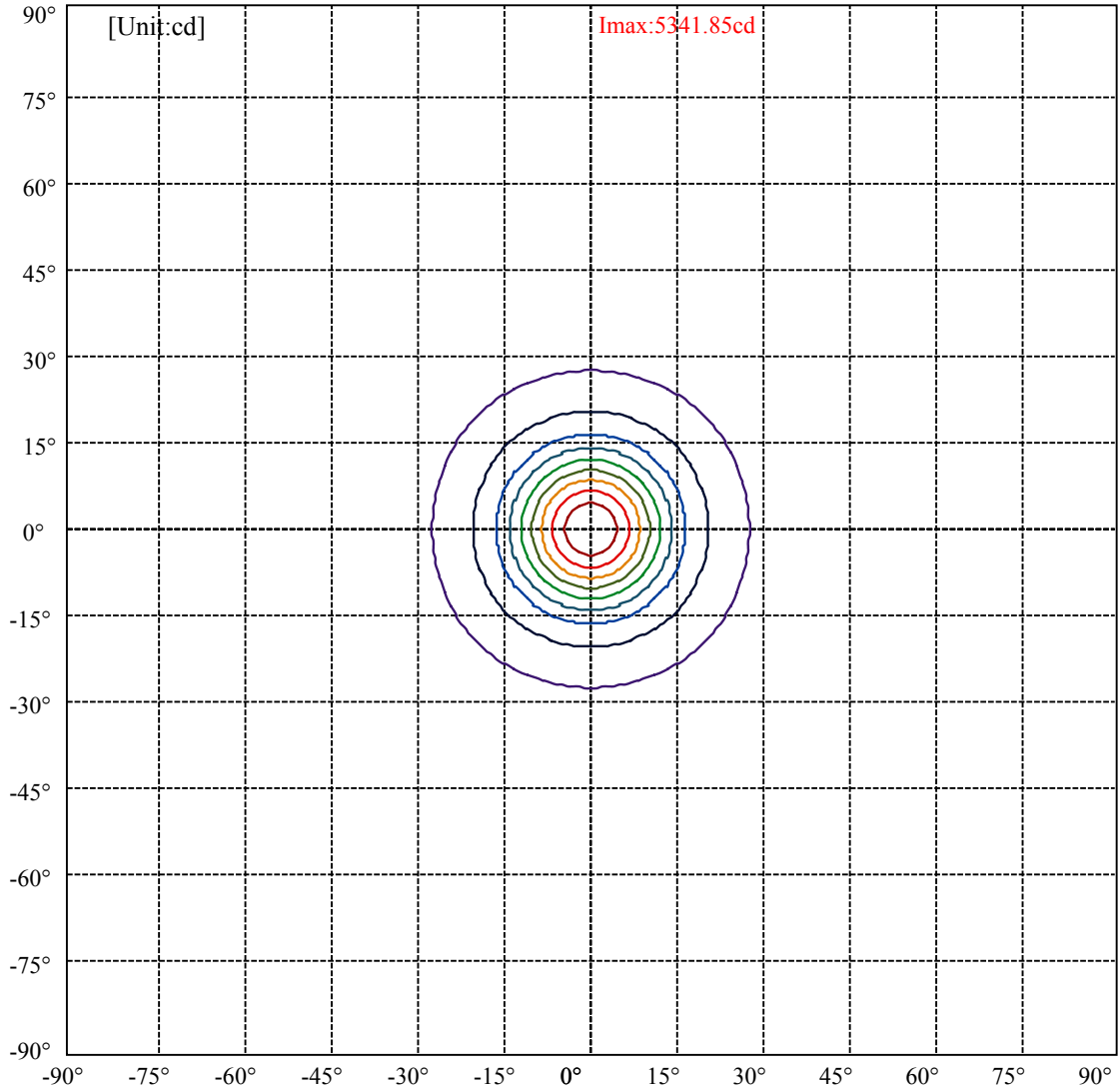


C0(Max): —————
C0/C180: —————
C90/C270: —————

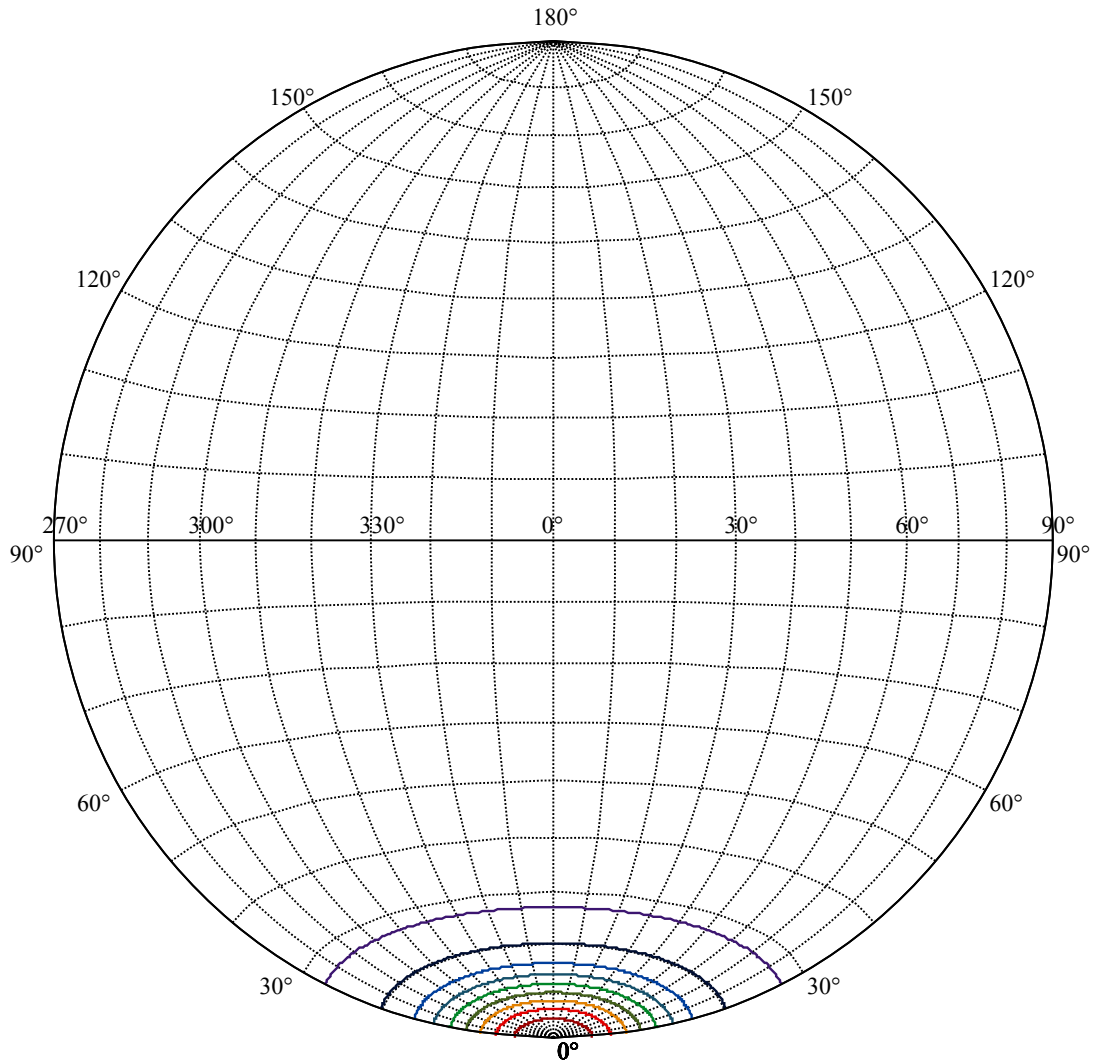
Field angle(10%Imax):C0/180Left:27.2 Right:27.2
:C90/270Left:27.2 Right:27.2

Beam Angle(50%Imax):C0/180Left:11.9 Right:11.9
:C90/270Left:11.9 Right:11.9





(10%Imax) 534.185	—
(20%Imax) 1068.37	—
(30%Imax) 1602.55	—
(40%Imax) 2136.74	—
(50%Imax) 2670.92	—
(60%Imax) 3205.11	—
(70%Imax) 3739.29	—
(80%Imax) 4273.48	—
(90%Imax) 4807.66	—



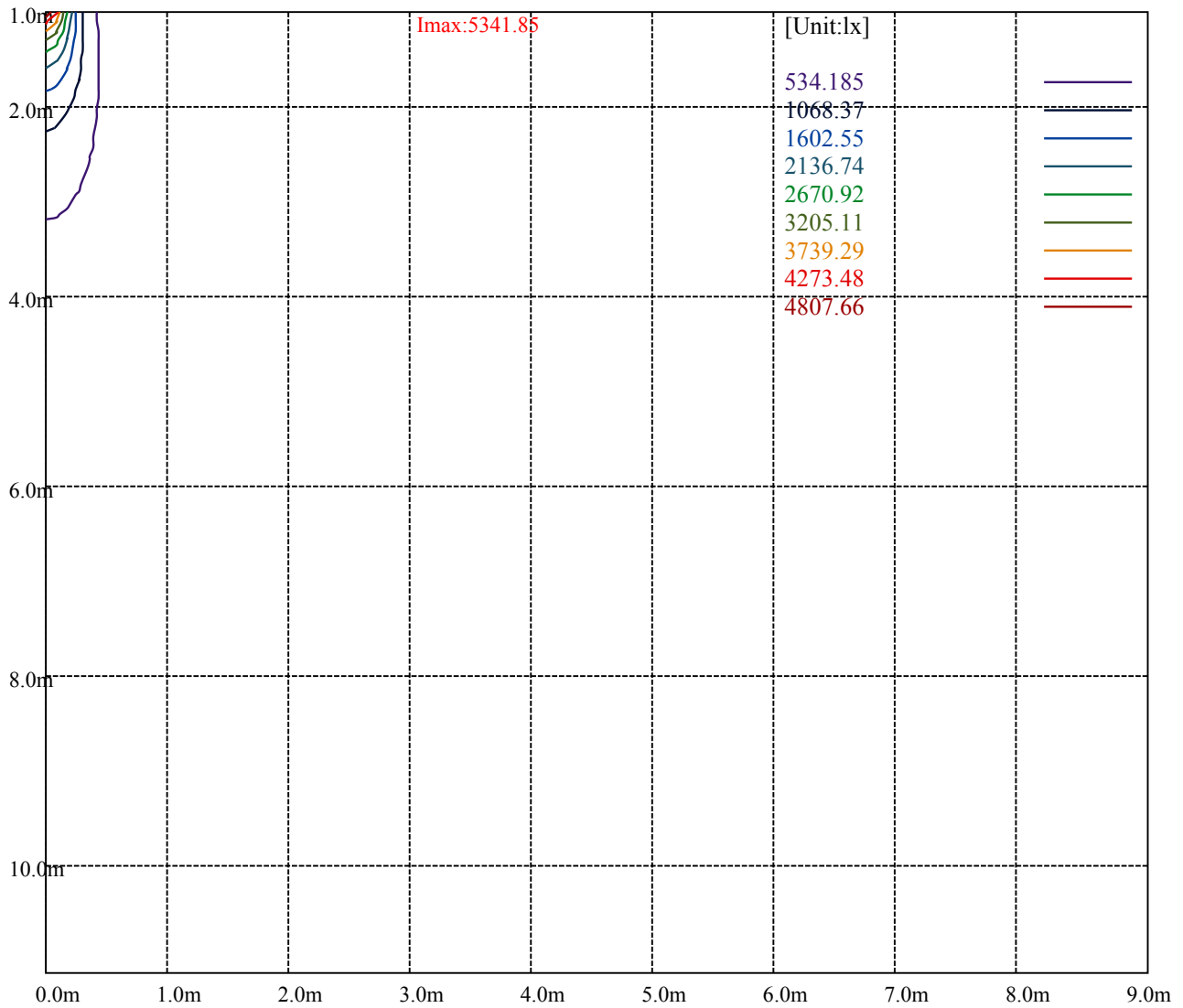
House

[Unit:cd]

Road

Imax:5341.85

(10%Imax) 534.185	—
(20%Imax) 1068.37	—
(30%Imax) 1602.55	—
(40%Imax) 2136.74	—
(50%Imax) 2670.92	—
(60%Imax) 3205.11	—
(70%Imax) 3739.29	—
(80%Imax) 4273.48	—
(90%Imax) 4807.66	—



Luminance Table

γ	45	50	55	60	65	70	75	80	85
C0	0	0	0	0	0	0	0	0	0
C45	0	0	0	0	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0

L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
0	0	0	0	0	0	0	0	0

Glare Table

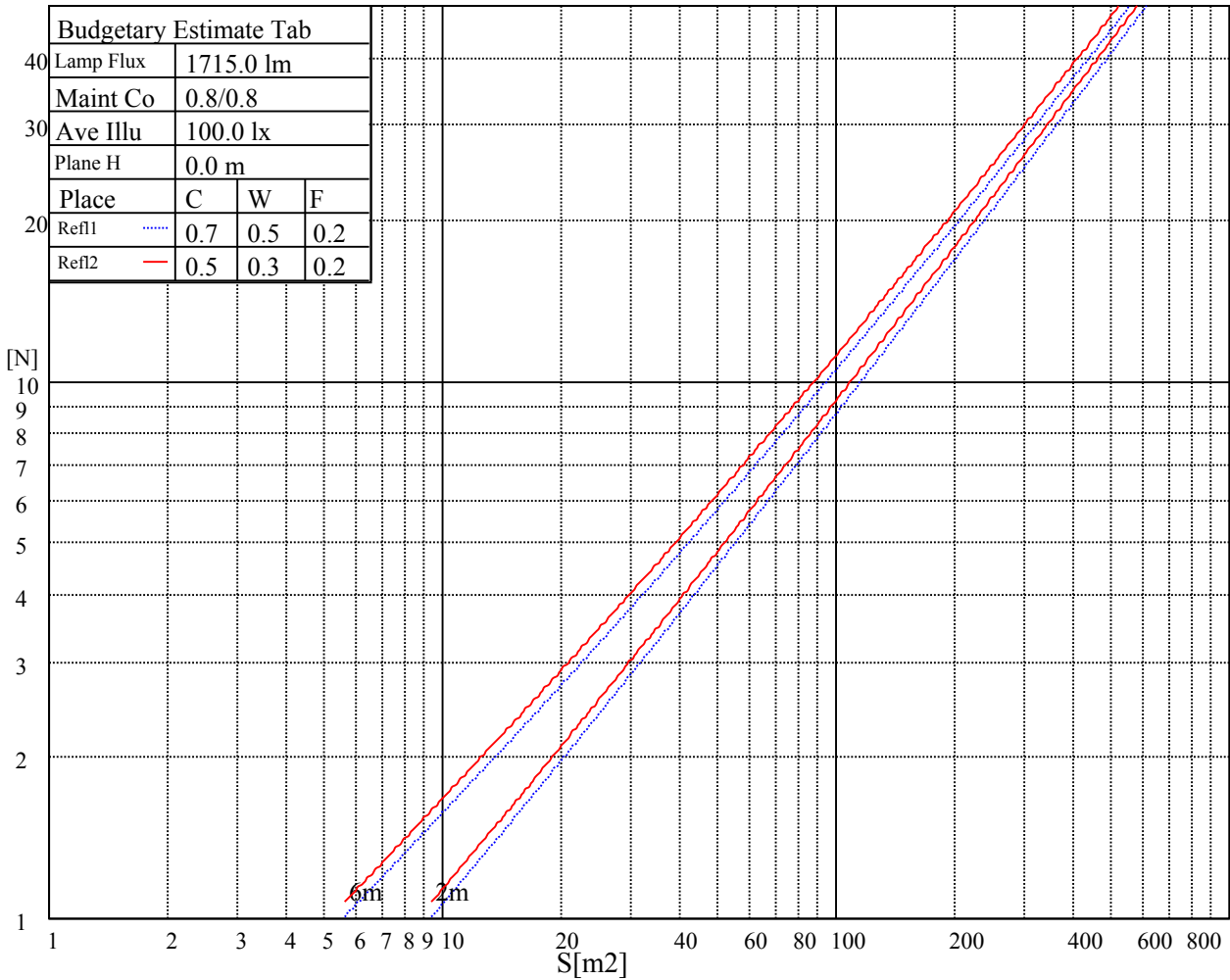
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

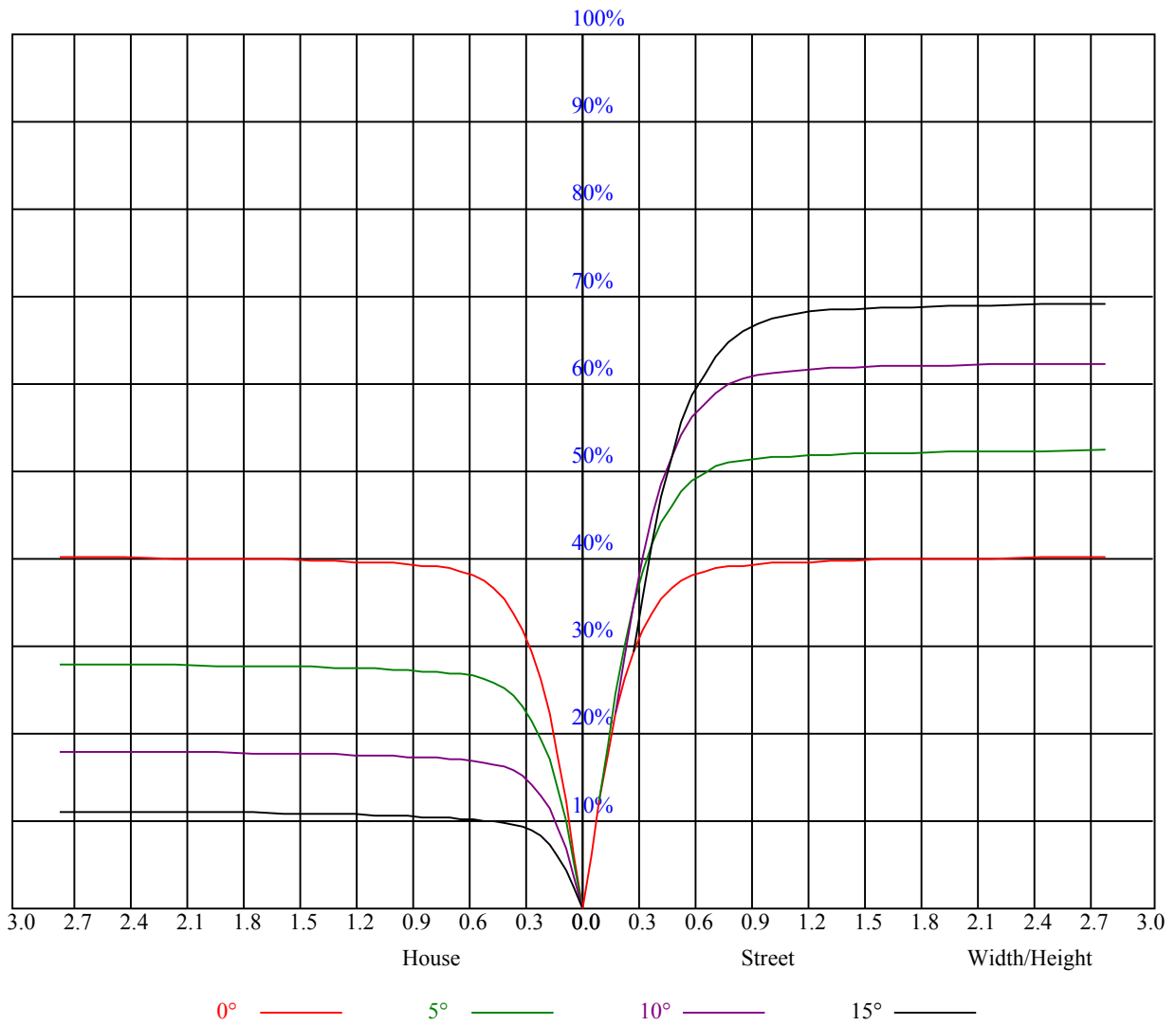


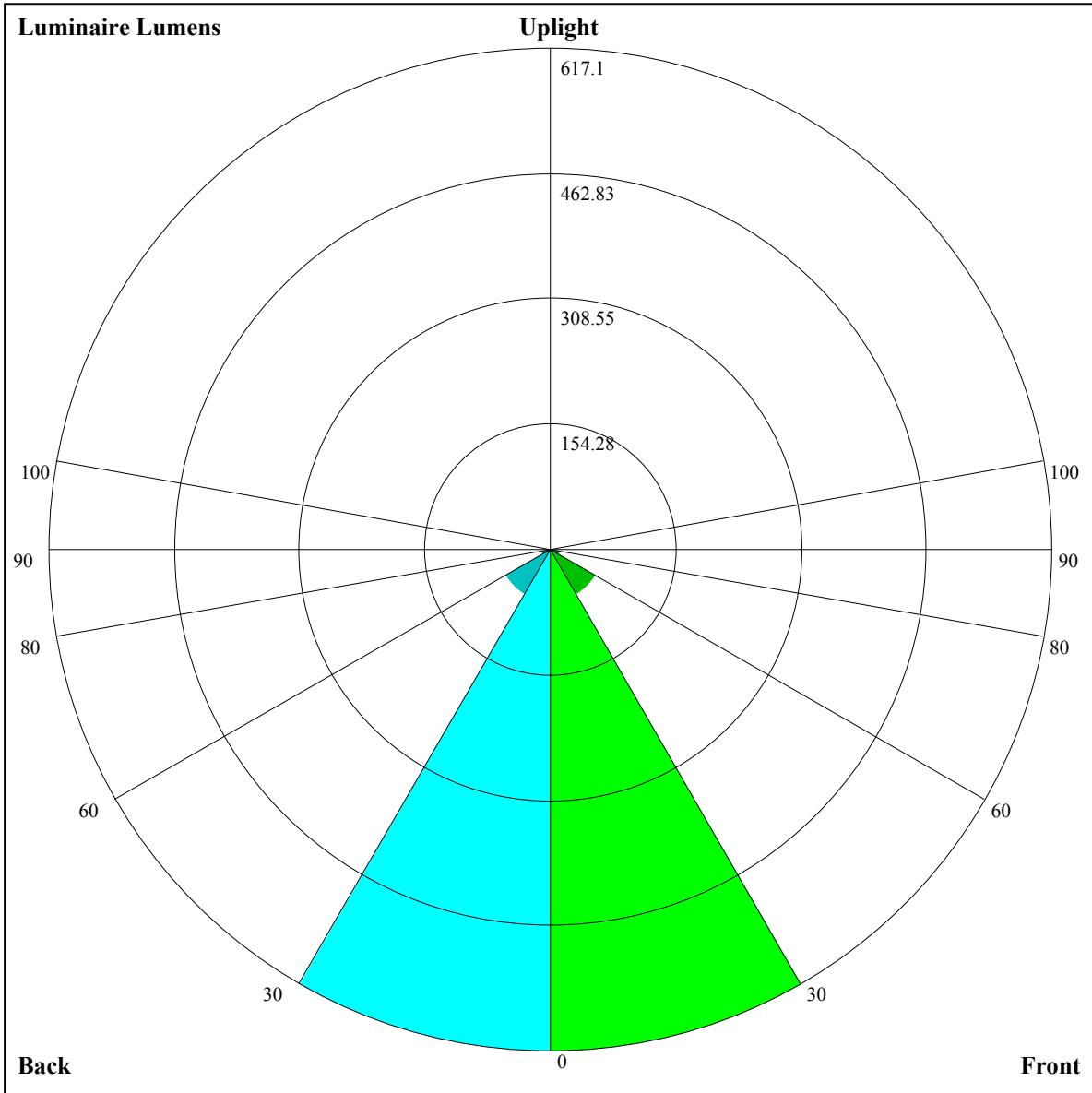
Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	3H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	4H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	6H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	8H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	12H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
4H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	3H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	4H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	6H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	8H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
8H	12H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	4H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	6H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	8H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
12H	12H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	4H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	6H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	8H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
Variation with the observer position at spacings:											
S = 1.0H		非数字/非数字					非数字/非数字				
S = 1.5H		非数字/非数字					非数字/非数字				
S = 2.0H		非数字/非数字					非数字/非数字				
Standard tables:		BK0					BK0				
Uncorrected UGR		负无穷大					负无穷大				

UGR calculation is based on CIE Publ. 117 ,S/H = 0.25



RHOCC	80			70			50			30			10			0
RHOW	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR	COEFFICIENTS OF UTILIZATION RHOF=20 CU															
0	0.96	0.96	0.96	0.94	0.94	0.94	0.90	0.90	0.90	0.86	0.86	0.86	0.83	0.83	0.83	0.81
1	0.91	0.89	0.87	0.89	0.87	0.86	0.86	0.84	0.83	0.83	0.82	0.81	0.80	0.79	0.78	0.77
2	0.86	0.83	0.80	0.84	0.82	0.79	0.82	0.80	0.78	0.79	0.78	0.76	0.77	0.76	0.75	0.73
3	0.81	0.78	0.75	0.80	0.77	0.75	0.78	0.76	0.73	0.76	0.74	0.72	0.74	0.73	0.71	0.70
4	0.77	0.74	0.71	0.77	0.73	0.71	0.75	0.72	0.70	0.73	0.71	0.69	0.72	0.70	0.68	0.67
5	0.74	0.70	0.67	0.73	0.70	0.67	0.72	0.69	0.67	0.71	0.68	0.66	0.70	0.67	0.65	0.64
6	0.71	0.67	0.64	0.70	0.67	0.64	0.69	0.66	0.64	0.68	0.65	0.63	0.67	0.65	0.63	0.62
7	0.68	0.64	0.62	0.68	0.64	0.61	0.67	0.64	0.61	0.66	0.63	0.61	0.65	0.63	0.61	0.60
8	0.66	0.62	0.59	0.65	0.62	0.59	0.64	0.61	0.59	0.64	0.61	0.59	0.63	0.60	0.58	0.58
9	0.63	0.60	0.57	0.63	0.59	0.57	0.62	0.59	0.57	0.62	0.59	0.57	0.61	0.58	0.56	0.56
10	0.61	0.58	0.55	0.61	0.57	0.55	0.60	0.57	0.55	0.60	0.57	0.55	0.59	0.57	0.55	0.54





Luminaire Lumens:

FL=617.1,FM=63.54,FH=11.11,FVH=3.81

BL=617.1,BM=63.54,BH=11.11,BVH=3.81

UL=0,UH=0

BUG Rating:B2-U0-G0

Intensity data(cd)

C/γ(°)	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0
0.0	5341.85	5307.98	5229.34	5097.74	4919.17	4668.98	4432.70	4169.57	3863.57
45.0	5341.85	5307.98	5229.34	5097.74	4919.17	4668.98	4432.70	4169.57	3863.57
90.0	5341.85	5307.98	5229.34	5097.74	4919.17	4668.98	4432.70	4169.57	3863.57
135.0	5341.85	5307.98	5229.34	5097.74	4919.17	4668.98	4432.70	4169.57	3863.57
180.0	5341.85	5307.98	5229.34	5097.74	4919.17	4668.98	4432.70	4169.57	3863.57
225.0	5341.85	5307.98	5229.34	5097.74	4919.17	4668.98	4432.70	4169.57	3863.57
270.0	5341.85	5307.98	5229.34	5097.74	4919.17	4668.98	4432.70	4169.57	3863.57
315.0	5341.85	5307.98	5229.34	5097.74	4919.17	4668.98	4432.70	4169.57	3863.57
360.0	5341.85	5307.98	5229.34	5097.74	4919.17	4668.98	4432.70	4169.57	3863.57
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	3569.42	3244.84	2955.66	2652.52	2357.27	2113.96	1878.70	1650.29	1425.98
45.0	3569.42	3244.84	2955.66	2652.52	2357.27	2113.96	1878.70	1650.29	1425.98
90.0	3569.42	3244.84	2955.66	2652.52	2357.27	2113.96	1878.70	1650.29	1425.98
135.0	3569.42	3244.84	2955.66	2652.52	2357.27	2113.96	1878.70	1650.29	1425.98
180.0	3569.42	3244.84	2955.66	2652.52	2357.27	2113.96	1878.70	1650.29	1425.98
225.0	3569.42	3244.84	2955.66	2652.52	2357.27	2113.96	1878.70	1650.29	1425.98
270.0	3569.42	3244.84	2955.66	2652.52	2357.27	2113.96	1878.70	1650.29	1425.98
315.0	3569.42	3244.84	2955.66	2652.52	2357.27	2113.96	1878.70	1650.29	1425.98
360.0	3569.42	3244.84	2955.66	2652.52	2357.27	2113.96	1878.70	1650.29	1425.98
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	1293.97	1186.13	1087.74	985.74	907.88	839.36	771.98	693.79	617.32
45.0	1293.97	1186.13	1087.74	985.74	907.88	839.36	771.98	693.79	617.32
90.0	1293.97	1186.13	1087.74	985.74	907.88	839.36	771.98	693.79	617.32
135.0	1293.97	1186.13	1087.74	985.74	907.88	839.36	771.98	693.79	617.32
180.0	1293.97	1186.13	1087.74	985.74	907.88	839.36	771.98	693.79	617.32
225.0	1293.97	1186.13	1087.74	985.74	907.88	839.36	771.98	693.79	617.32
270.0	1293.97	1186.13	1087.74	985.74	907.88	839.36	771.98	693.79	617.32
315.0	1293.97	1186.13	1087.74	985.74	907.88	839.36	771.98	693.79	617.32
360.0	1293.97	1186.13	1087.74	985.74	907.88	839.36	771.98	693.79	617.32
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	547.37	473.54	401.40	328.36	273.51	237.59	182.75	126.64	103.01
45.0	547.37	473.54	401.40	328.36	273.51	237.59	182.75	126.64	103.01
90.0	547.37	473.54	401.40	328.36	273.51	237.59	182.75	126.64	103.01
135.0	547.37	473.54	401.40	328.36	273.51	237.59	182.75	126.64	103.01
180.0	547.37	473.54	401.40	328.36	273.51	237.59	182.75	126.64	103.01
225.0	547.37	473.54	401.40	328.36	273.51	237.59	182.75	126.64	103.01
270.0	547.37	473.54	401.40	328.36	273.51	237.59	182.75	126.64	103.01
315.0	547.37	473.54	401.40	328.36	273.51	237.59	182.75	126.64	103.01
360.0	547.37	473.54	401.40	328.36	273.51	237.59	182.75	126.64	103.01
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	87.01	76.15	66.27	58.94	52.69	47.12	42.14	37.97	34.41
45.0	87.01	76.15	66.27	58.94	52.69	47.12	42.14	37.97	34.41
90.0	87.01	76.15	66.27	58.94	52.69	47.12	42.14	37.97	34.41
135.0	87.01	76.15	66.27	58.94	52.69	47.12	42.14	37.97	34.41
180.0	87.01	76.15	66.27	58.94	52.69	47.12	42.14	37.97	34.41
225.0	87.01	76.15	66.27	58.94	52.69	47.12	42.14	37.97	34.41
270.0	87.01	76.15	66.27	58.94	52.69	47.12	42.14	37.97	34.41
315.0	87.01	76.15	66.27	58.94	52.69	47.12	42.14	37.97	34.41
360.0	87.01	76.15	66.27	58.94	52.69	47.12	42.14	37.97	34.41

Intensity data(cd)

C/γ(°)	45.0	46.0	47.0	48.0	49.0	50.0	51.0	52.0	53.0
0.0	31.24	28.35	25.98	24.07	22.44	20.82	19.67	18.63	17.82
45.0	31.24	28.35	25.98	24.07	22.44	20.82	19.67	18.63	17.82
90.0	31.24	28.35	25.98	24.07	22.44	20.82	19.67	18.63	17.82
135.0	31.24	28.35	25.98	24.07	22.44	20.82	19.67	18.63	17.82
180.0	31.24	28.35	25.98	24.07	22.44	20.82	19.67	18.63	17.82
225.0	31.24	28.35	25.98	24.07	22.44	20.82	19.67	18.63	17.82
270.0	31.24	28.35	25.98	24.07	22.44	20.82	19.67	18.63	17.82
315.0	31.24	28.35	25.98	24.07	22.44	20.82	19.67	18.63	17.82
360.0	31.24	28.35	25.98	24.07	22.44	20.82	19.67	18.63	17.82
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	17.11	16.45	16.01	15.57	15.19	14.88	14.59	14.29	13.98
45.0	17.11	16.45	16.01	15.57	15.19	14.88	14.59	14.29	13.98
90.0	17.11	16.45	16.01	15.57	15.19	14.88	14.59	14.29	13.98
135.0	17.11	16.45	16.01	15.57	15.19	14.88	14.59	14.29	13.98
180.0	17.11	16.45	16.01	15.57	15.19	14.88	14.59	14.29	13.98
225.0	17.11	16.45	16.01	15.57	15.19	14.88	14.59	14.29	13.98
270.0	17.11	16.45	16.01	15.57	15.19	14.88	14.59	14.29	13.98
315.0	17.11	16.45	16.01	15.57	15.19	14.88	14.59	14.29	13.98
360.0	17.11	16.45	16.01	15.57	15.19	14.88	14.59	14.29	13.98
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	13.61	13.19	12.77	12.31	11.81	11.40	10.98	10.62	10.25
45.0	13.61	13.19	12.77	12.31	11.81	11.40	10.98	10.62	10.25
90.0	13.61	13.19	12.77	12.31	11.81	11.40	10.98	10.62	10.25
135.0	13.61	13.19	12.77	12.31	11.81	11.40	10.98	10.62	10.25
180.0	13.61	13.19	12.77	12.31	11.81	11.40	10.98	10.62	10.25
225.0	13.61	13.19	12.77	12.31	11.81	11.40	10.98	10.62	10.25
270.0	13.61	13.19	12.77	12.31	11.81	11.40	10.98	10.62	10.25
315.0	13.61	13.19	12.77	12.31	11.81	11.40	10.98	10.62	10.25
360.0	13.61	13.19	12.77	12.31	11.81	11.40	10.98	10.62	10.25
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	9.91	9.61	9.33	9.05	8.77	8.57	8.34	8.11	7.88
45.0	9.91	9.61	9.33	9.05	8.77	8.57	8.34	8.11	7.88
90.0	9.91	9.61	9.33	9.05	8.77	8.57	8.34	8.11	7.88
135.0	9.91	9.61	9.33	9.05	8.77	8.57	8.34	8.11	7.88
180.0	9.91	9.61	9.33	9.05	8.77	8.57	8.34	8.11	7.88
225.0	9.91	9.61	9.33	9.05	8.77	8.57	8.34	8.11	7.88
270.0	9.91	9.61	9.33	9.05	8.77	8.57	8.34	8.11	7.88
315.0	9.91	9.61	9.33	9.05	8.77	8.57	8.34	8.11	7.88
360.0	9.91	9.61	9.33	9.05	8.77	8.57	8.34	8.11	7.88
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	7.70	7.50	7.32	7.13	6.96	6.78	6.63	6.47	6.30
45.0	7.70	7.50	7.32	7.13	6.96	6.78	6.63	6.47	6.30
90.0	7.70	7.50	7.32	7.13	6.96	6.78	6.63	6.47	6.30
135.0	7.70	7.50	7.32	7.13	6.96	6.78	6.63	6.47	6.30
180.0	7.70	7.50	7.32	7.13	6.96	6.78	6.63	6.47	6.30
225.0	7.70	7.50	7.32	7.13	6.96	6.78	6.63	6.47	6.30
270.0	7.70	7.50	7.32	7.13	6.96	6.78	6.63	6.47	6.30
315.0	7.70	7.50	7.32	7.13	6.96	6.78	6.63	6.47	6.30
360.0	7.70	7.50	7.32	7.13	6.96	6.78	6.63	6.47	6.30

Intensity data(cd)

<i>C/γ(°)</i>	90.0
0.0	6.19
45.0	6.19
90.0	6.19
135.0	6.19
180.0	6.19
225.0	6.19
270.0	6.19
315.0	6.19
360.0	6.19