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NT

Client:

LumCAT: 3-2835-L

Luminaire: 92.70.412.00

Report No: 2024327-B002

Ballast type: AC

Test No: 2024327-C002

Voltage(V): 34.510

LampCAT: Fortimo_SLM_C_1210

Current(A): 0.720

Lamp flux(lm): 4230.0

Power (W): 24.847

Number of Lamps: 1

PF: 0.000

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 3562.28, Efficiency(%): 84.21% , Luminous Efficacy(lm/W): 143.37

Central intensity(cd): 6208.419, Maximum intensity(cd): 6230.072

Angle of maximum intensity: C=0.0 γ =4.0

Beam Angle(50%Imax): [C0/180]Total=44.8

[C90/270]Total=44.8

Field angle(10%Imax): [C0/180]Total=67.6

[C90/270]Total=67.6

Maximum s/h(1/2): C0_180=0.73 C90_270=0.73

Maximum s/h(1/4): C0_180=0.70 C90_270=0.70

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 84.21%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 97.758%

Equipment: GMS1980
Temperature(°C): 25.0

Date: 2024/3/27
Humidity(%): 60.0%

Operator: NT07
Distance(m): 7.65

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	6208.418	0.000	0	0.00%	0.00%
1.0	6211.344	5.943	5.943	0.14%	0.17%
2.0	6217.635	17.839	23.782	0.42%	0.67%
3.0	6226.926	29.763	53.545	0.70%	1.50%
4.0	6230.071	41.698	95.243	0.99%	2.67%
5.0	6212.149	53.526	148.769	1.27%	4.18%
6.0	6177.474	65.111	213.879	1.54%	6.00%
7.0	6119.244	76.326	290.205	1.80%	8.15%
8.0	6040.824	87.027	377.232	2.06%	10.59%
9.0	5944.116	97.131	474.364	2.30%	13.32%
10.0	5830.875	106.559	580.923	2.52%	16.31%
11.0	5717.341	115.390	696.313	2.73%	19.55%
12.0	5566.133	123.345	819.658	2.92%	23.01%
13.0	5401.539	130.159	949.816	3.08%	26.66%
14.0	5226.191	136.034	1085.85	3.22%	30.48%
15.0	5018.948	140.650	1226.5	3.33%	34.43%
16.0	4789.833	143.726	1370.226	3.40%	38.46%
17.0	4537.527	145.252	1515.478	3.43%	42.54%
18.0	4281.491	145.406	1660.885	3.44%	46.62%
19.0	4014.921	144.341	1805.226	3.41%	50.68%
20.0	3758.227	142.270	1947.496	3.36%	54.67%
21.0	3495.388	139.284	2086.78	3.29%	58.58%
22.0	3205.848	134.664	2221.444	3.18%	62.36%
23.0	2953.177	129.233	2350.677	3.06%	65.99%
24.0	2700.214	123.603	2474.28	2.92%	69.46%
25.0	2448.786	117.077	2591.357	2.77%	72.74%
26.0	2223.767	110.296	2701.654	2.61%	75.84%
27.0	2015.939	103.725	2805.379	2.45%	78.75%
28.0	1817.767	97.061	2902.44	2.29%	81.48%
29.0	1498.703	86.768	2989.208	2.05%	83.91%
30.0	1311.475	75.874	3065.083	1.79%	86.04%
31.0	1156.785	68.688	3133.771	1.62%	87.97%
32.0	968.891	60.898	3194.669	1.44%	89.68%
33.0	762.702	51.013	3245.682	1.21%	91.11%
34.0	578.729	40.596	3286.278	0.96%	92.25%
35.0	413.930	30.828	3317.106	0.73%	93.12%
36.0	280.469	22.110	3339.216	0.52%	93.74%
37.0	222.685	16.410	3355.626	0.39%	94.20%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	161.764	12.832	3368.459	0.30%	94.56%
39.0	101.997	9.003	3377.461	0.21%	94.81%
40.0	93.460	6.817	3384.278	0.16%	95.00%
41.0	87.001	6.426	3390.704	0.15%	95.18%
42.0	81.661	6.128	3396.832	0.14%	95.36%
43.0	77.893	5.910	3402.743	0.14%	95.52%
44.0	74.682	5.759	3408.501	0.14%	95.68%
45.0	71.368	5.613	3414.114	0.13%	95.84%
46.0	68.171	5.457	3419.571	0.13%	95.99%
47.0	65.260	5.307	3424.878	0.13%	96.14%
48.0	62.524	5.166	3430.044	0.12%	96.29%
49.0	60.366	5.047	3435.09	0.12%	96.43%
50.0	58.142	4.941	3440.031	0.12%	96.57%
51.0	56.160	4.836	3444.867	0.11%	96.70%
52.0	54.111	4.732	3449.599	0.11%	96.84%
53.0	51.895	4.611	3454.21	0.11%	96.97%
54.0	49.495	4.469	3458.679	0.11%	97.09%
55.0	46.935	4.304	3462.984	0.10%	97.21%
56.0	44.770	4.144	3467.128	0.10%	97.33%
57.0	42.802	4.004	3471.132	0.09%	97.44%
58.0	41.068	3.878	3475.01	0.09%	97.55%
59.0	39.364	3.760	3478.77	0.09%	97.66%
60.0	37.827	3.647	3482.417	0.09%	97.76%
61.0	36.496	3.547	3485.964	0.08%	97.86%
62.0	35.209	3.455	3489.419	0.08%	97.95%
63.0	34.323	3.382	3492.801	0.08%	98.05%
64.0	33.351	3.321	3496.121	0.08%	98.14%
65.0	31.961	3.232	3499.354	0.08%	98.23%
66.0	30.205	3.102	3502.455	0.07%	98.32%
67.0	29.086	2.981	3505.437	0.07%	98.40%
68.0	28.705	2.928	3508.364	0.07%	98.49%
69.0	28.508	2.919	3511.283	0.07%	98.57%
70.0	28.405	2.923	3514.206	0.07%	98.65%
71.0	28.281	2.930	3517.136	0.07%	98.73%
72.0	28.179	2.936	3520.071	0.07%	98.82%
73.0	28.040	2.940	3523.011	0.07%	98.90%
74.0	27.835	2.937	3525.949	0.07%	98.98%
75.0	27.447	2.921	3528.87	0.07%	99.06%

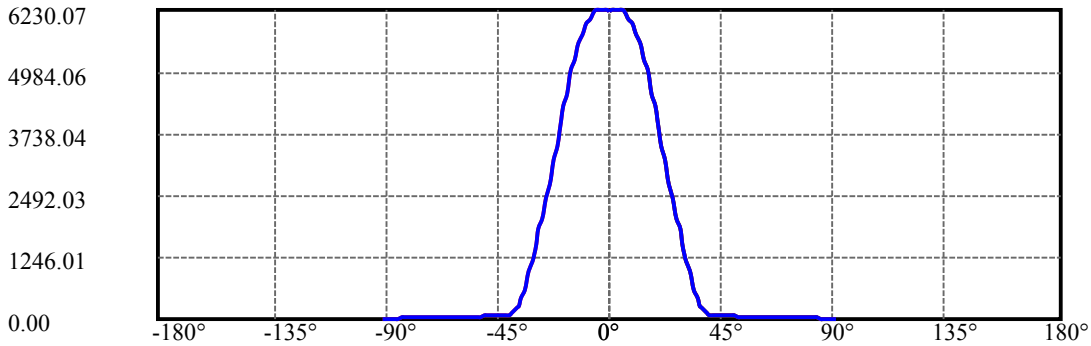
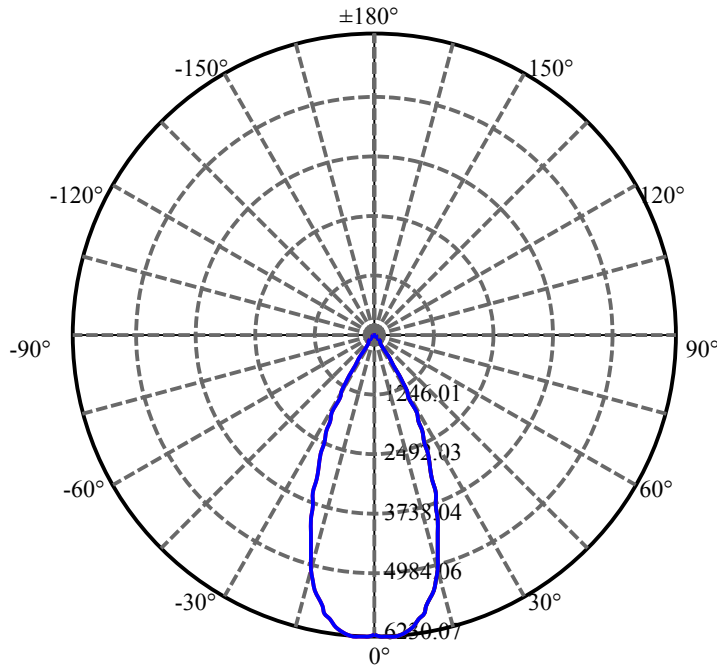
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	26.862	2.883	3531.752	0.07%	99.14%
77.0	26.203	2.829	3534.582	0.07%	99.22%
78.0	25.428	2.764	3537.346	0.07%	99.30%
79.0	24.609	2.688	3540.034	0.06%	99.38%
80.0	23.658	2.602	3542.636	0.06%	99.45%
81.0	22.773	2.511	3545.147	0.06%	99.52%
82.0	21.697	2.412	3547.559	0.06%	99.59%
83.0	20.249	2.280	3549.839	0.05%	99.65%
84.0	18.288	2.099	3551.938	0.05%	99.71%
85.0	16.679	1.908	3553.847	0.05%	99.76%
86.0	15.845	1.778	3555.624	0.04%	99.81%
87.0	15.450	1.713	3557.337	0.04%	99.86%
88.0	15.106	1.674	3559.011	0.04%	99.91%
89.0	14.879	1.644	3560.655	0.04%	99.95%
90.0	14.843	1.630	3562.284	0.04%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	3065.08	72.46%	86.04%
0-40	3384.28	80.01%	95.00%
0-60	3482.42	82.33%	97.76%
0-90	3560.65	84.18%	99.95%
0-120	3560.65	84.18%	99.95%
0-180	3562.28	84.21%	100.00%
60-90	78.24	1.85%	2.20%
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%
0-27.46	2849.83	67.37%	80.00%

ZONAL LUMEN SUMMARY

0-10	580.92
10-20	1366.57
20-30	1117.59
30-40	319.20
40-50	55.75
50-60	42.39
60-70	31.79
70-80	28.43
80-90	18.02
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: —————

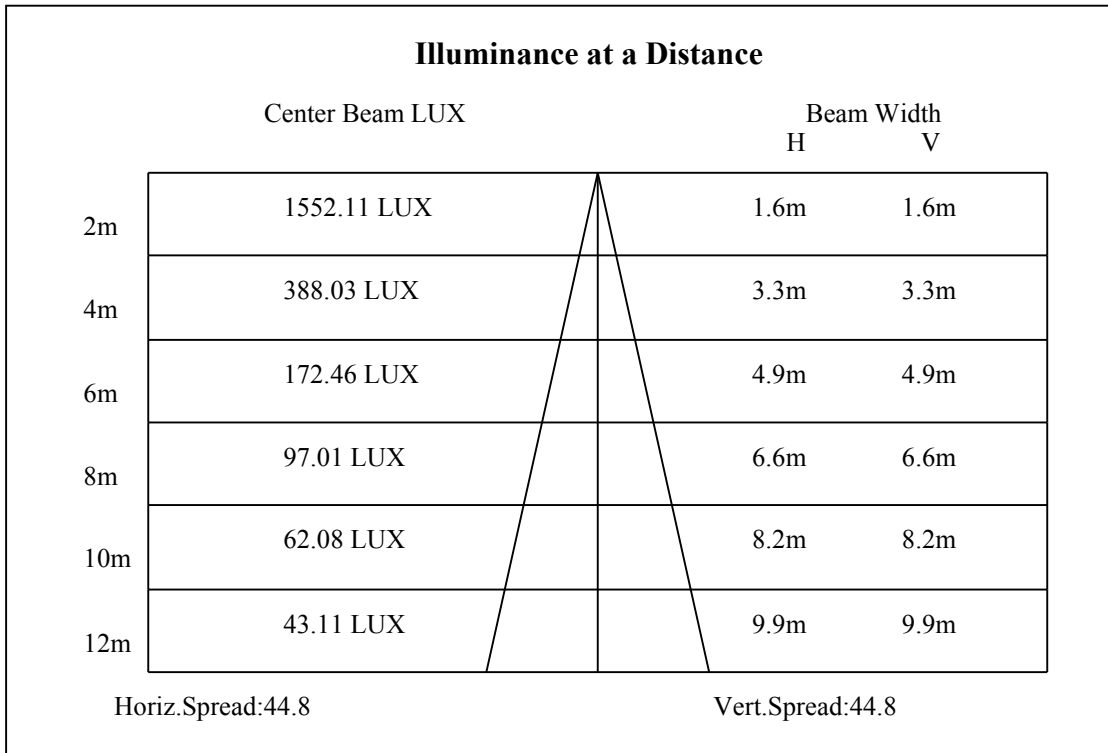
C90/C270: —————

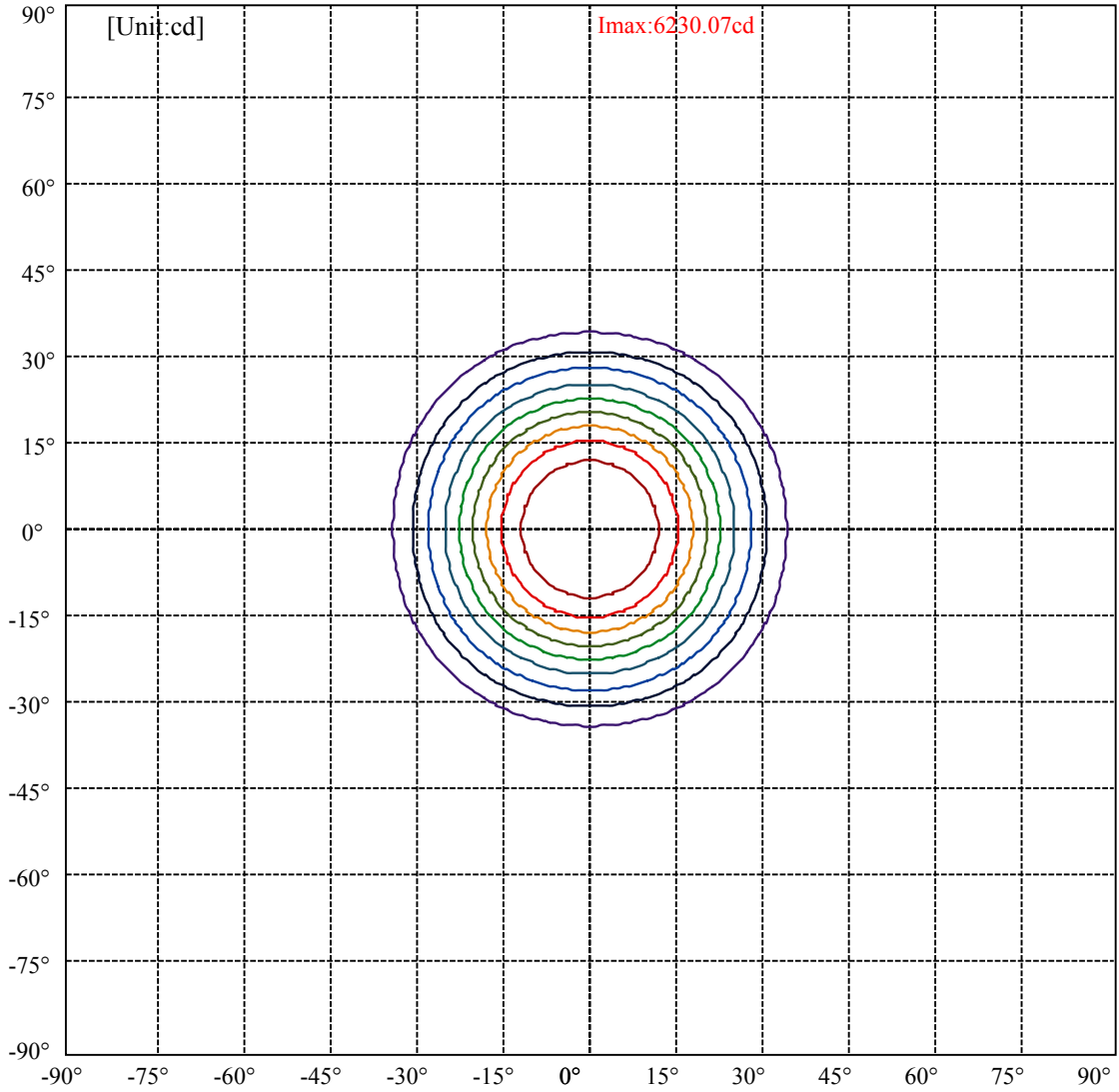
Field angle(10%Imax):C0/180Left:37.8 Right:29.8

:C90/270Left:37.8 Right:29.8

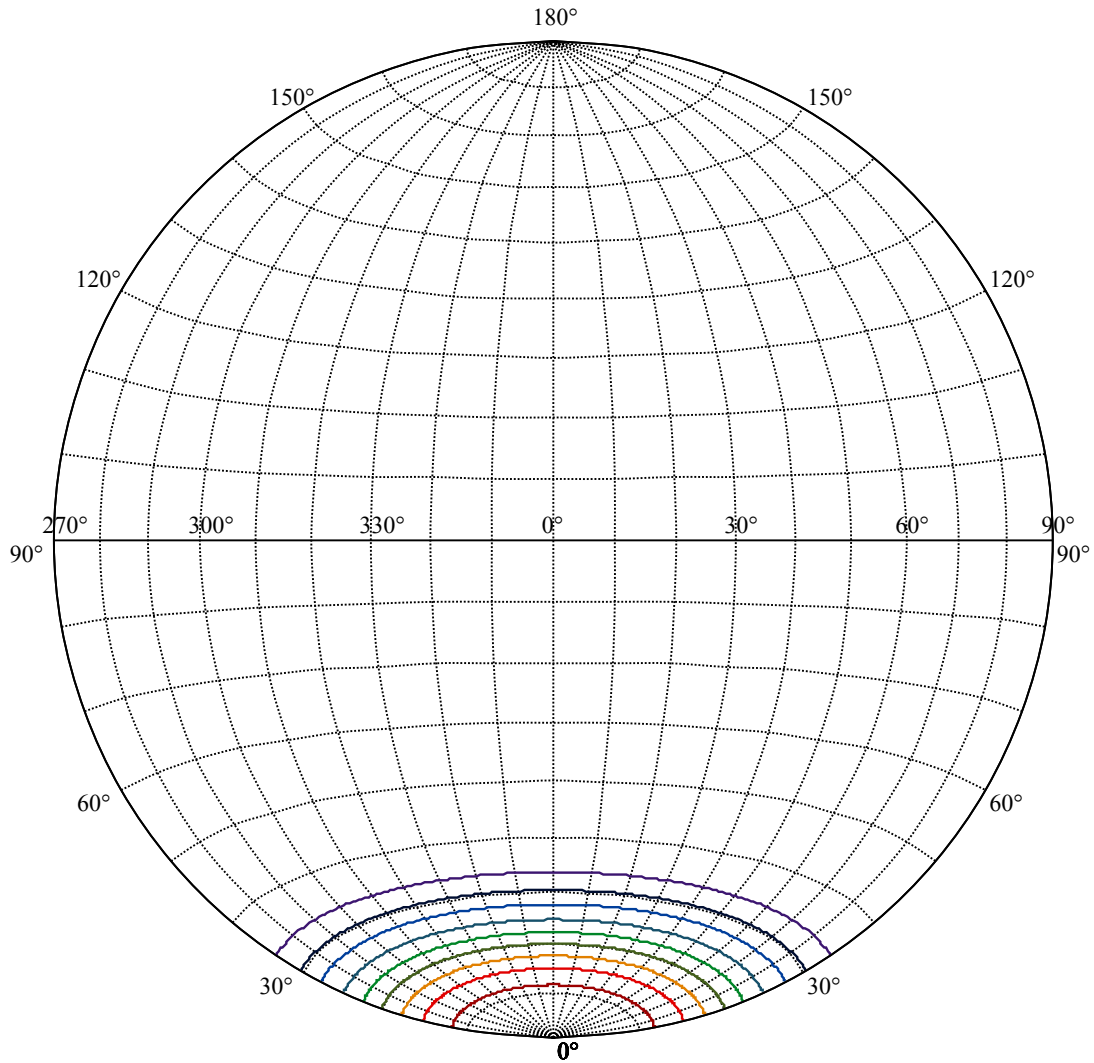
Beam Angle(50%Imax):C0/180Left:26.4 Right:18.4

:C90/270Left:26.4 Right:18.4





(10%Imax) 623.007	—
(20%Imax) 1246.01	—
(30%Imax) 1869.02	—
(40%Imax) 2492.03	—
(50%Imax) 3115.04	—
(60%Imax) 3738.04	—
(70%Imax) 4361.05	—
(80%Imax) 4984.06	—
(90%Imax) 5607.06	—



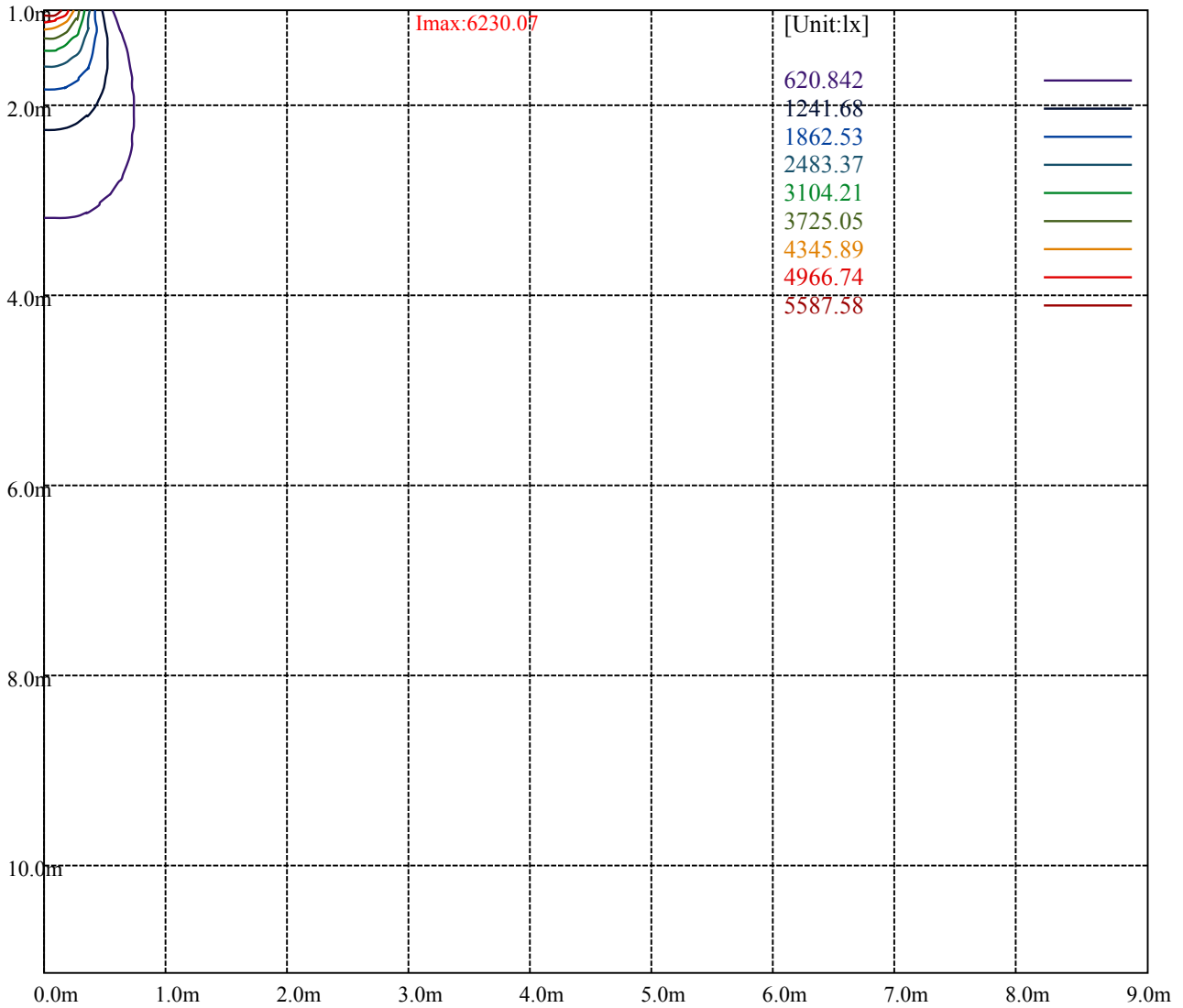
House

[Unit:cd]

Road

Imax:6230.07

(10%Imax)	623.007	—
(20%Imax)	1246.01	—
(30%Imax)	1869.02	—
(40%Imax)	2492.03	—
(50%Imax)	3115.04	—
(60%Imax)	3738.04	—
(70%Imax)	4361.05	—
(80%Imax)	4984.06	—
(90%Imax)	5607.06	—



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

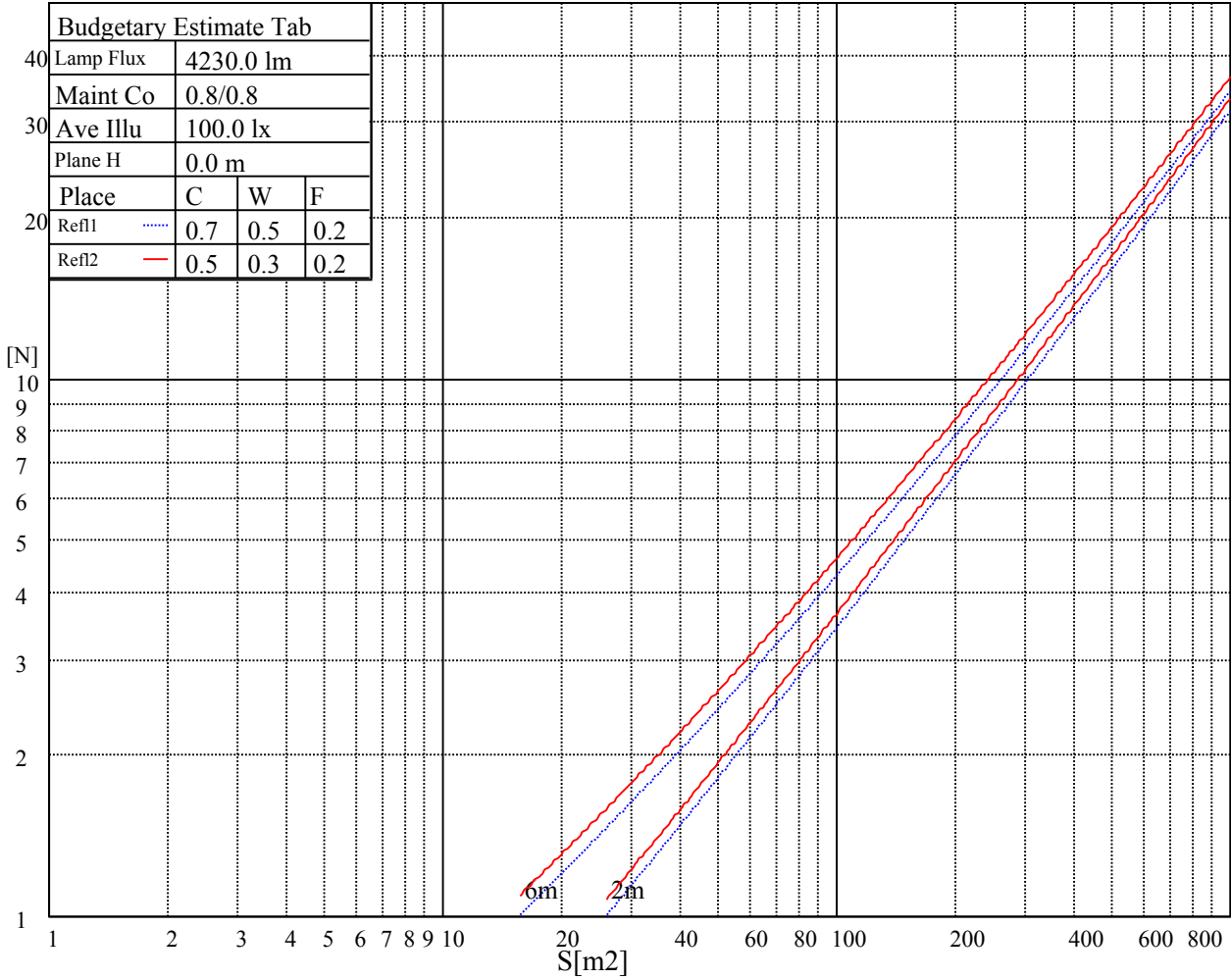
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

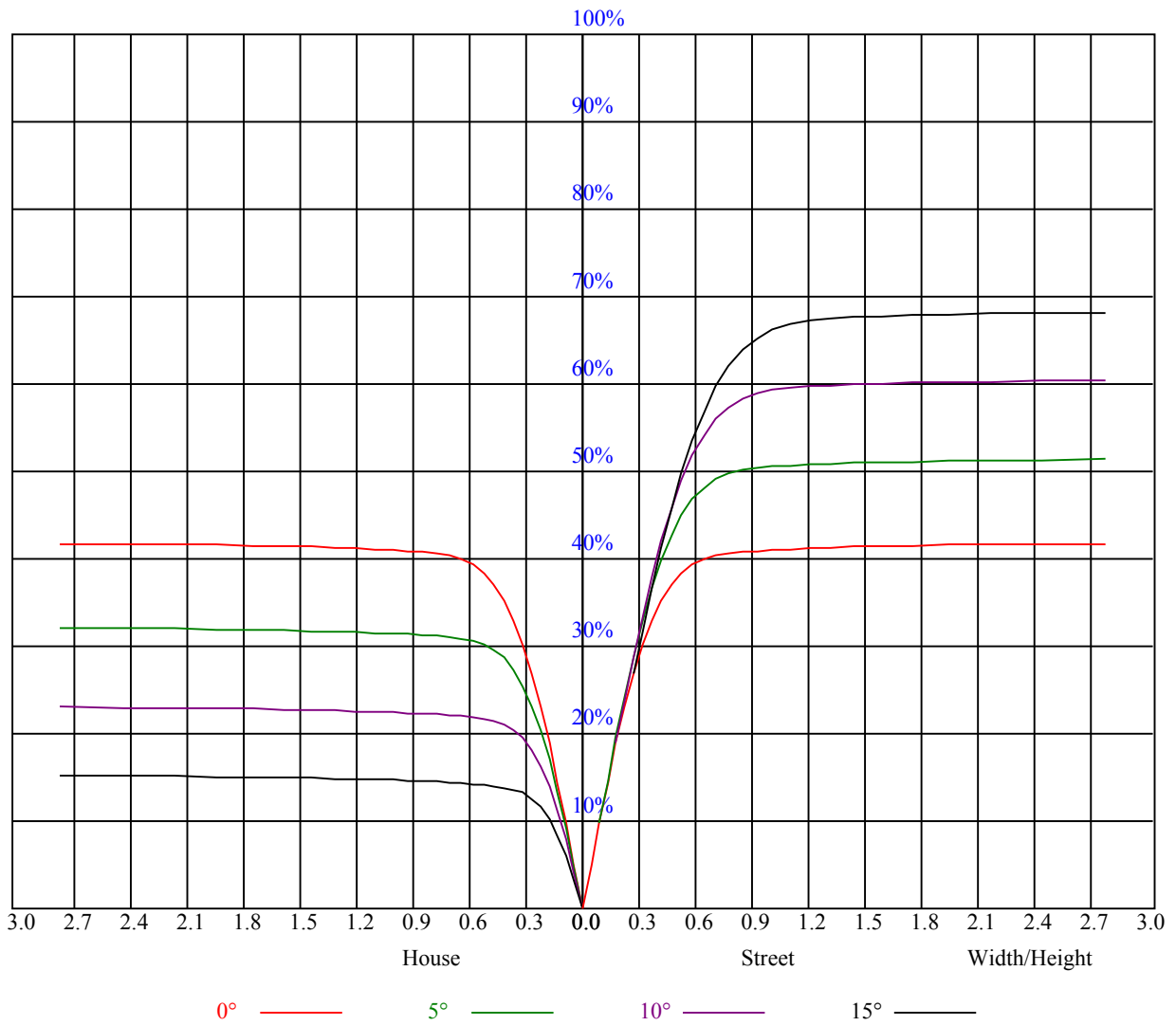


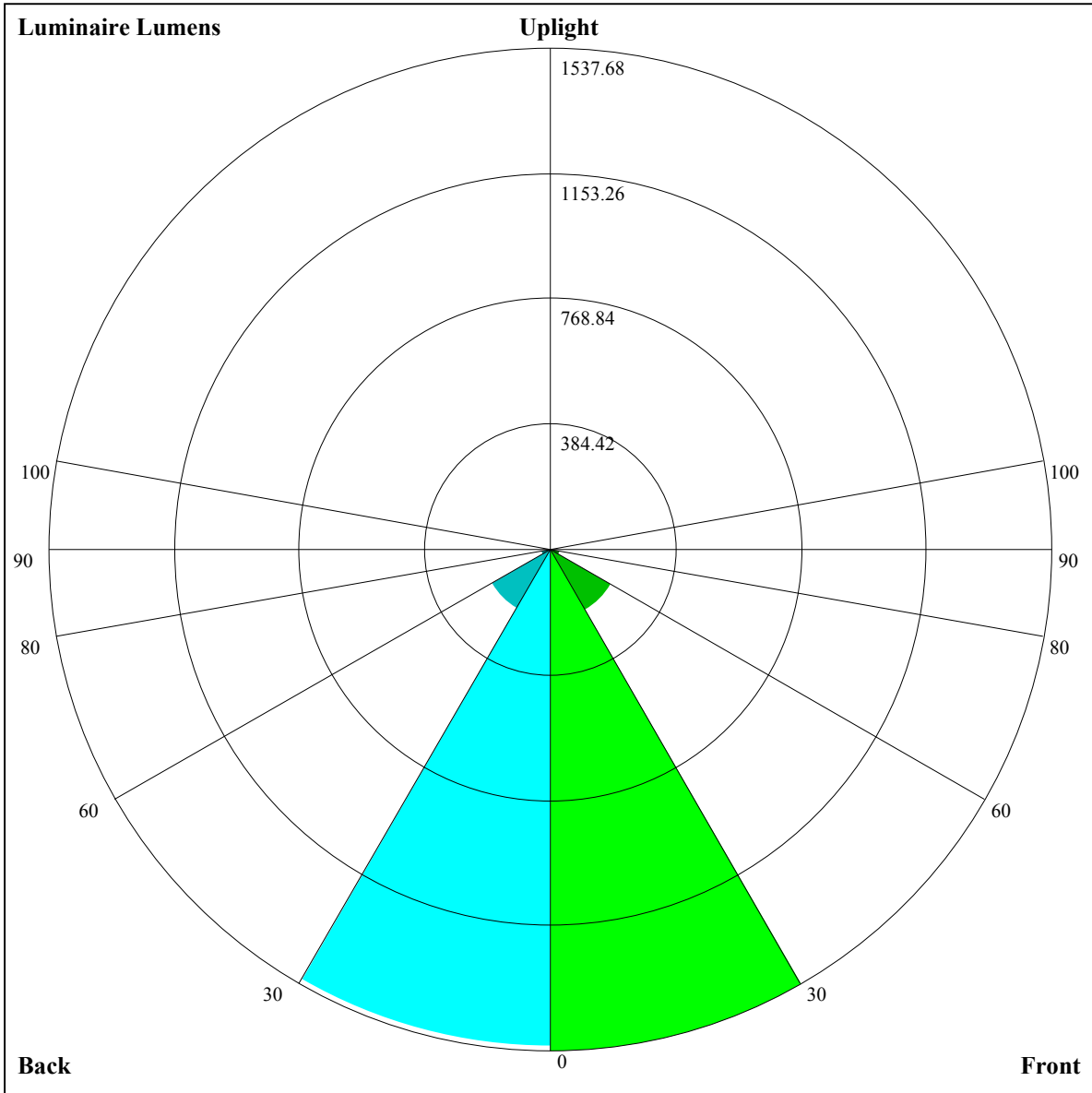
Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字
	3H	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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 RHOFC=20 CU															
0	1.00	1.00	1.00	0.98	0.98	0.98	0.94	0.94	0.94	0.90	0.90	0.90	0.86	0.86	0.86	0.84
1	0.94	0.92	0.90	0.92	0.90	0.88	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.81	0.79
2	0.88	0.85	0.82	0.86	0.83	0.81	0.84	0.81	0.79	0.81	0.79	0.78	0.79	0.77	0.76	0.75
3	0.83	0.79	0.76	0.82	0.78	0.75	0.79	0.76	0.74	0.77	0.75	0.73	0.75	0.73	0.72	0.70
4	0.78	0.74	0.71	0.77	0.73	0.70	0.75	0.72	0.69	0.74	0.71	0.69	0.72	0.70	0.68	0.67
5	0.74	0.70	0.66	0.73	0.69	0.66	0.72	0.68	0.66	0.70	0.67	0.65	0.69	0.67	0.64	0.63
6	0.70	0.66	0.63	0.70	0.66	0.62	0.69	0.65	0.62	0.67	0.64	0.62	0.66	0.63	0.61	0.60
7	0.67	0.63	0.59	0.66	0.62	0.59	0.65	0.62	0.59	0.64	0.61	0.59	0.64	0.61	0.58	0.57
8	0.64	0.59	0.56	0.63	0.59	0.56	0.63	0.59	0.56	0.62	0.58	0.56	0.61	0.58	0.56	0.55
9	0.61	0.57	0.54	0.61	0.57	0.54	0.60	0.56	0.53	0.59	0.56	0.53	0.59	0.55	0.53	0.52
10	0.58	0.54	0.51	0.58	0.54	0.51	0.57	0.54	0.51	0.57	0.53	0.51	0.56	0.53	0.51	0.50





Luminaire Lumens:

FL=1537.68,FM=211.94,FH=30.43,FVH=9.9

BL=1523.22,BM=208.27,BH=29.86,BVH=9.79

UL=0,UH=0

BUG Rating:B3-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	6208.71	6208.13	6219.24	6229.78	6237.39	6214.56	6177.69	6120.93	6049.53
45.0	6213.98	6211.64	6209.88	6220.42	6230.95	6230.36	6222.76	6182.38	6139.65
90.0	6212.81	6215.73	6221.00	6233.29	6228.61	6215.73	6170.67	6108.64	6029.63
135.0	6198.18	6208.71	6211.05	6218.07	6226.85	6219.24	6199.35	6156.04	6072.35
180.0	6208.71	6216.32	6218.66	6229.78	6232.12	6212.81	6179.45	6131.46	6057.72
225.0	6213.98	6222.17	6234.46	6236.80	6227.44	6188.81	6127.95	6026.12	5933.65
270.0	6212.81	6207.54	6215.73	6221.00	6230.36	6218.66	6192.32	6144.92	6054.80
315.0	6198.18	6200.52	6211.05	6226.27	6226.85	6197.01	6149.60	6083.47	5989.25
360.0	6208.71	6208.13	6219.24	6229.78	6237.39	6214.56	6177.69	6120.93	6049.53
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	5945.94	5844.12	5734.09	5597.15	5404.03	5231.97	5041.77	4765.55	4532.04
45.0	6075.28	5970.52	5880.40	5761.60	5599.49	5446.16	5270.59	5023.04	4803.59
90.0	5941.26	5807.25	5694.88	5518.73	5362.48	5187.49	4940.53	4722.24	4489.32
135.0	5985.74	5892.69	5783.84	5632.26	5496.49	5341.41	5118.44	4917.70	4640.89
180.0	5953.55	5844.12	5732.92	5569.64	5417.49	5244.26	5010.75	4804.17	4522.68
225.0	5828.31	5674.40	5537.46	5379.45	5203.88	4970.37	4760.86	4536.14	4293.85
270.0	5958.82	5857.58	5738.19	5574.33	5432.70	5270.59	5086.83	4840.45	4607.53
315.0	5864.01	5756.33	5636.95	5495.91	5295.76	5117.27	4921.80	4709.36	4410.31
360.0	5945.94	5844.12	5734.09	5597.15	5404.03	5231.97	5041.77	4765.55	4532.04
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	4293.27	3987.20	3744.33	3490.93	3171.98	2922.09	2679.80	2401.82	2190.56
45.0	4575.93	4340.09	4029.92	3789.98	3541.84	3283.76	2973.00	2733.64	2501.31
90.0	4190.27	3945.65	3702.78	3456.40	3147.98	2900.43	2665.76	2438.11	2182.95
135.0	4406.80	4162.76	3922.82	3618.50	3379.73	3135.69	2886.97	2597.29	2376.66
180.0	4271.03	4036.36	3797.00	3533.06	3210.60	2951.93	2719.01	2442.79	2227.42
225.0	3990.12	3737.31	3482.73	3180.17	2927.35	2682.14	2401.82	2195.24	1999.19
270.0	4364.67	4068.54	3801.68	3559.98	3252.74	2981.19	2735.99	2460.34	2233.86
315.0	4159.84	3841.48	3584.56	3334.09	3014.55	2768.17	2539.35	2321.06	2078.19
360.0	4293.27	3987.20	3744.33	3490.93	3171.98	2922.09	2679.80	2401.82	2190.56
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	1994.51	1804.31	1396.99	1154.82	1154.82	968.08	736.86	558.66	400.00
45.0	2229.18	2028.45	1802.55	1601.23	1412.21	1221.42	969.78	777.24	594.06
90.0	1990.41	1761.59	1564.95	1121.00	1121.00	934.60	748.56	570.18	372.73
135.0	2165.39	1972.27	1737.59	1545.64	1279.36	1096.77	910.08	693.55	530.27
180.0	2033.72	1854.64	1604.75	1398.75	1154.12	962.17	778.41	560.70	406.20
225.0	1776.80	1572.56	1124.22	1124.22	929.28	745.05	568.14	406.97	246.26
270.0	2044.25	1861.07	1594.80	1382.36	1181.63	980.90	757.34	588.21	430.20
315.0	1893.26	1687.26	1163.78	1163.78	1021.86	842.14	632.45	474.32	331.71
360.0	1994.51	1804.31	1396.99	1154.82	1154.82	968.08	736.86	558.66	400.00
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	240.06	152.98	112.54	101.83	94.05	87.90	82.05	78.83	75.73
45.0	429.61	324.27	324.27	121.43	108.73	97.73	91.06	85.74	81.05
90.0	244.21	152.92	114.12	100.13	92.58	86.67	82.05	77.89	74.62
135.0	379.28	311.40	311.40	106.80	96.80	90.18	83.28	79.53	76.61
180.0	307.30	307.30	112.36	101.19	92.70	86.44	80.47	77.13	74.15
225.0	157.78	113.59	99.25	91.18	83.98	79.53	76.43	72.74	69.93
270.0	295.60	295.60	114.94	99.43	91.18	85.21	79.36	76.20	73.33
315.0	189.91	123.42	105.22	93.99	87.67	82.34	78.60	75.08	72.04
360.0	240.06	152.98	112.54	101.83	94.05	87.90	82.05	78.83	75.73

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	72.63	68.88	65.90	63.26	61.04	58.64	56.77	54.84	52.26
45.0	77.54	73.27	70.29	67.30	64.37	61.33	59.28	57.29	55.19
90.0	70.75	67.89	65.08	62.03	60.04	58.17	56.24	53.84	51.68
135.0	72.86	69.99	67.18	63.79	61.51	59.05	57.29	55.42	53.49
180.0	71.22	67.71	65.08	61.98	59.69	58.00	55.71	53.72	51.68
225.0	67.13	64.37	61.39	59.28	57.53	55.71	53.31	51.27	49.10
270.0	69.64	66.89	64.26	61.86	59.81	57.64	55.95	54.13	51.56
315.0	69.17	66.36	62.91	60.69	58.93	56.59	54.72	52.38	50.21
360.0	72.63	68.88	65.90	63.26	61.04	58.64	56.77	54.84	52.26
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	50.10	47.23	45.06	43.19	41.55	39.56	37.98	36.58	35.29
45.0	52.55	50.33	47.93	45.18	43.42	41.73	39.74	38.22	36.34
90.0	49.51	47.11	44.48	42.66	40.97	39.15	37.63	36.17	35.00
135.0	50.80	48.52	46.29	44.24	42.02	40.38	38.92	37.45	35.82
180.0	49.51	46.64	44.48	42.60	40.97	39.03	37.57	36.23	34.94
225.0	46.17	44.01	42.31	40.32	38.86	37.45	35.82	34.88	34.18
270.0	49.39	46.53	44.36	42.55	40.61	39.21	37.92	36.64	35.29
315.0	47.93	45.12	43.25	41.67	40.15	38.39	37.04	35.82	34.82
360.0	50.10	47.23	45.06	43.19	41.55	39.56	37.98	36.58	35.29
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	34.35	33.59	32.36	30.31	29.26	29.03	28.91	28.85	28.79
45.0	35.23	34.53	33.77	32.19	30.55	29.55	29.26	29.03	28.97
90.0	34.24	33.18	31.60	29.85	29.09	28.79	28.68	28.62	28.56
135.0	34.94	34.00	32.83	31.25	29.14	28.68	28.44	28.32	28.27
180.0	34.18	33.36	31.66	29.90	28.62	28.32	28.09	27.97	27.74
225.0	33.36	31.60	29.73	28.62	28.27	27.92	27.80	27.62	27.33
270.0	34.53	33.77	32.54	30.26	28.97	28.68	28.38	28.32	28.15
315.0	33.77	32.77	31.19	29.26	28.79	28.68	28.50	28.50	28.44
360.0	34.35	33.59	32.36	30.31	29.26	29.03	28.91	28.85	28.79
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	28.73	28.62	28.32	27.92	27.27	26.63	25.87	25.05	23.94
45.0	28.85	28.68	28.56	28.32	27.86	27.21	26.57	25.69	24.87
90.0	28.38	28.27	28.09	27.74	26.98	26.34	25.40	24.76	24.05
135.0	28.15	28.03	27.80	27.33	26.86	26.28	25.46	24.64	23.64
180.0	27.56	27.39	27.21	26.80	26.22	25.69	24.93	24.05	23.06
225.0	27.21	27.04	26.74	26.34	25.81	24.93	24.05	23.23	22.24
270.0	28.09	27.92	27.86	27.45	26.98	26.34	25.69	24.81	24.05
315.0	28.44	28.38	28.09	27.68	26.92	26.22	25.46	24.64	23.41
360.0	28.73	28.62	28.32	27.92	27.27	26.63	25.87	25.05	23.94
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	23.00	21.71	20.25	18.26	16.62	15.98	15.63	15.22	14.92
45.0	24.11	22.94	21.77	20.19	17.79	16.44	15.86	15.51	15.10
90.0	23.17	22.24	20.66	17.73	16.39	15.74	15.45	15.10	14.81
135.0	22.88	22.24	21.36	19.90	17.62	16.09	15.57	15.22	14.92
180.0	21.89	21.01	20.07	18.49	16.85	15.80	15.39	15.04	14.86
225.0	21.48	20.37	18.32	16.74	15.80	15.39	15.04	14.81	14.86
270.0	23.23	22.12	20.66	18.02	16.33	15.74	15.39	15.04	14.81
315.0	22.41	20.95	18.90	16.97	16.04	15.57	15.27	14.92	14.75
360.0	23.00	21.71	20.25	18.26	16.62	15.98	15.63	15.22	14.92

Intensity data(cd)

C/γ(°)	90.0
0.0	14.86
45.0	14.81
90.0	14.81
135.0	14.86
180.0	14.86
225.0	14.86
270.0	14.86
315.0	14.81
360.0	14.86