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NT

Client:

LumCAT: 2-2520-L

Luminaire: 92.70.412.00

Report No: 2024813-B030

Ballast type: AC

Test No: 2024813-C030

Voltage(V): 35.050

LampCAT: TRIDONIC SLE G7 15MM

Current(A): 0.702

Lamp flux(lm): 4107.0

Power (W): 24.605

Number of Lamps: 1

PF: 0.000

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 3755.47, Efficiency(%): 91.44% , Luminous Efficacy(lm/W): 152.63

Central intensity(cd): 8282.310, Maximum intensity(cd): 8282.310

Angle of maximum intensity: C=0.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=38.6

[C90/270]Total=38.6

Field angle(10%Imax): [C0/180]Total=63.0

[C90/270]Total=63.0

Maximum s/h(1/2): C0_180=0.65 C90_270=0.65

Maximum s/h(1/4): C0_180=0.60 C90_270=0.60

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 91.44%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 97.973%

Equipment: GMS1980
Temperature(°C): 25.0

Date: 2024/8/13
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	8282.309	0.000	0	0.00%	0.00%
1.0	8276.530	7.923	7.923	0.19%	0.21%
2.0	8240.758	23.707	31.63	0.58%	0.84%
3.0	8179.236	39.271	70.902	0.96%	1.89%
4.0	8100.962	54.495	125.397	1.33%	3.34%
5.0	8007.619	69.298	194.695	1.69%	5.18%
6.0	7886.185	83.526	278.221	2.03%	7.41%
7.0	7748.803	97.046	375.267	2.36%	9.99%
8.0	7607.471	109.902	485.169	2.68%	12.92%
9.0	7441.048	121.960	607.129	2.97%	16.17%
10.0	7264.237	133.077	740.207	3.24%	19.71%
11.0	7074.258	143.271	883.478	3.49%	23.53%
12.0	6840.680	152.110	1035.588	3.70%	27.58%
13.0	6591.960	159.412	1194.999	3.88%	31.82%
14.0	6305.273	165.083	1360.083	4.02%	36.22%
15.0	5970.451	168.527	1528.609	4.10%	40.70%
16.0	5602.198	169.572	1698.181	4.13%	45.22%
17.0	5180.617	167.917	1866.099	4.09%	49.69%
18.0	4750.257	163.739	2029.837	3.99%	54.05%
19.0	4288.295	157.252	2187.089	3.83%	58.24%
20.0	3830.210	148.591	2335.681	3.62%	62.19%
21.0	3420.699	139.232	2474.913	3.39%	65.90%
22.0	3029.695	129.623	2604.536	3.16%	69.35%
23.0	2698.458	120.192	2724.728	2.93%	72.55%
24.0	2379.583	111.024	2835.752	2.70%	75.51%
25.0	2114.989	102.197	2937.949	2.49%	78.23%
26.0	1878.046	94.256	3032.205	2.30%	80.74%
27.0	1623.619	85.669	3117.874	2.09%	83.02%
28.0	1358.783	75.508	3193.382	1.84%	85.03%
29.0	1264.232	68.625	3262.008	1.67%	86.86%
30.0	1095.095	63.701	3325.709	1.55%	88.56%
31.0	914.838	55.934	3381.643	1.36%	90.05%
32.0	739.132	47.384	3429.027	1.15%	91.31%
33.0	571.875	38.623	3467.65	0.94%	92.34%
34.0	427.521	30.245	3497.894	0.74%	93.14%
35.0	308.406	22.855	3520.75	0.56%	93.75%
36.0	245.173	17.626	3538.376	0.43%	94.22%
37.0	219.423	15.153	3553.528	0.37%	94.62%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	148.845	12.292	3565.82	0.30%	94.95%
39.0	128.691	9.473	3575.294	0.23%	95.20%
40.0	114.463	8.480	3583.774	0.21%	95.43%
41.0	102.744	7.735	3591.508	0.19%	95.63%
42.0	92.707	7.101	3598.61	0.17%	95.82%
43.0	83.475	6.526	3605.136	0.16%	96.00%
44.0	76.789	6.049	3611.185	0.15%	96.16%
45.0	70.498	5.660	3616.845	0.14%	96.31%
46.0	65.640	5.324	3622.169	0.13%	96.45%
47.0	61.419	5.053	3627.223	0.12%	96.58%
48.0	57.601	4.811	3632.034	0.12%	96.71%
49.0	54.580	4.607	3636.641	0.11%	96.84%
50.0	51.770	4.434	3641.075	0.11%	96.95%
51.0	49.415	4.281	3645.356	0.10%	97.07%
52.0	47.337	4.152	3649.508	0.10%	97.18%
53.0	45.392	4.034	3653.541	0.10%	97.29%
54.0	43.746	3.929	3657.47	0.10%	97.39%
55.0	42.187	3.836	3661.306	0.09%	97.49%
56.0	40.915	3.755	3665.061	0.09%	97.59%
57.0	39.561	3.680	3668.741	0.09%	97.69%
58.0	38.383	3.604	3672.345	0.09%	97.79%
59.0	37.330	3.540	3675.885	0.09%	97.88%
60.0	36.321	3.480	3679.364	0.08%	97.97%
61.0	35.428	3.424	3682.788	0.08%	98.06%
62.0	34.543	3.372	3686.16	0.08%	98.15%
63.0	33.672	3.318	3689.477	0.08%	98.24%
64.0	32.670	3.255	3692.733	0.08%	98.33%
65.0	31.748	3.188	3695.921	0.08%	98.41%
66.0	30.805	3.121	3699.042	0.08%	98.50%
67.0	29.788	3.047	3702.089	0.07%	98.58%
68.0	28.822	2.969	3705.058	0.07%	98.66%
69.0	27.798	2.889	3707.946	0.07%	98.73%
70.0	26.855	2.807	3710.753	0.07%	98.81%
71.0	25.977	2.731	3713.484	0.07%	98.88%
72.0	25.252	2.664	3716.147	0.06%	98.95%
73.0	24.528	2.603	3718.751	0.06%	99.02%
74.0	23.914	2.547	3721.297	0.06%	99.09%
75.0	23.329	2.496	3723.793	0.06%	99.16%

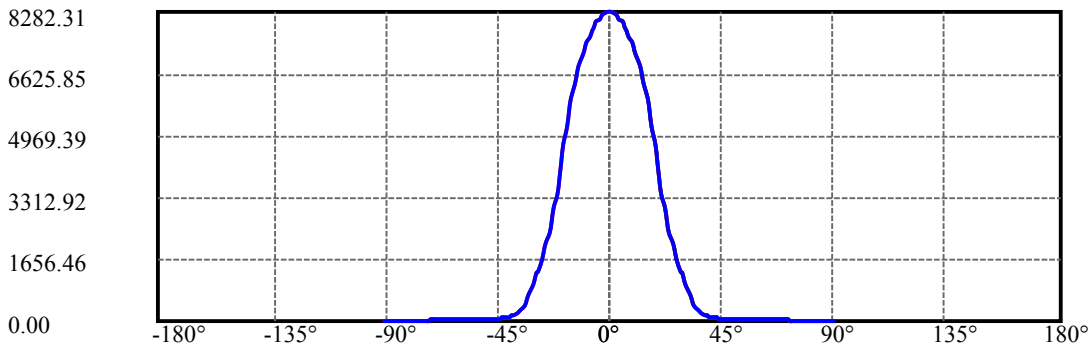
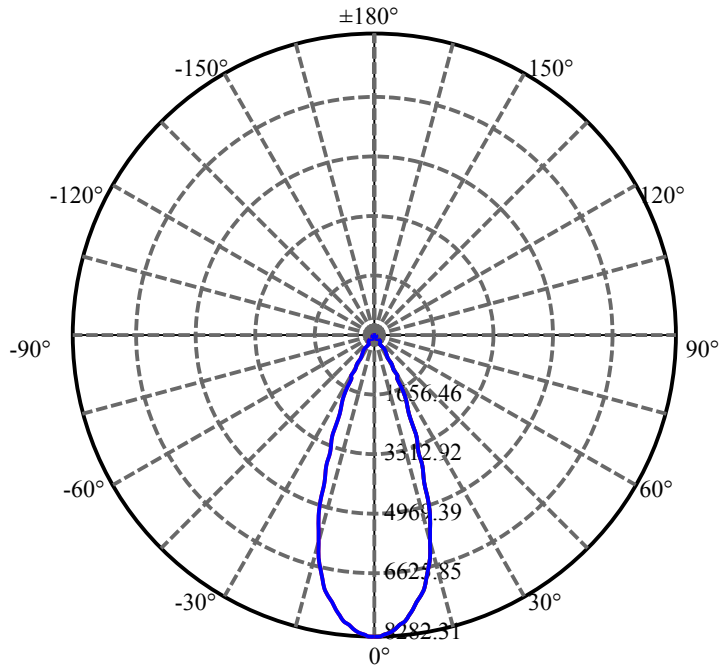
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	22.751	2.446	3726.239	0.06%	99.22%
77.0	22.217	2.397	3728.637	0.06%	99.29%
78.0	21.683	2.350	3730.987	0.06%	99.35%
79.0	21.163	2.302	3733.289	0.06%	99.41%
80.0	20.600	2.252	3735.541	0.05%	99.47%
81.0	20.088	2.200	3737.741	0.05%	99.53%
82.0	19.598	2.152	3739.893	0.05%	99.59%
83.0	19.108	2.104	3741.997	0.05%	99.64%
84.0	18.647	2.057	3744.054	0.05%	99.70%
85.0	18.252	2.014	3746.068	0.05%	99.75%
86.0	17.718	1.966	3748.034	0.05%	99.80%
87.0	17.323	1.918	3749.951	0.05%	99.85%
88.0	16.942	1.877	3751.828	0.05%	99.90%
89.0	16.584	1.838	3753.666	0.04%	99.95%
90.0	16.401	1.808	3755.475	0.04%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	3325.71	80.98%	88.56%
0-40	3583.77	87.26%	95.43%
0-60	3679.36	89.59%	97.97%
0-90	3753.67	91.40%	99.95%
0-120	3753.67	91.40%	99.95%
0-180	3755.47	91.44%	100.00%
60-90	74.30	1.81%	1.98%
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%
0-25.70	3004.38	73.15%	80.00%

ZONAL LUMEN SUMMARY

0-10	740.21
10-20	1595.47
20-30	990.03
30-40	258.06
40-50	57.30
50-60	38.29
60-70	31.39
70-80	24.79
80-90	18.13
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: —————

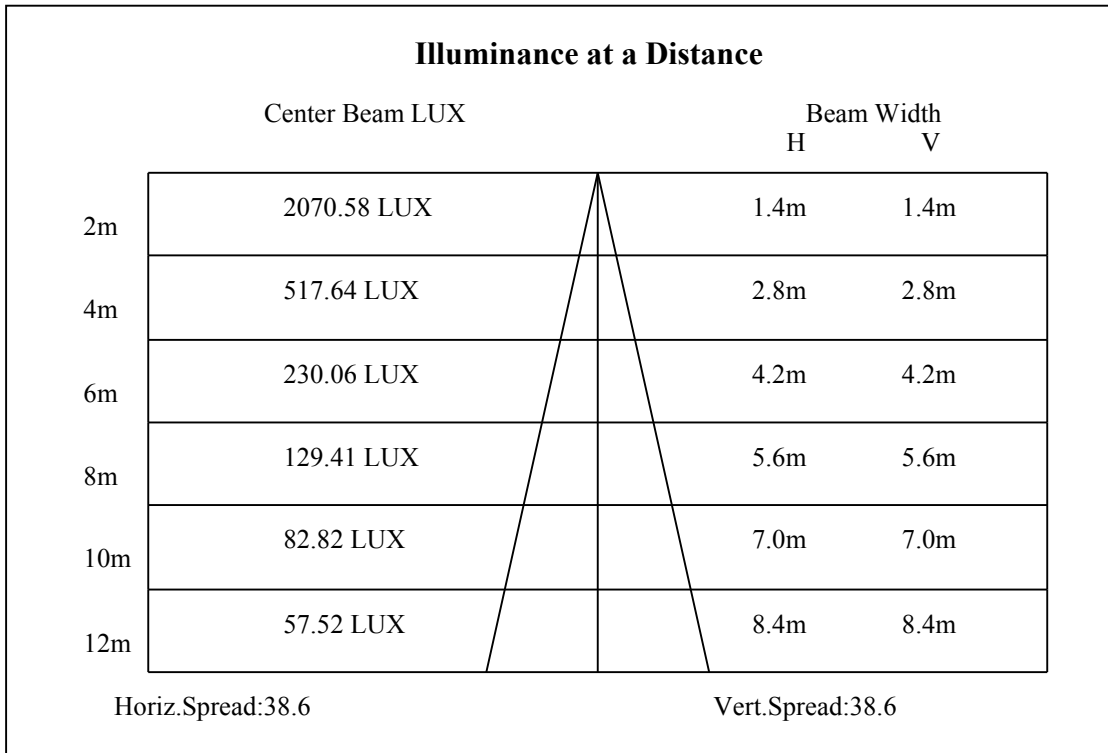
C90/C270: —————

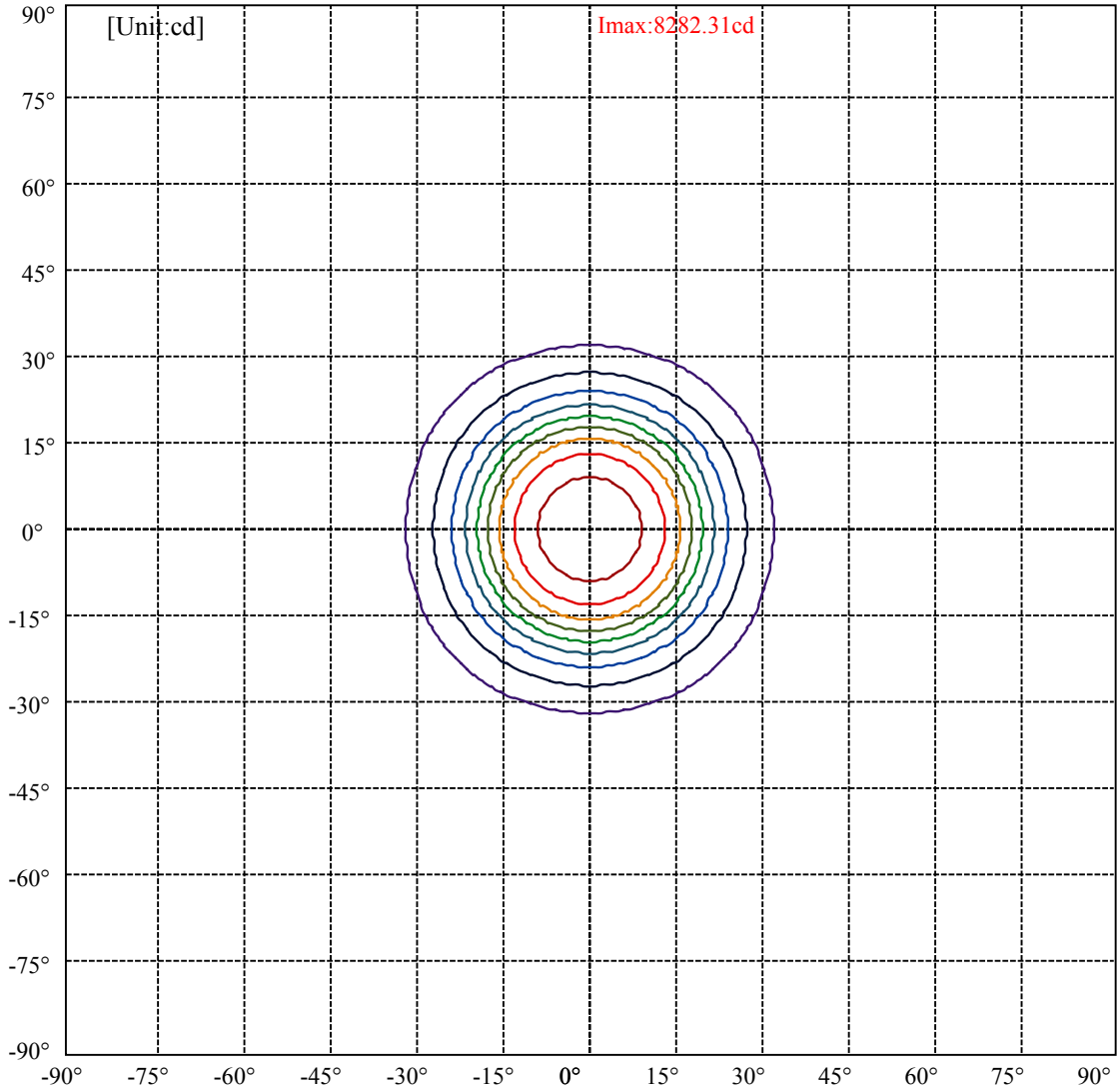
Field angle(10%Imax):C0/180Left:31.5 Right:31.5

:C90/270Left:31.5 Right:31.5

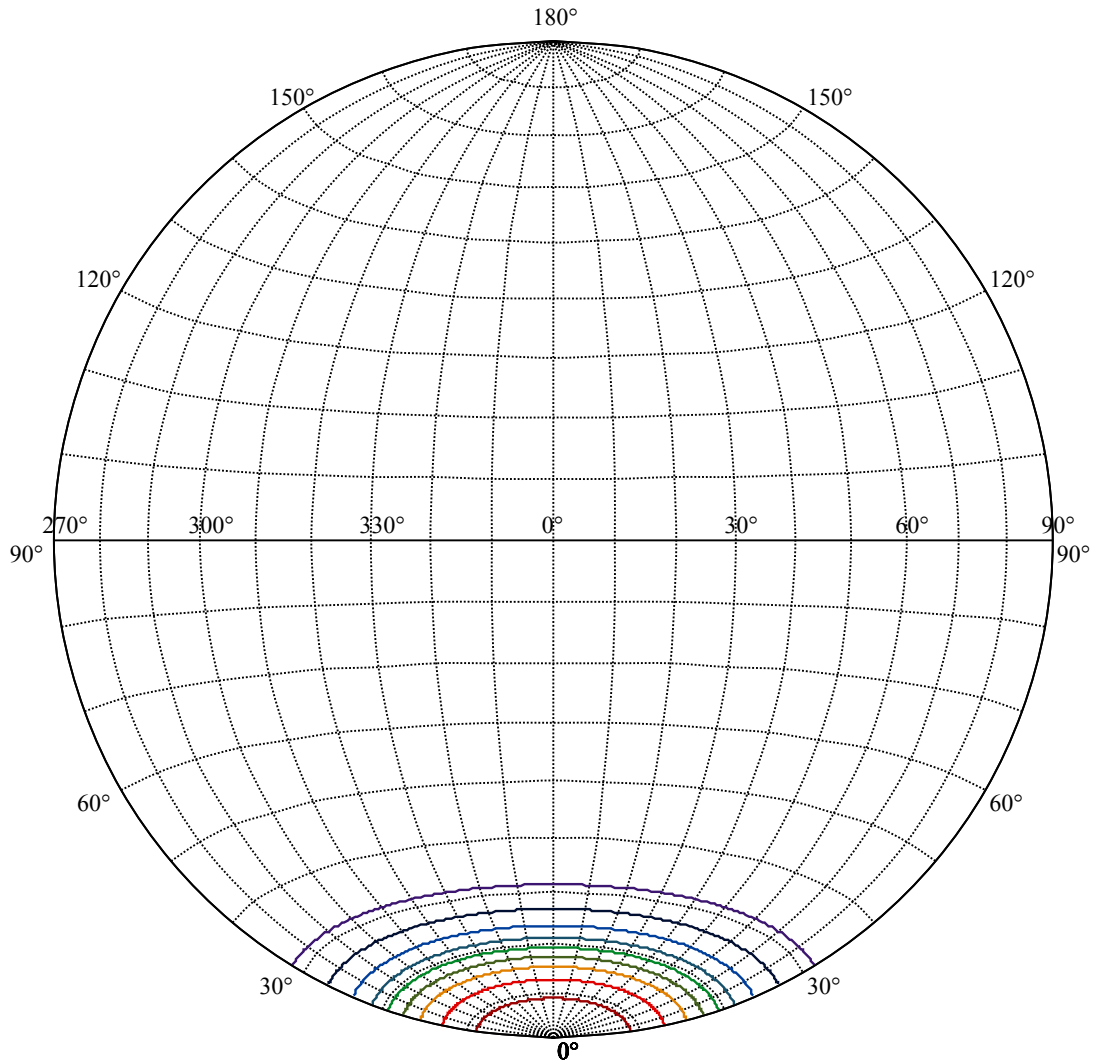
Beam Angle(50%Imax):C0/180Left:19.3 Right:19.3

:C90/270Left:19.3 Right:19.3





(10%Imax) 828.231	—
(20%Imax) 1656.46	—
(30%Imax) 2484.69	—
(40%Imax) 3312.92	—
(50%Imax) 4141.15	—
(60%Imax) 4969.39	—
(70%Imax) 5797.62	—
(80%Imax) 6625.85	—
(90%Imax) 7454.08	—



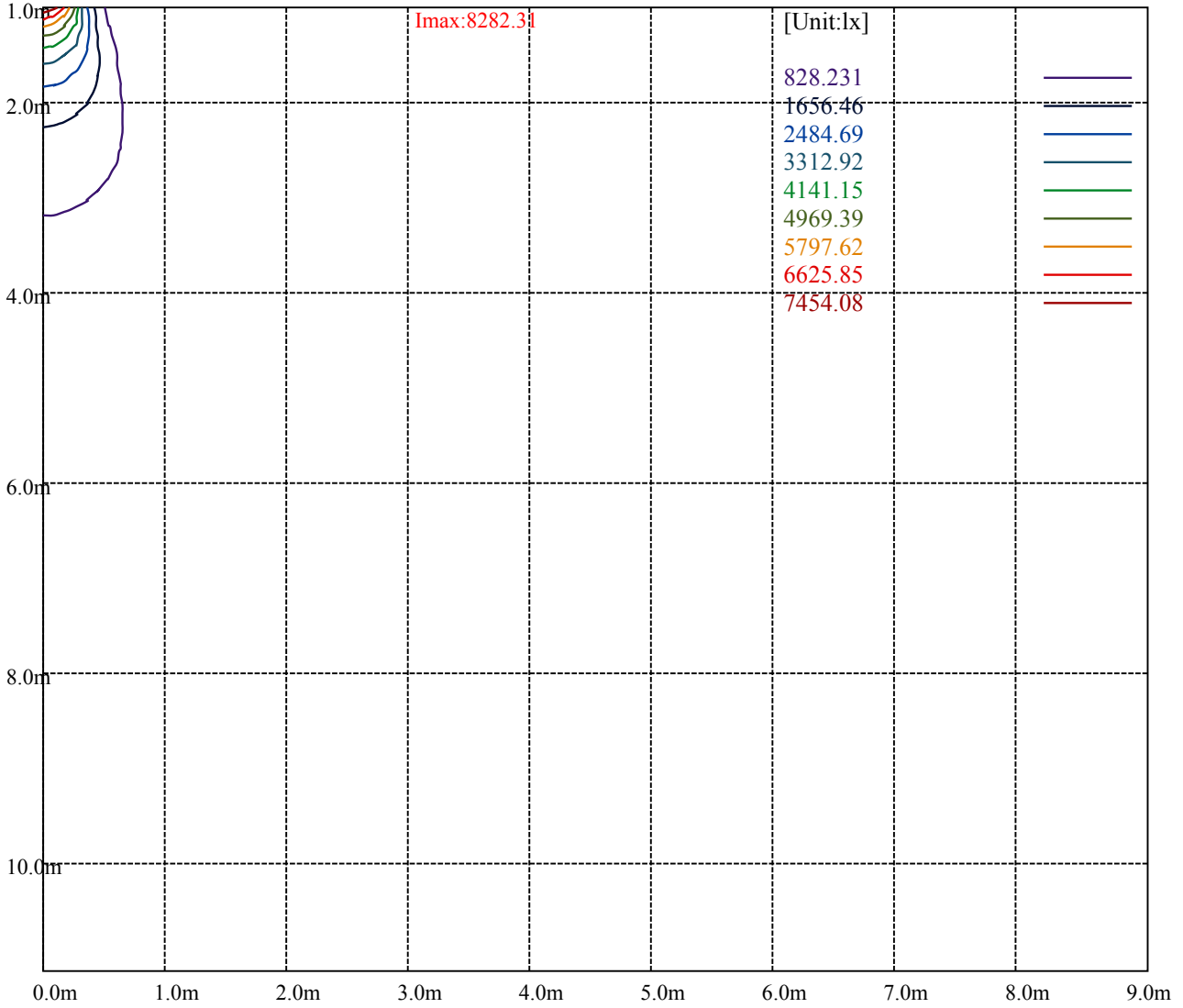
House

[Unit:cd]

Road

I_{max}:8282.31

(10%I _{max})	828.231	—
(20%I _{max})	1656.46	—
(30%I _{max})	2484.69	—
(40%I _{max})	3312.92	—
(50%I _{max})	4141.15	—
(60%I _{max})	4969.39	—
(70%I _{max})	5797.62	—
(80%I _{max})	6625.85	—
(90%I _{max})	7454.08	—



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

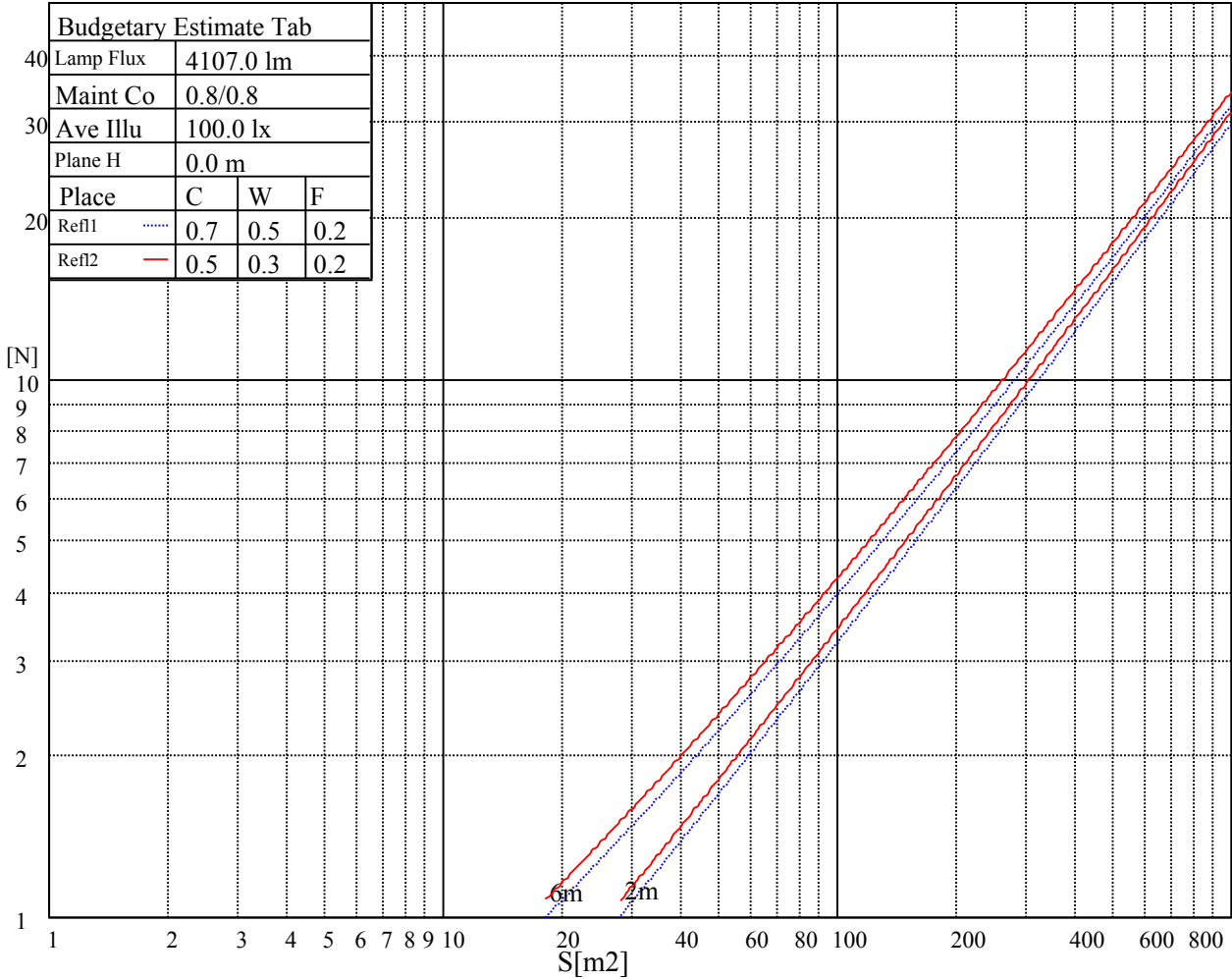
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

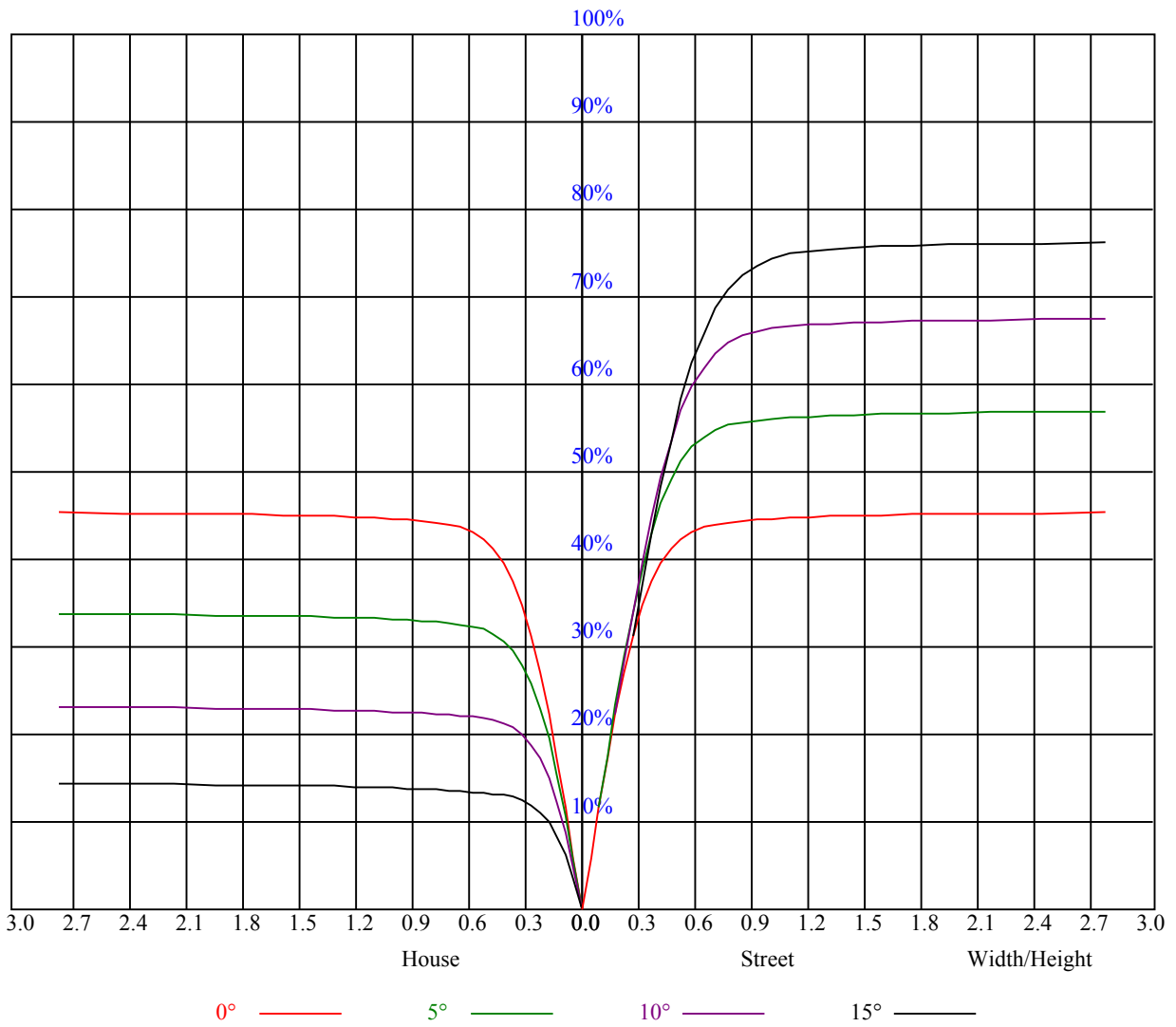


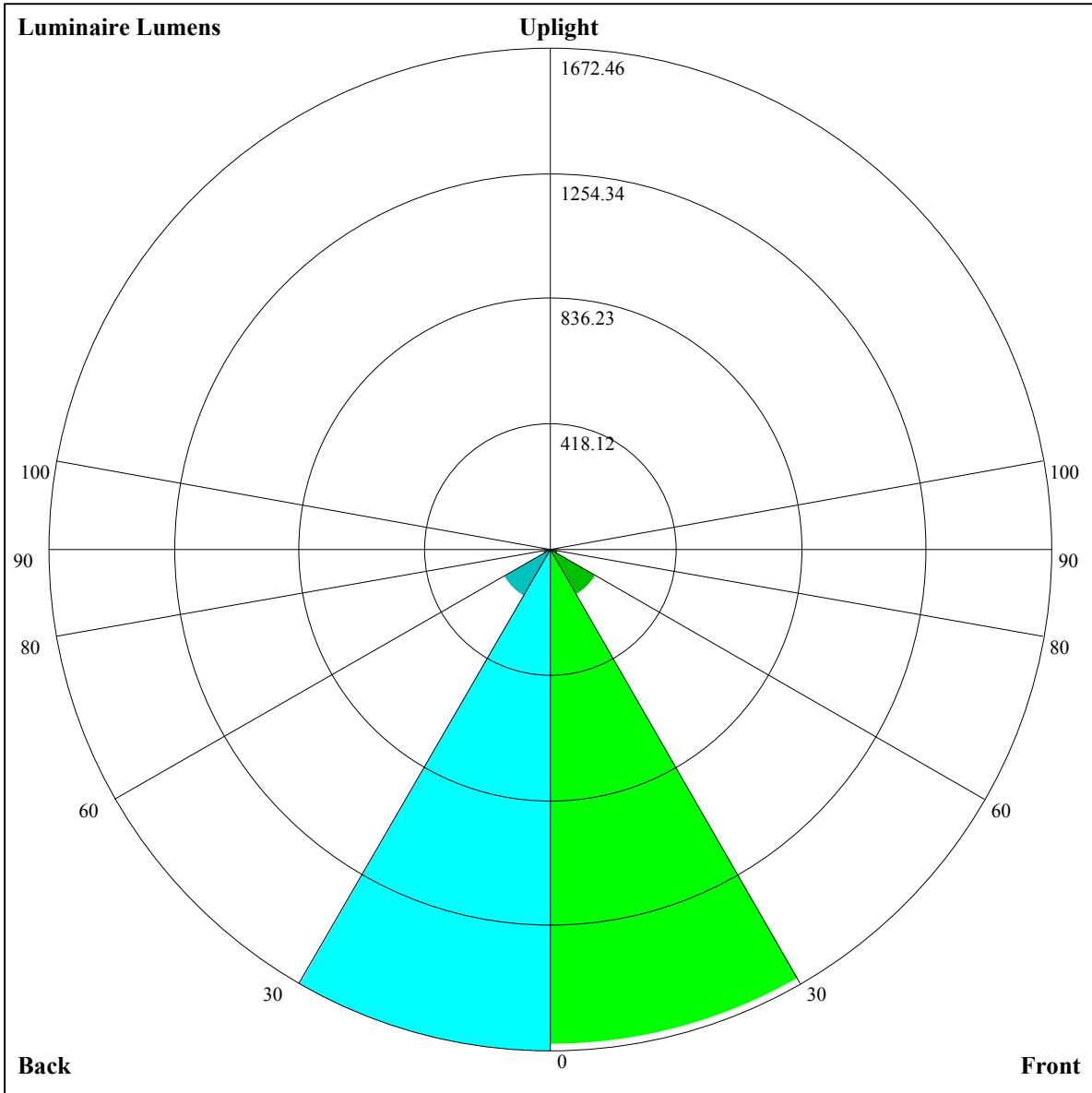
Illumination assessment according UGR										
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30
Rf of Wall	50	30	50	30	30	50	30	50	30	30
Rf of Floor	20	20	20	20	20	20	20	20	20	20
Room dimensions	Viewed crosswise					Viewed endwise				
X	Y									
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字
	3H	非数字	非数字	非数字	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
4H	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
	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	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	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 RHOFC=20 CU															
0	1.09	1.09	1.09	1.06	1.06	1.06	1.02	1.02	1.02	0.97	0.97	0.97	0.93	0.93	0.93	0.91
1	1.02	1.00	0.98	1.00	0.98	0.96	0.96	0.95	0.93	0.93	0.92	0.91	0.90	0.89	0.88	0.86
2	0.96	0.93	0.90	0.94	0.91	0.89	0.91	0.89	0.87	0.89	0.87	0.85	0.86	0.85	0.83	0.82
3	0.91	0.87	0.84	0.89	0.86	0.83	0.87	0.84	0.82	0.85	0.82	0.80	0.83	0.81	0.79	0.78
4	0.86	0.82	0.78	0.85	0.81	0.78	0.83	0.80	0.77	0.81	0.79	0.76	0.80	0.77	0.75	0.74
5	0.82	0.77	0.74	0.81	0.77	0.74	0.80	0.76	0.73	0.78	0.75	0.72	0.77	0.74	0.72	0.71
6	0.78	0.74	0.70	0.78	0.73	0.70	0.76	0.72	0.70	0.75	0.72	0.69	0.74	0.71	0.69	0.68
7	0.75	0.70	0.67	0.74	0.70	0.67	0.73	0.69	0.66	0.72	0.69	0.66	0.71	0.68	0.66	0.65
8	0.72	0.67	0.64	0.71	0.67	0.64	0.70	0.66	0.64	0.69	0.66	0.63	0.69	0.65	0.63	0.62
9	0.69	0.64	0.61	0.68	0.64	0.61	0.68	0.64	0.61	0.67	0.63	0.61	0.66	0.63	0.61	0.59
10	0.66	0.62	0.59	0.66	0.61	0.59	0.65	0.61	0.58	0.64	0.61	0.58	0.64	0.61	0.58	0.57





Luminaire Lumens:

FL=1649.15,FM=173.74,FH=27.51,FVH=9.92

BL=1672.46,BM=182.96,BH=28.66,BVH=10.03

UL=0,UH=0

BUG Rating:B3-U0-G1

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	8269.87	8245.88	8224.23	8162.78	8091.96	7986.04	7870.75	7747.27	7574.04
45.0	8273.38	8286.26	8267.53	8244.71	8177.41	8151.66	8051.58	7925.76	7801.69
90.0	8299.13	8304.99	8282.75	8230.08	8145.81	8039.88	7946.83	7778.28	7674.11
135.0	8286.84	8306.74	8306.74	8274.55	8207.84	8140.54	8019.98	7926.35	7789.40
180.0	8269.87	8291.53	8248.22	8193.79	8139.37	8022.91	7919.32	7805.20	7653.05
225.0	8273.38	8225.98	8149.90	8053.34	7942.15	7836.22	7655.39	7492.11	7335.85
270.0	8299.13	8299.13	8251.15	8160.44	8062.70	7951.51	7838.56	7671.19	7537.76
315.0	8286.84	8251.73	8195.55	8114.20	8040.46	7932.20	7787.06	7644.27	7493.86
360.0	8269.87	8245.88	8224.23	8162.78	8091.96	7986.04	7870.75	7747.27	7574.04
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	7410.18	7218.22	7036.80	6748.87	6484.94	6192.91	5781.50	5406.95	4900.15
45.0	7671.19	7525.47	7330.00	7060.80	6821.44	6562.77	6184.13	5873.38	5519.32
90.0	7502.64	7314.79	7045.58	6817.93	6557.50	6278.94	5878.64	5521.07	5130.73
135.0	7612.67	7478.65	7308.93	7076.01	6870.60	6624.22	6350.92	5938.92	5556.18
180.0	7492.69	7336.44	7181.35	7026.86	6761.75	6501.32	6225.10	5908.49	5442.07
225.0	7177.26	6961.90	6777.55	6559.85	6318.73	5972.28	5650.41	5284.06	4792.47
270.0	7371.55	7176.67	7012.22	6822.61	6550.48	6314.64	6040.17	5614.71	5248.36
315.0	7290.21	7101.76	6901.62	6612.52	6370.23	5995.10	5652.75	5270.01	4855.67
360.0	7410.18	7218.22	7036.80	6748.87	6484.94	6192.91	5781.50	5406.95	4900.15
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	4482.88	4056.25	3647.77	3172.56	2839.57	2534.67	2274.83	1986.90	1782.07
45.0	5045.28	4633.28	4117.12	3715.65	3331.74	2986.46	2592.02	2324.57	2079.95
90.0	4728.68	4213.68	3814.56	3348.72	3001.09	2677.46	2331.59	2083.46	1849.95
135.0	5157.65	4731.60	4204.90	3778.86	3302.48	2952.52	2637.67	2290.04	2049.52
180.0	5029.48	4491.66	4019.97	3605.04	3147.98	2809.72	2490.19	2211.62	1915.50
225.0	4379.88	3852.01	3459.91	3103.51	2781.63	2411.77	2151.35	1924.28	1722.38
270.0	4857.43	4429.63	3889.46	3520.19	3133.35	2812.65	2408.84	2159.54	1927.20
315.0	4320.77	3898.24	3488.00	3121.06	2699.70	2402.41	2150.18	1939.49	1697.80
360.0	4482.88	4056.25	3647.77	3172.56	2839.57	2534.67	2274.83	1986.90	1782.07
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	1585.43	1148.91	1148.91	1023.85	858.58	658.85	511.08	347.92	248.31
45.0	1851.71	1600.65	1419.81	1238.39	1071.02	866.19	704.67	520.32	389.82
90.0	1590.70	1139.61	1139.61	1055.34	845.42	681.49	532.91	399.94	269.26
135.0	1825.38	1624.06	1441.47	1238.98	1075.70	916.52	714.03	561.87	421.42
180.0	1707.75	1525.15	1353.68	1151.20	992.60	831.66	633.27	488.72	359.39
225.0	1359.54	1148.27	1148.27	981.07	772.97	614.25	434.65	314.56	228.00
270.0	1692.53	1518.13	1338.47	1109.65	944.03	740.95	583.53	448.34	328.37
315.0	1375.92	1165.48	1123.63	962.29	758.39	603.13	460.86	338.49	222.68
360.0	1585.43	1148.91	1148.91	1023.85	858.58	658.85	511.08	347.92	248.31
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	191.54	163.34	136.01	119.56	107.80	97.62	86.26	78.54	72.45
45.0	305.55	305.55	167.73	145.08	127.46	112.19	101.89	92.29	83.98
90.0	205.18	172.23	145.02	127.75	112.77	102.12	92.99	82.98	76.66
135.0	302.03	302.03	166.91	140.10	124.18	109.20	99.25	90.36	82.46
180.0	303.79	303.79	160.70	136.36	121.61	109.85	99.37	88.37	80.94
225.0	175.10	152.69	134.78	118.10	106.86	96.68	87.96	79.01	73.45
270.0	302.03	204.36	148.71	130.97	114.47	103.76	94.10	83.51	77.07
315.0	176.15	151.40	130.91	111.60	100.54	90.53	79.82	72.74	67.30
360.0	191.54	163.34	136.01	119.56	107.80	97.62	86.26	78.54	72.45

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	65.95	61.39	57.82	53.96	51.44	48.57	46.76	45.06	43.54
45.0	75.85	70.29	65.43	60.10	56.71	53.67	50.39	48.11	45.82
90.0	71.22	66.48	62.33	58.05	55.01	52.26	49.86	47.29	45.47
135.0	74.56	69.47	64.96	60.98	57.82	54.07	51.44	49.22	46.76
180.0	74.91	69.76	64.32	60.86	57.76	54.43	52.03	50.04	47.75
225.0	68.47	64.26	59.87	56.88	53.55	51.21	49.16	46.88	45.18
270.0	71.63	65.84	62.15	58.87	55.60	53.20	51.09	49.04	46.99
315.0	61.39	57.64	54.48	51.09	48.75	46.76	44.59	43.07	41.61
360.0	65.95	61.39	57.82	53.96	51.44	48.57	46.76	45.06	43.54
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	41.79	40.44	39.33	38.16	36.75	35.76	34.88	34.12	33.12
45.0	44.13	42.60	41.26	39.62	38.39	37.28	36.17	35.35	34.29
90.0	43.48	42.02	40.73	39.15	38.04	36.99	36.05	34.94	34.18
135.0	45.00	42.96	41.67	40.32	38.86	37.86	37.04	36.34	35.64
180.0	46.06	44.30	43.01	41.73	40.50	39.21	38.45	37.57	36.75
225.0	43.72	42.31	40.85	39.68	38.62	37.75	36.52	35.70	34.82
270.0	45.35	43.83	42.60	41.02	39.97	38.98	37.57	36.52	35.41
315.0	40.44	39.03	37.86	36.81	35.93	34.82	33.88	32.89	32.13
360.0	41.79	40.44	39.33	38.16	36.75	35.76	34.88	34.12	33.12
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	32.36	31.25	30.26	29.26	28.15	27.21	26.28	25.40	24.52
45.0	33.47	32.60	31.78	31.02	29.85	29.03	28.03	27.10	26.04
90.0	33.47	32.48	31.49	30.55	29.55	28.27	27.21	26.34	25.46
135.0	34.82	34.00	33.24	32.54	31.54	30.78	29.79	28.97	28.03
180.0	35.58	34.65	33.77	32.89	31.84	31.02	29.96	29.03	28.21
225.0	33.94	32.83	31.78	30.72	29.73	28.73	27.56	26.63	25.87
270.0	34.47	33.47	32.48	31.13	30.14	29.09	27.92	26.57	25.52
315.0	31.25	30.08	29.20	28.32	27.51	26.45	25.63	24.81	24.17
360.0	32.36	31.25	30.26	29.26	28.15	27.21	26.28	25.40	24.52
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	24.05	23.53	23.12	22.53	22.06	21.65	21.07	20.60	20.13
45.0	25.40	24.87	24.23	23.76	23.23	22.77	22.18	21.71	21.24
90.0	24.87	24.23	23.70	23.17	22.65	22.00	21.48	20.95	20.42
135.0	27.21	25.81	24.76	23.94	23.35	22.77	22.30	21.65	21.13
180.0	26.74	25.75	24.99	24.29	23.47	22.88	22.36	21.83	21.19
225.0	25.34	24.58	24.05	23.53	22.94	22.30	21.77	21.24	20.54
270.0	24.81	24.29	23.70	23.23	22.59	22.12	21.59	21.07	20.54
315.0	23.58	23.17	22.77	22.18	21.71	21.24	20.72	20.25	19.61
360.0	24.05	23.53	23.12	22.53	22.06	21.65	21.07	20.60	20.13
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	19.55	19.20	18.73	18.26	17.97	17.50	17.15	16.80	16.44
45.0	20.60	20.13	19.55	19.14	18.73	18.26	17.79	17.38	16.97
90.0	19.90	19.37	18.84	18.43	18.08	17.44	17.15	16.80	16.44
135.0	20.66	20.07	19.55	19.02	18.55	18.02	17.50	17.03	16.68
180.0	20.66	20.07	19.66	19.08	18.73	17.97	17.50	17.15	16.74
225.0	20.07	19.61	19.08	18.73	18.14	17.67	17.38	16.85	16.44
270.0	20.01	19.49	19.02	18.55	18.14	17.67	17.21	16.97	16.56
315.0	19.25	18.84	18.43	17.97	17.67	17.21	16.91	16.56	16.39
360.0	19.55	19.20	18.73	18.26	17.97	17.50	17.15	16.80	16.44

Intensity data(cd)

C/ γ (°)	90.0
0.0	16.39
45.0	16.44
90.0	16.39
135.0	16.39
180.0	16.44
225.0	16.39
270.0	16.39
315.0	16.39
360.0	16.39