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NT

Client:

LumCAT: 2-2456-L

Luminaire: 92.70.412.00

Report No: 2024813-B003

Ballast type: AC

Test No: 2024813-C003

Voltage(V): 35.090

LampCAT: TRIDONIC SLE G7 15MM

Current(A): 0.702

Lamp flux(lm): 4107.0

Power (W): 24.633

Number of Lamps: 1

PF: 0.000

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 3692.45, Efficiency(%): 89.91% , Luminous Efficacy(lm/W): 149.90

Central intensity(cd): 8057.145, Maximum intensity(cd): 8057.145

Angle of maximum intensity: C=0.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=37.4

[C90/270]Total=37.4

Field angle(10%Imax): [C0/180]Total=65.4

[C90/270]Total=65.4

Maximum s/h(1/2): C0_180=0.61 C90_270=0.61

Maximum s/h(1/4): C0_180=0.62 C90_270=0.62

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 89.91%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 98.004%

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	8057.144	0.000	0	0.00%	0.00%
1.0	8038.417	7.701	7.701	0.19%	0.21%
2.0	8004.766	23.027	30.728	0.56%	0.83%
3.0	7931.028	38.113	68.841	0.93%	1.86%
4.0	7829.272	52.755	121.596	1.28%	3.29%
5.0	7689.330	66.760	188.356	1.63%	5.10%
6.0	7527.735	79.970	268.326	1.95%	7.27%
7.0	7345.144	92.316	360.642	2.25%	9.77%
8.0	7129.782	103.594	464.236	2.52%	12.57%
9.0	6887.133	113.599	577.835	2.77%	15.65%
10.0	6621.660	122.250	700.085	2.98%	18.96%
11.0	6366.721	129.781	829.866	3.16%	22.47%
12.0	6076.084	136.018	965.883	3.31%	26.16%
13.0	5765.915	140.535	1106.418	3.42%	29.96%
14.0	5468.694	143.802	1250.22	3.50%	33.86%
15.0	5166.717	146.008	1396.228	3.56%	37.81%
16.0	4854.646	146.841	1543.069	3.58%	41.79%
17.0	4544.623	146.372	1689.441	3.56%	45.75%
18.0	4241.257	144.860	1834.301	3.53%	49.68%
19.0	3922.383	142.031	1976.331	3.46%	53.52%
20.0	3621.358	138.071	2114.403	3.36%	57.26%
21.0	3318.504	133.259	2247.662	3.24%	60.87%
22.0	3031.817	127.612	2375.275	3.11%	64.33%
23.0	2769.563	121.729	2497.003	2.96%	67.62%
24.0	2513.966	115.517	2612.52	2.81%	70.75%
25.0	2278.925	108.980	2721.5	2.65%	73.70%
26.0	2046.590	102.104	2823.604	2.49%	76.47%
27.0	1838.616	95.052	2918.657	2.31%	79.04%
28.0	1595.894	86.955	3005.611	2.12%	81.40%
29.0	1346.222	76.974	3082.585	1.87%	83.48%
30.0	1244.832	69.958	3152.543	1.70%	85.38%
31.0	1067.677	64.354	3216.897	1.57%	87.12%
32.0	903.800	56.480	3273.378	1.38%	88.65%
33.0	759.549	49.003	3322.38	1.19%	89.98%
34.0	628.071	41.993	3364.374	1.02%	91.12%
35.0	517.412	35.574	3399.948	0.87%	92.08%
36.0	427.573	30.089	3430.037	0.73%	92.89%
37.0	345.239	25.205	3455.242	0.61%	93.58%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	275.085	20.706	3475.947	0.50%	94.14%
39.0	245.429	17.767	3493.714	0.43%	94.62%
40.0	205.392	15.723	3509.437	0.38%	95.04%
41.0	141.741	12.361	3521.798	0.30%	95.38%
42.0	118.925	9.470	3531.269	0.23%	95.63%
43.0	101.851	8.178	3539.447	0.20%	95.86%
44.0	90.212	7.249	3546.696	0.18%	96.05%
45.0	80.922	6.577	3553.273	0.16%	96.23%
46.0	73.629	6.044	3559.317	0.15%	96.39%
47.0	67.864	5.628	3564.944	0.14%	96.55%
48.0	62.904	5.286	3570.231	0.13%	96.69%
49.0	58.815	4.998	3575.229	0.12%	96.83%
50.0	54.975	4.744	3579.973	0.12%	96.95%
51.0	51.844	4.519	3584.493	0.11%	97.08%
52.0	48.983	4.327	3588.819	0.11%	97.19%
53.0	46.657	4.160	3592.98	0.10%	97.31%
54.0	44.441	4.015	3596.995	0.10%	97.41%
55.0	42.480	3.880	3600.875	0.09%	97.52%
56.0	40.761	3.761	3604.636	0.09%	97.62%
57.0	39.291	3.660	3608.296	0.09%	97.72%
58.0	37.864	3.568	3611.864	0.09%	97.82%
59.0	36.452	3.474	3615.339	0.08%	97.91%
60.0	35.318	3.391	3618.729	0.08%	98.00%
61.0	34.294	3.322	3622.051	0.08%	98.09%
62.0	33.248	3.255	3625.306	0.08%	98.18%
63.0	32.290	3.187	3628.493	0.08%	98.27%
64.0	31.397	3.125	3631.618	0.08%	98.35%
65.0	30.593	3.068	3634.686	0.07%	98.44%
66.0	29.642	3.005	3637.692	0.07%	98.52%
67.0	28.822	2.940	3640.631	0.07%	98.60%
68.0	27.988	2.878	3643.509	0.07%	98.67%
69.0	27.111	2.811	3646.32	0.07%	98.75%
70.0	26.284	2.742	3649.062	0.07%	98.83%
71.0	25.399	2.671	3651.734	0.07%	98.90%
72.0	24.543	2.597	3654.33	0.06%	98.97%
73.0	23.746	2.525	3656.856	0.06%	99.04%
74.0	23.065	2.461	3659.316	0.06%	99.10%
75.0	22.524	2.409	3661.725	0.06%	99.17%

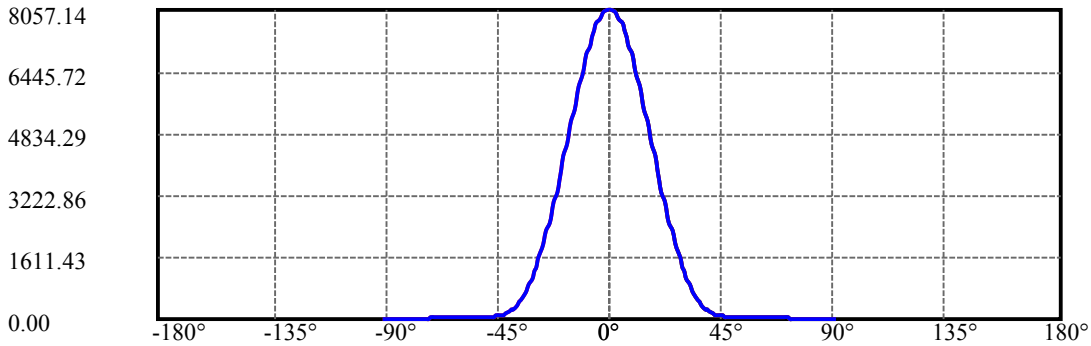
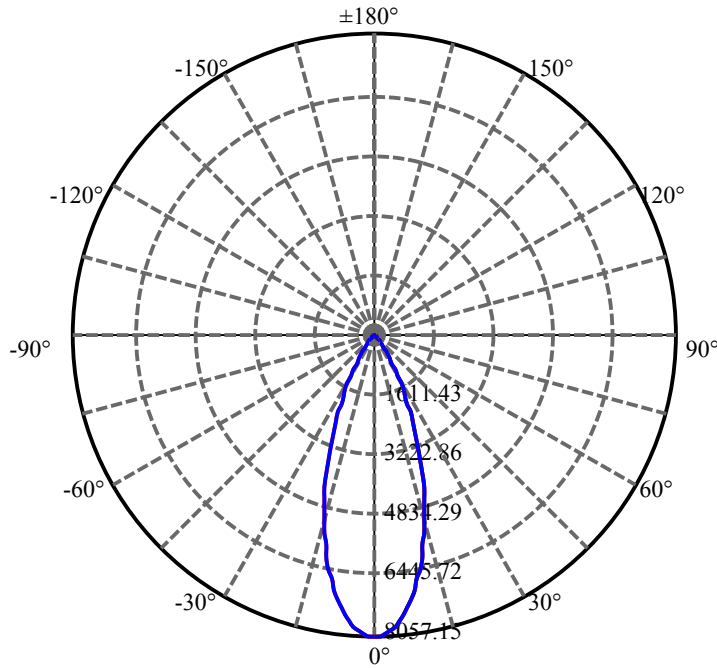
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	21.924	2.359	3664.085	0.06%	99.23%
77.0	21.419	2.311	3666.396	0.06%	99.29%
78.0	20.893	2.265	3668.661	0.06%	99.36%
79.0	20.439	2.221	3670.881	0.05%	99.42%
80.0	19.920	2.176	3673.057	0.05%	99.47%
81.0	19.415	2.127	3675.184	0.05%	99.53%
82.0	18.947	2.080	3677.265	0.05%	99.59%
83.0	18.493	2.035	3679.3	0.05%	99.64%
84.0	18.083	1.993	3681.292	0.05%	99.70%
85.0	17.740	1.955	3683.248	0.05%	99.75%
86.0	17.381	1.920	3685.167	0.05%	99.80%
87.0	17.030	1.883	3687.051	0.05%	99.85%
88.0	16.584	1.841	3688.892	0.04%	99.90%
89.0	16.174	1.796	3690.687	0.04%	99.95%
90.0	15.911	1.759	3692.447	0.04%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	3152.54	76.76%	85.38%
0-40	3509.44	85.45%	95.04%
0-60	3618.73	88.11%	98.00%
0-90	3690.69	89.86%	99.95%
0-120	3690.69	89.86%	99.95%
0-180	3692.45	89.91%	100.00%
60-90	71.96	1.75%	1.95%
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%
0-27.41	2953.96	71.92%	80.00%

ZONAL LUMEN SUMMARY

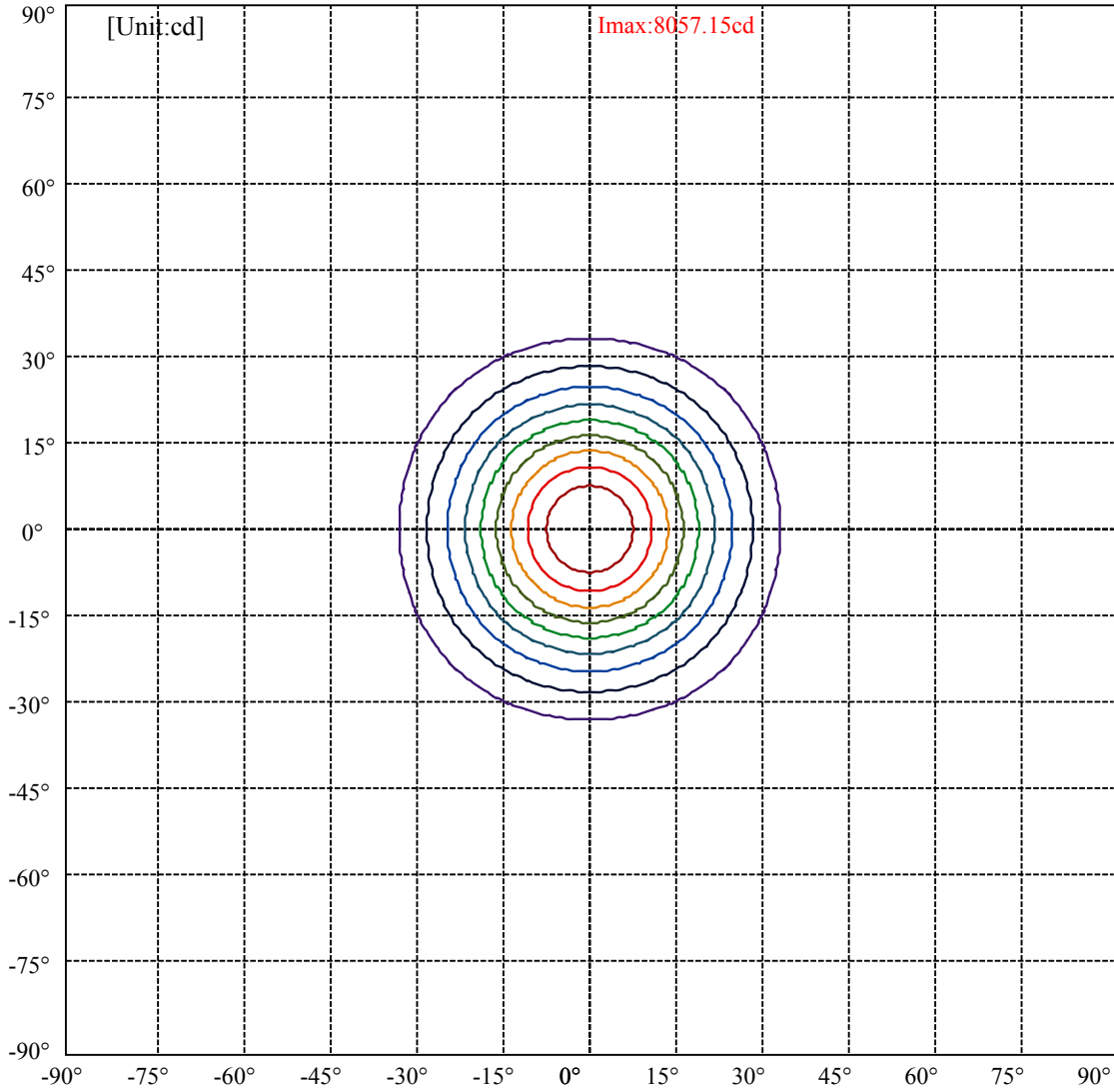
0-10	700.09
10-20	1414.32
20-30	1038.14
30-40	356.89
40-50	70.54
50-60	38.76
60-70	30.33
70-80	23.99
80-90	17.63
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00



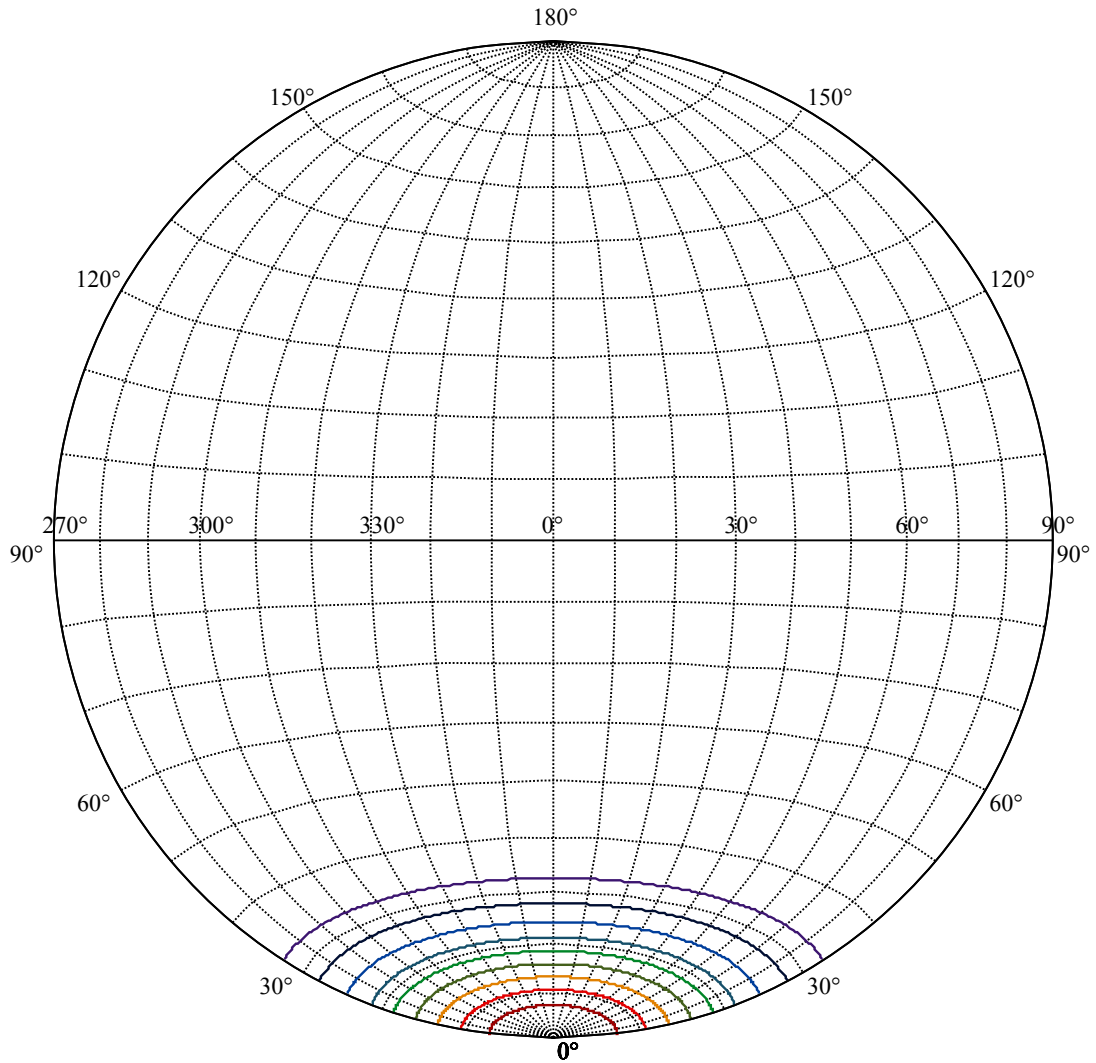
C0(Max): —————
C0/C180: —————
C90/C270: —————

Field angle(10%Imax):C0/180Left:32.7 Right:32.7
:C90/270Left:32.7 Right:32.7

Beam Angle(50%Imax):C0/180Left:18.7 Right:18.7
:C90/270Left:18.7 Right:18.7



(10%I _{max}) 805.714	—
(20%I _{max}) 1611.43	—
(30%I _{max}) 2417.14	—
(40%I _{max}) 3222.86	—
(50%I _{max}) 4028.57	—
(60%I _{max}) 4834.29	—
(70%I _{max}) 5640	—
(80%I _{max}) 6445.72	—
(90%I _{max}) 7251.43	—



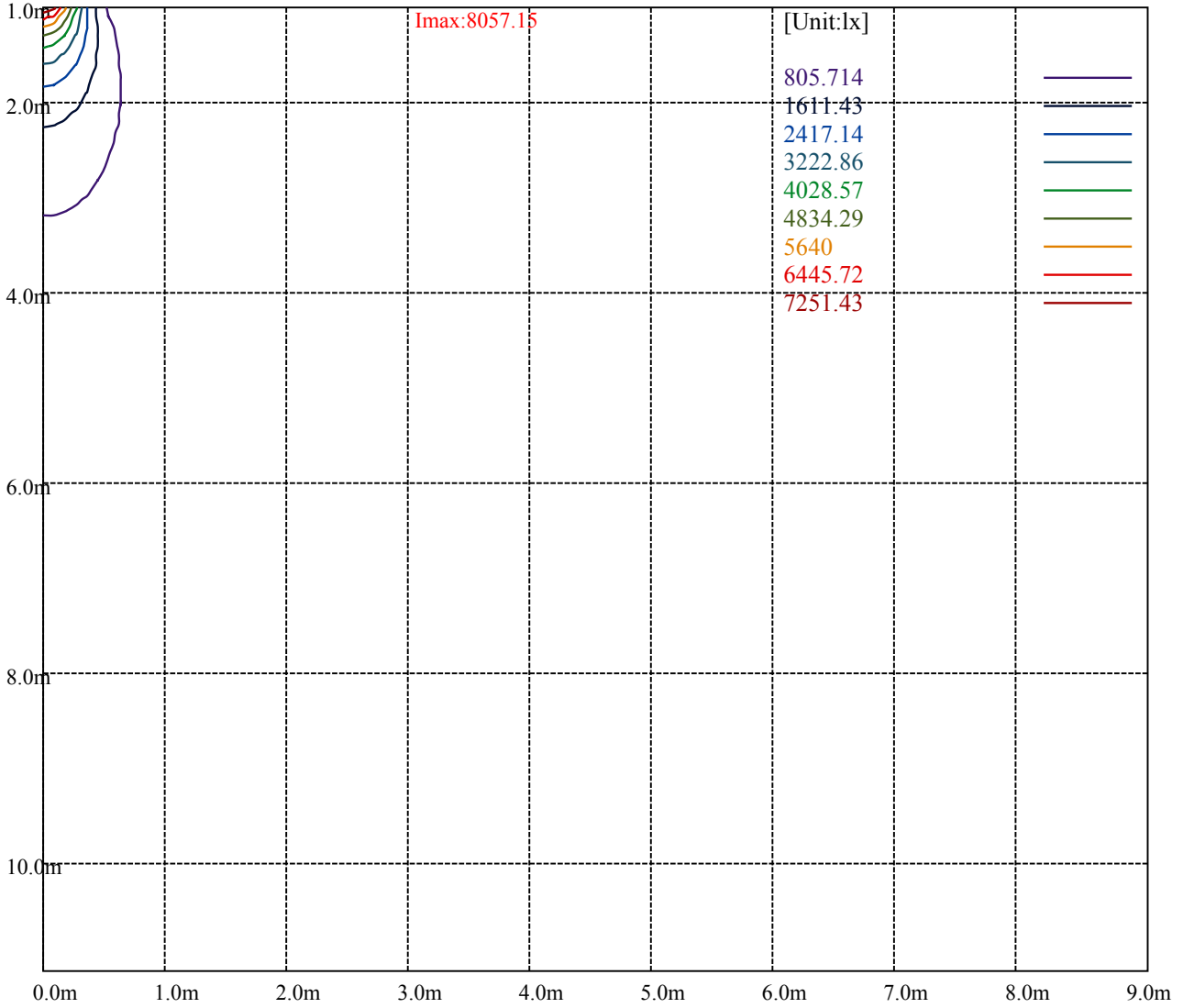
House

[Unit:cd]

Road

Imax:8057.15

(10%Imax) 805.714	—
(20%Imax) 1611.43	—
(30%Imax) 2417.14	—
(40%Imax) 3222.86	—
(50%Imax) 4028.57	—
(60%Imax) 4834.29	—
(70%Imax) 5640	—
(80%Imax) 6445.72	—
(90%Imax) 7251.43	—



Luminance Table

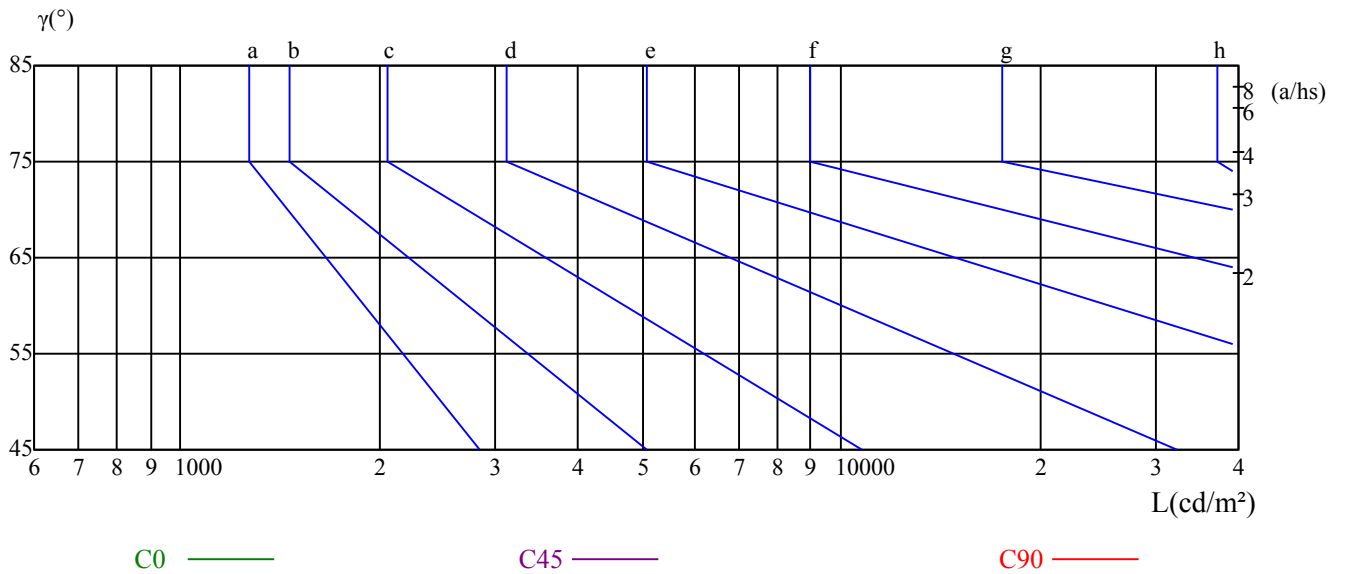
γ	45	50	55	60	65	70	75	80	85
C0	0	0	0	0	0	0	0	0	0
C45	0	0	0	0	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0

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

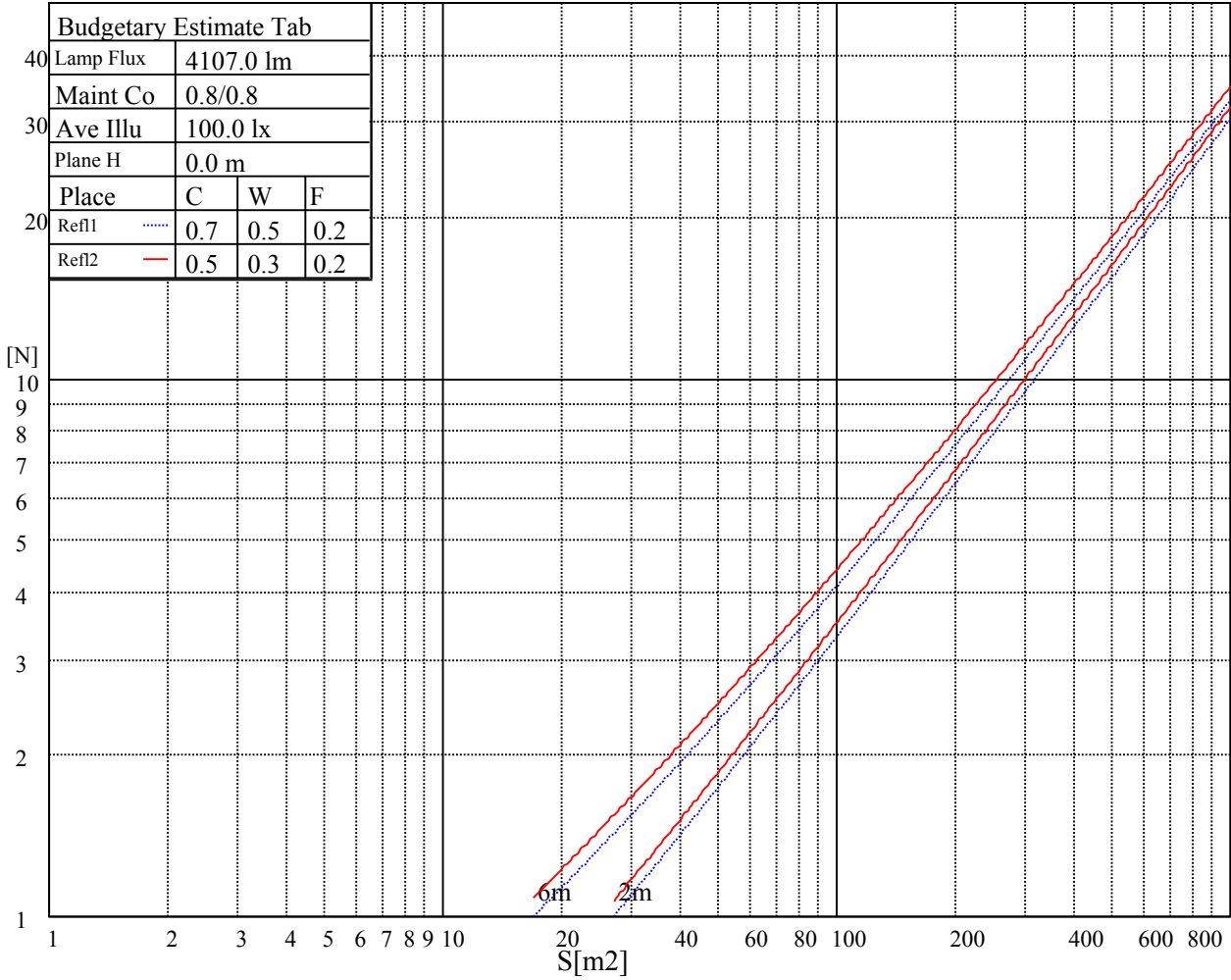
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

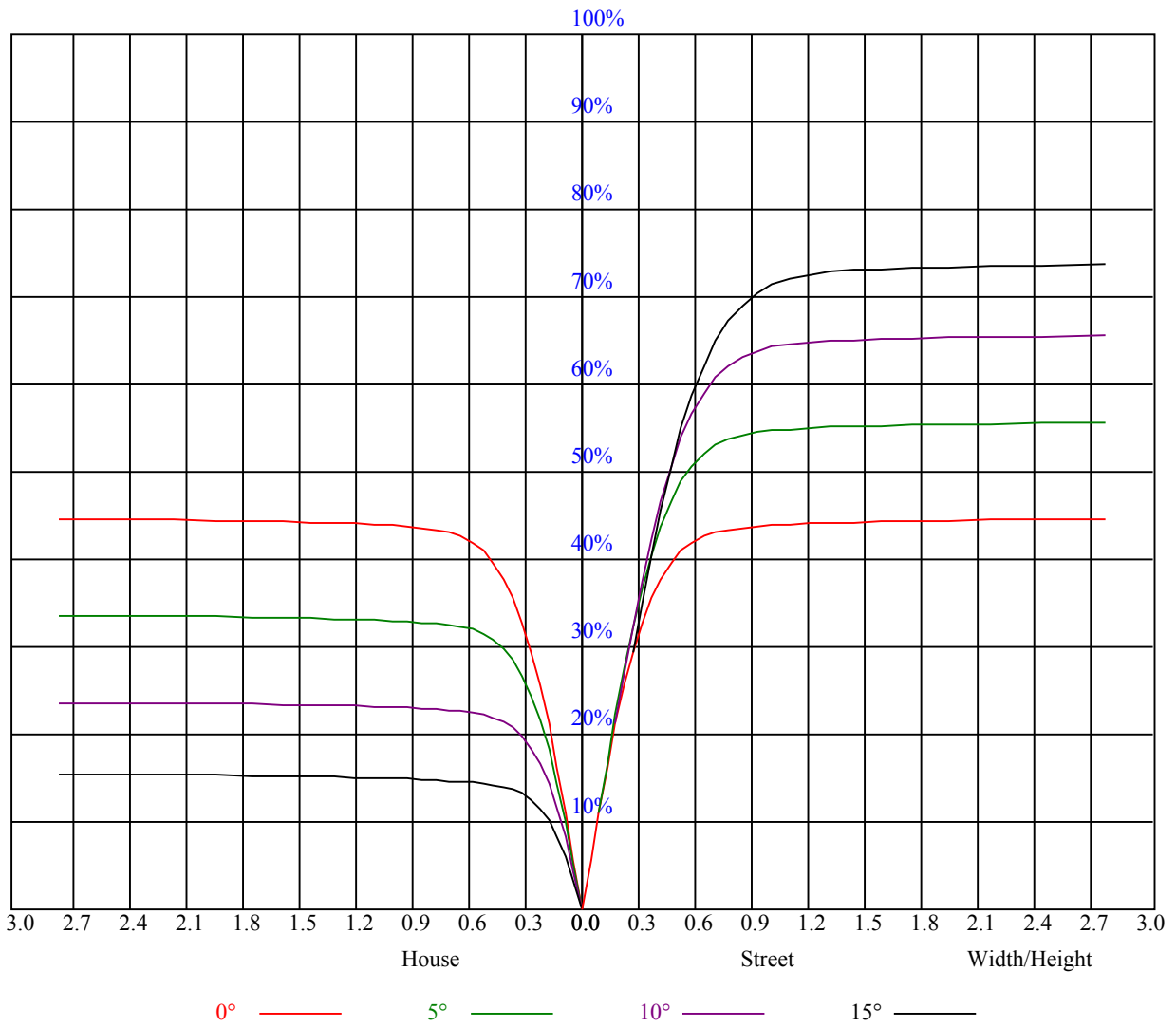


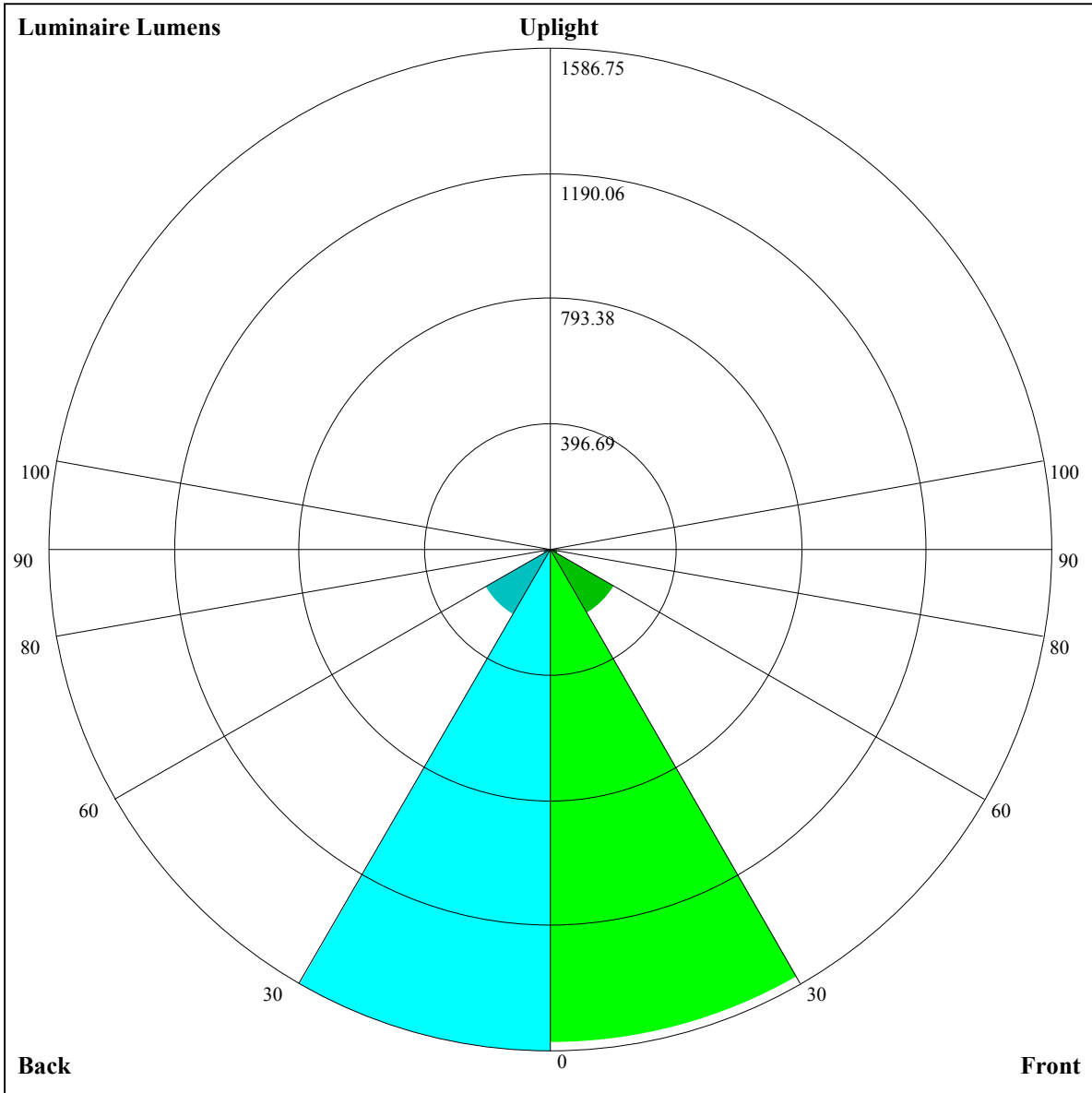
Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	3H	非数字	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	1.07	1.07	1.07	1.05	1.05	1.05	1.00	1.00	1.00	0.96	0.96	0.96	0.92	0.92	0.92	0.90
1	1.00	0.98	0.96	0.98	0.96	0.94	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85
2	0.94	0.91	0.88	0.92	0.89	0.87	0.90	0.87	0.85	0.87	0.85	0.83	0.84	0.83	0.81	0.80
3	0.89	0.85	0.81	0.87	0.84	0.81	0.85	0.82	0.79	0.83	0.80	0.78	0.81	0.79	0.77	0.76
4	0.84	0.80	0.76	0.83	0.79	0.76	0.81	0.78	0.75	0.79	0.76	0.74	0.78	0.75	0.73	0.72
5	0.80	0.75	0.72	0.79	0.75	0.71	0.77	0.74	0.71	0.76	0.73	0.70	0.75	0.72	0.70	0.68
6	0.76	0.71	0.68	0.75	0.71	0.68	0.74	0.70	0.67	0.73	0.69	0.67	0.72	0.69	0.66	0.65
7	0.72	0.68	0.64	0.72	0.67	0.64	0.71	0.67	0.64	0.70	0.66	0.64	0.69	0.66	0.63	0.62
8	0.69	0.64	0.61	0.69	0.64	0.61	0.68	0.64	0.61	0.67	0.63	0.61	0.66	0.63	0.60	0.59
9	0.66	0.62	0.58	0.66	0.61	0.58	0.65	0.61	0.58	0.64	0.61	0.58	0.64	0.60	0.58	0.57
10	0.63	0.59	0.56	0.63	0.59	0.56	0.62	0.58	0.56	0.62	0.58	0.56	0.61	0.58	0.55	0.54





Luminaire Lumens:

FL=1563.57,FM=229.89,FH=26.93,FVH=9.66

BL=1586.75,BM=241.01,BH=27.31,BVH=9.71

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	8049.83	8021.15	7964.39	7887.14	7782.38	7588.67	7440.61	7255.09	7040.32
45.0	8049.83	8045.15	8042.81	7983.11	7902.35	7803.45	7665.34	7510.25	7297.81
90.0	8042.22	8045.15	8011.20	7919.32	7831.54	7647.19	7505.57	7337.02	7066.65
135.0	8086.70	8041.64	8063.87	8007.69	7929.86	7821.59	7677.04	7516.69	7302.50
180.0	8049.83	8026.42	8023.49	7971.99	7876.02	7745.51	7589.26	7433.00	7250.41
225.0	8049.83	8013.54	7938.64	7839.15	7698.11	7547.12	7345.22	7141.56	6913.32
270.0	8042.22	8062.12	8036.37	7973.75	7863.14	7756.63	7599.79	7382.67	7195.40
315.0	8086.70	8052.17	7957.36	7866.07	7750.78	7604.47	7399.06	7184.87	6971.84
360.0	8049.83	8021.15	7964.39	7887.14	7782.38	7588.67	7440.61	7255.09	7040.32
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	6754.14	6505.42	6243.24	5983.98	5641.63	5364.82	5004.32	4717.56	4413.83
45.0	7076.01	6853.04	6614.86	6304.10	6031.39	5691.96	5410.46	5131.90	4771.40
90.0	6829.05	6524.15	6257.28	5971.11	5614.12	5332.04	5037.09	4729.85	4436.06
135.0	7087.72	6854.21	6609.59	6296.49	6016.76	5731.17	5452.60	5077.47	4777.25
180.0	6980.62	6747.12	6500.15	6235.05	5890.93	5628.17	5343.75	5001.98	4723.41
225.0	6672.79	6376.08	6102.20	5833.58	5567.89	5219.68	4942.87	4675.42	4312.58
270.0	6973.01	6689.18	6445.73	6169.50	5821.29	5531.02	5258.31	4899.56	4613.39
315.0	6723.71	6424.07	6160.72	5814.85	5543.31	5250.70	4884.35	4603.44	4309.07
360.0	6754.14	6505.42	6243.24	5983.98	5641.63	5364.82	5004.32	4717.56	4413.83
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	4068.54	3772.42	3483.90	3146.23	2881.12	2631.23	2396.55	2132.03	1928.96
45.0	4477.03	4177.39	3816.90	3526.04	3250.98	2986.46	2730.13	2437.52	2208.70
90.0	4071.47	3774.17	3489.17	3209.43	2882.29	2564.51	2330.42	2117.40	1911.99
135.0	4489.90	4120.04	3832.11	3553.54	3212.36	2947.84	2632.99	2401.82	2187.63
180.0	4446.01	4091.95	3810.46	3458.15	3197.14	2953.69	2694.43	2456.25	2194.07
225.0	4028.75	3741.99	3401.39	3143.89	2881.71	2594.36	2369.05	2156.61	1907.31
270.0	4333.06	4036.94	3752.52	3397.29	3143.30	2903.36	2597.29	2376.07	2122.67
315.0	4015.29	3664.15	3384.41	3113.46	2805.63	2575.05	2360.86	2153.69	1911.40
360.0	4068.54	3772.42	3483.90	3146.23	2881.12	2631.23	2396.55	2132.03	1928.96
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	1722.38	1534.52	1146.16	1146.16	990.90	810.07	684.48	552.80	457.35
45.0	1991.58	1734.67	1545.05	1367.14	1158.22	1004.89	828.74	703.50	595.23
90.0	1662.68	1341.98	1135.80	1135.80	948.59	811.41	687.29	553.68	463.26
135.0	1980.46	1728.81	1538.03	1358.37	1196.26	1007.23	866.19	736.27	598.16
180.0	1982.22	1778.56	1570.80	1339.05	1163.49	999.04	815.28	688.28	556.02
225.0	1715.35	1380.60	1160.15	1160.15	962.93	818.44	688.93	552.75	459.23
270.0	1933.64	1737.01	1540.37	1318.57	1142.42	980.31	832.83	672.48	563.63
315.0	1720.62	1531.01	1133.41	1133.41	978.61	799.01	672.66	564.80	446.41
360.0	1722.38	1534.52	1146.16	1146.16	990.90	810.07	684.48	552.80	457.35
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	374.84	304.14	231.98	186.57	152.92	127.34	104.35	91.82	82.46
45.0	500.43	394.50	321.93	304.38	304.38	159.94	133.20	112.71	97.26
90.0	383.97	315.61	245.68	199.91	165.33	133.14	114.06	96.62	86.61
135.0	503.94	417.91	324.27	307.30	307.30	162.63	136.77	116.99	102.06
180.0	465.31	382.80	296.77	296.77	230.05	157.07	127.05	110.31	96.80
225.0	358.22	290.80	234.56	179.84	147.54	123.89	106.75	91.30	82.46
270.0	468.82	361.14	307.89	307.89	187.92	146.07	122.72	103.88	91.65
315.0	365.06	295.01	237.60	180.78	147.71	123.83	106.51	91.18	82.40
360.0	374.84	304.14	231.98	186.57	152.92	127.34	104.35	91.82	82.46

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	75.26	68.35	63.61	58.76	55.36	52.38	48.98	46.64	44.77
45.0	83.63	75.49	67.42	62.09	57.70	52.67	49.28	46.64	44.48
90.0	78.71	72.51	65.60	61.04	57.47	53.55	49.98	47.34	45.06
135.0	89.19	81.35	75.32	69.99	64.49	60.57	57.35	53.84	51.27
180.0	86.55	77.89	71.92	67.13	62.09	58.52	55.48	51.85	49.33
225.0	75.67	70.05	65.49	60.34	57.12	53.43	50.74	48.46	45.76
270.0	82.81	74.67	69.41	64.61	60.34	55.83	52.79	49.98	47.52
315.0	75.55	68.71	64.14	59.28	55.95	52.85	50.15	47.11	45.06
360.0	75.26	68.35	63.61	58.76	55.36	52.38	48.98	46.64	44.77
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	43.07	41.38	40.15	39.03	38.16	36.64	35.70	34.76	33.53
45.0	42.08	40.32	38.80	37.40	35.99	35.05	34.18	33.24	32.54
90.0	42.55	40.91	39.27	37.45	36.23	34.94	33.65	32.89	31.95
135.0	49.04	46.47	44.59	42.96	40.91	39.44	37.92	36.58	35.05
180.0	47.11	44.42	42.66	41.02	39.39	37.81	36.58	35.29	34.29
225.0	43.83	42.08	40.03	38.86	37.45	36.17	35.00	33.94	32.95
270.0	44.71	42.90	41.14	39.50	37.98	36.17	35.11	34.24	33.42
315.0	43.13	41.38	39.44	38.10	36.81	35.41	34.41	33.42	32.25
360.0	43.07	41.38	40.15	39.03	38.16	36.64	35.70	34.76	33.53
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	32.77	32.01	31.08	30.14	29.20	28.44	27.56	26.69	25.81
45.0	31.89	31.13	30.43	29.50	28.85	28.09	27.33	26.45	25.57
90.0	31.19	30.31	29.67	28.97	28.09	27.33	26.57	25.81	24.87
135.0	33.83	32.89	31.95	30.84	30.08	29.20	28.03	27.21	26.16
180.0	33.07	32.19	31.43	30.26	29.50	28.56	27.74	26.86	26.04
225.0	32.01	30.72	30.02	28.91	28.03	27.33	26.28	25.52	24.76
270.0	32.25	31.43	30.61	29.79	28.85	27.97	27.21	26.39	25.40
315.0	31.31	30.49	29.55	28.73	27.97	26.98	26.16	25.34	24.58
360.0	32.77	32.01	31.08	30.14	29.20	28.44	27.56	26.69	25.81
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	24.64	23.82	23.23	22.71	22.12	21.59	21.13	20.60	20.07
45.0	24.81	24.05	23.23	22.71	22.18	21.71	21.07	20.66	20.13
90.0	24.17	23.35	22.77	22.24	21.59	21.07	20.60	20.19	19.61
135.0	25.40	24.58	23.58	23.00	22.41	21.89	21.30	20.78	20.31
180.0	25.28	24.46	23.76	23.17	22.59	22.06	21.59	21.13	20.54
225.0	23.82	23.17	22.65	22.12	21.54	21.07	20.54	20.13	19.66
270.0	24.64	23.64	23.00	22.41	21.71	21.24	20.78	20.31	19.78
315.0	23.58	22.88	22.30	21.83	21.24	20.72	20.13	19.72	19.25
360.0	24.64	23.82	23.23	22.71	22.12	21.59	21.13	20.60	20.07
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	19.55	19.14	18.73	18.32	18.02	17.79	17.38	16.74	16.15
45.0	19.61	19.20	18.61	18.26	17.91	17.56	17.26	16.85	16.44
90.0	19.08	18.67	18.32	17.79	17.56	17.15	16.74	16.33	15.98
135.0	19.84	19.25	18.73	18.26	17.85	17.50	17.21	16.74	16.39
180.0	20.07	19.49	18.96	18.55	18.14	17.79	17.50	17.03	16.62
225.0	19.14	18.67	18.26	17.91	17.62	17.21	16.80	16.44	15.98
270.0	19.31	18.79	18.38	17.97	17.56	17.15	16.80	16.39	15.98
315.0	18.73	18.38	17.97	17.62	17.26	16.91	16.56	16.15	15.86
360.0	19.55	19.14	18.73	18.32	18.02	17.79	17.38	16.74	16.15

Intensity data(cd)

C/γ(°)	90.0
0.0	15.98
45.0	15.98
90.0	15.86
135.0	15.98
180.0	16.04
225.0	15.86
270.0	15.80
315.0	15.80
360.0	15.98