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NT

Client:

LumCAT: 2-2683-L

Luminaire: 92.70.412.00

Report No: 2024305-B013

Ballast type: AC

Test No: 2024305-C013

Voltage(V): 0.000

LampCAT: TRIDONIC SLE G7 15MM

Current(A): 0.000

Lamp flux(lm): 3287.0

Power (W): 0.000

Number of Lamps: 1

PF: 0.000

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 2822.69, Efficiency(%): 85.87% , Luminous Efficacy(lm/W): 0.00

Central intensity(cd): 9243.688, Maximum intensity(cd): 9243.688

Angle of maximum intensity: C=0.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=25.6

[C90/270]Total=25.6

Field angle(10%Imax): [C0/180]Total=58.6

[C90/270]Total=58.6

Maximum s/h(1/2): C0_180=0.43 C90_270=0.43

Maximum s/h(1/4): C0_180=0.46 C90_270=0.46

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 85.87%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 98.026%

Equipment: GMS1980
Temperature(°C): 25.0

Date: 2024/3/05
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	9243.687	0.000	0	0.00%	0.00%
1.0	9212.524	8.831	8.831	0.27%	0.31%
2.0	9116.840	26.308	35.139	0.80%	1.24%
3.0	8939.736	43.185	78.324	1.31%	2.77%
4.0	8705.792	59.065	137.39	1.80%	4.87%
5.0	8395.770	73.570	210.96	2.24%	7.47%
6.0	8004.254	86.186	297.146	2.62%	10.53%
7.0	7556.776	96.587	393.733	2.94%	13.95%
8.0	7056.336	104.583	498.316	3.18%	17.65%
9.0	6552.457	110.292	608.608	3.36%	21.56%
10.0	6031.680	113.882	722.49	3.46%	25.60%
11.0	5476.009	114.985	837.476	3.50%	29.67%
12.0	4998.685	114.503	951.979	3.48%	33.73%
13.0	4537.527	113.171	1065.15	3.44%	37.74%
14.0	4094.805	110.493	1175.643	3.36%	41.65%
15.0	3702.484	107.045	1282.688	3.26%	45.44%
16.0	3320.552	102.907	1385.595	3.13%	49.09%
17.0	2997.288	98.386	1483.981	2.99%	52.57%
18.0	2717.405	94.223	1578.203	2.87%	55.91%
19.0	2464.222	90.150	1668.353	2.74%	59.11%
20.0	2240.739	86.114	1754.467	2.62%	62.16%
21.0	2060.124	82.585	1837.052	2.51%	65.08%
22.0	1892.457	79.429	1916.481	2.42%	67.90%
23.0	1734.665	76.107	1992.588	2.32%	70.59%
24.0	1592.456	72.743	2065.331	2.21%	73.17%
25.0	1423.187	68.569	2133.9	2.09%	75.60%
26.0	1281.101	63.835	2197.735	1.94%	77.86%
27.0	1196.653	60.619	2258.354	1.84%	80.01%
28.0	1076.156	57.543	2315.896	1.75%	82.05%
29.0	962.125	53.327	2369.223	1.62%	83.93%
30.0	840.910	48.682	2417.905	1.48%	85.66%
31.0	713.894	43.268	2461.173	1.32%	87.19%
32.0	597.720	37.576	2498.749	1.14%	88.52%
33.0	500.777	32.362	2531.111	0.98%	89.67%
34.0	418.216	27.811	2558.923	0.85%	90.66%
35.0	351.903	23.917	2582.84	0.73%	91.50%
36.0	298.684	20.715	2603.555	0.63%	92.24%
37.0	265.787	18.410	2621.965	0.56%	92.89%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	234.361	16.694	2638.659	0.51%	93.48%
39.0	185.209	14.321	2652.98	0.44%	93.99%
40.0	152.685	11.785	2664.764	0.36%	94.41%
41.0	130.951	10.100	2674.865	0.31%	94.76%
42.0	111.017	8.791	2683.656	0.27%	95.07%
43.0	96.291	7.679	2691.335	0.23%	95.35%
44.0	83.270	6.777	2698.112	0.21%	95.59%
45.0	73.000	6.006	2704.118	0.18%	95.80%
46.0	65.509	5.417	2709.535	0.16%	95.99%
47.0	60.198	5.000	2714.534	0.15%	96.17%
48.0	56.664	4.724	2719.258	0.14%	96.34%
49.0	53.724	4.533	2723.792	0.14%	96.50%
50.0	51.814	4.400	2728.192	0.13%	96.65%
51.0	50.190	4.316	2732.507	0.13%	96.81%
52.0	48.925	4.253	2736.761	0.13%	96.96%
53.0	47.396	4.190	2740.951	0.13%	97.10%
54.0	45.830	4.109	2745.06	0.13%	97.25%
55.0	44.016	4.011	2749.07	0.12%	97.39%
56.0	42.078	3.890	2752.961	0.12%	97.53%
57.0	39.934	3.750	2756.71	0.11%	97.66%
58.0	37.696	3.590	2760.3	0.11%	97.79%
59.0	35.421	3.418	2763.718	0.10%	97.91%
60.0	33.175	3.241	2766.959	0.10%	98.03%
61.0	31.112	3.068	2770.027	0.09%	98.13%
62.0	29.444	2.918	2772.945	0.09%	98.24%
63.0	27.652	2.777	2775.722	0.08%	98.34%
64.0	25.940	2.630	2778.352	0.08%	98.43%
65.0	24.440	2.493	2780.845	0.08%	98.52%
66.0	22.977	2.366	2783.211	0.07%	98.60%
67.0	21.500	2.236	2785.447	0.07%	98.68%
68.0	20.293	2.117	2787.564	0.06%	98.76%
69.0	19.400	2.025	2789.589	0.06%	98.83%
70.0	18.552	1.949	2791.538	0.06%	98.90%
71.0	17.886	1.883	2793.422	0.06%	98.96%
72.0	17.374	1.833	2795.255	0.06%	99.03%
73.0	16.862	1.790	2797.045	0.05%	99.09%
74.0	16.430	1.750	2798.796	0.05%	99.15%
75.0	16.057	1.717	2800.512	0.05%	99.21%

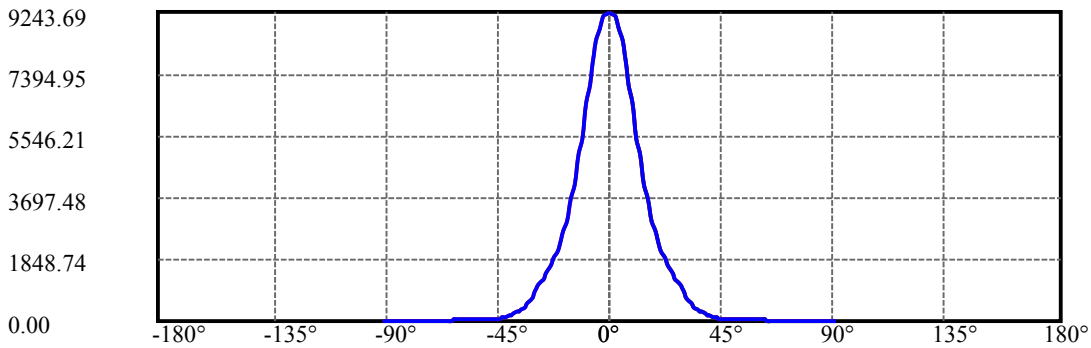
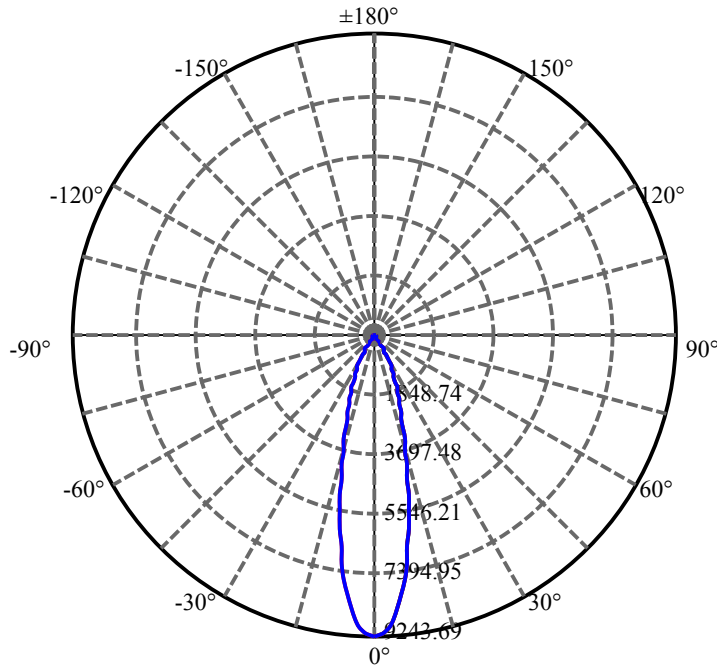
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	15.699	1.686	2802.198	0.05%	99.27%
77.0	15.311	1.653	2803.851	0.05%	99.33%
78.0	14.952	1.620	2805.471	0.05%	99.39%
79.0	14.609	1.588	2807.059	0.05%	99.45%
80.0	14.279	1.557	2808.617	0.05%	99.50%
81.0	13.972	1.528	2810.145	0.05%	99.56%
82.0	13.650	1.498	2811.643	0.05%	99.61%
83.0	13.350	1.468	2813.11	0.04%	99.66%
84.0	13.072	1.439	2814.55	0.04%	99.71%
85.0	12.831	1.414	2815.964	0.04%	99.76%
86.0	12.590	1.390	2817.353	0.04%	99.81%
87.0	12.348	1.365	2818.718	0.04%	99.86%
88.0	12.151	1.342	2820.06	0.04%	99.91%
89.0	11.990	1.323	2821.383	0.04%	99.95%
90.0	11.873	1.308	2822.691	0.04%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	2417.91	73.56%	85.66%
0-40	2664.76	81.07%	94.41%
0-60	2766.96	84.18%	98.03%
0-90	2821.38	85.83%	99.95%
0-120	2821.38	85.83%	99.95%
0-180	2822.69	85.87%	100.00%
60-90	54.42	1.66%	1.93%
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%
0-27.00	2258.15	68.70%	80.00%

ZONAL LUMEN SUMMARY

0-10	722.49
10-20	1031.98
20-30	663.44
30-40	246.86
40-50	63.43
50-60	38.77
60-70	24.58
70-80	17.08
80-90	12.77
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: —————

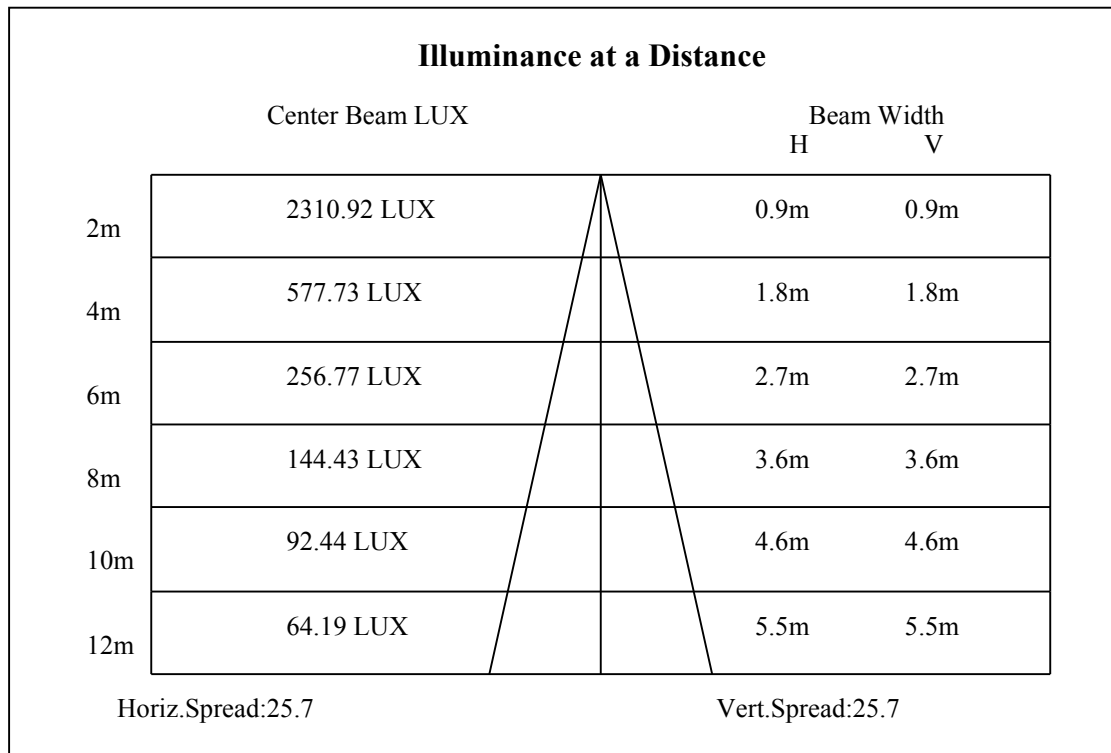
C90/C270: —————

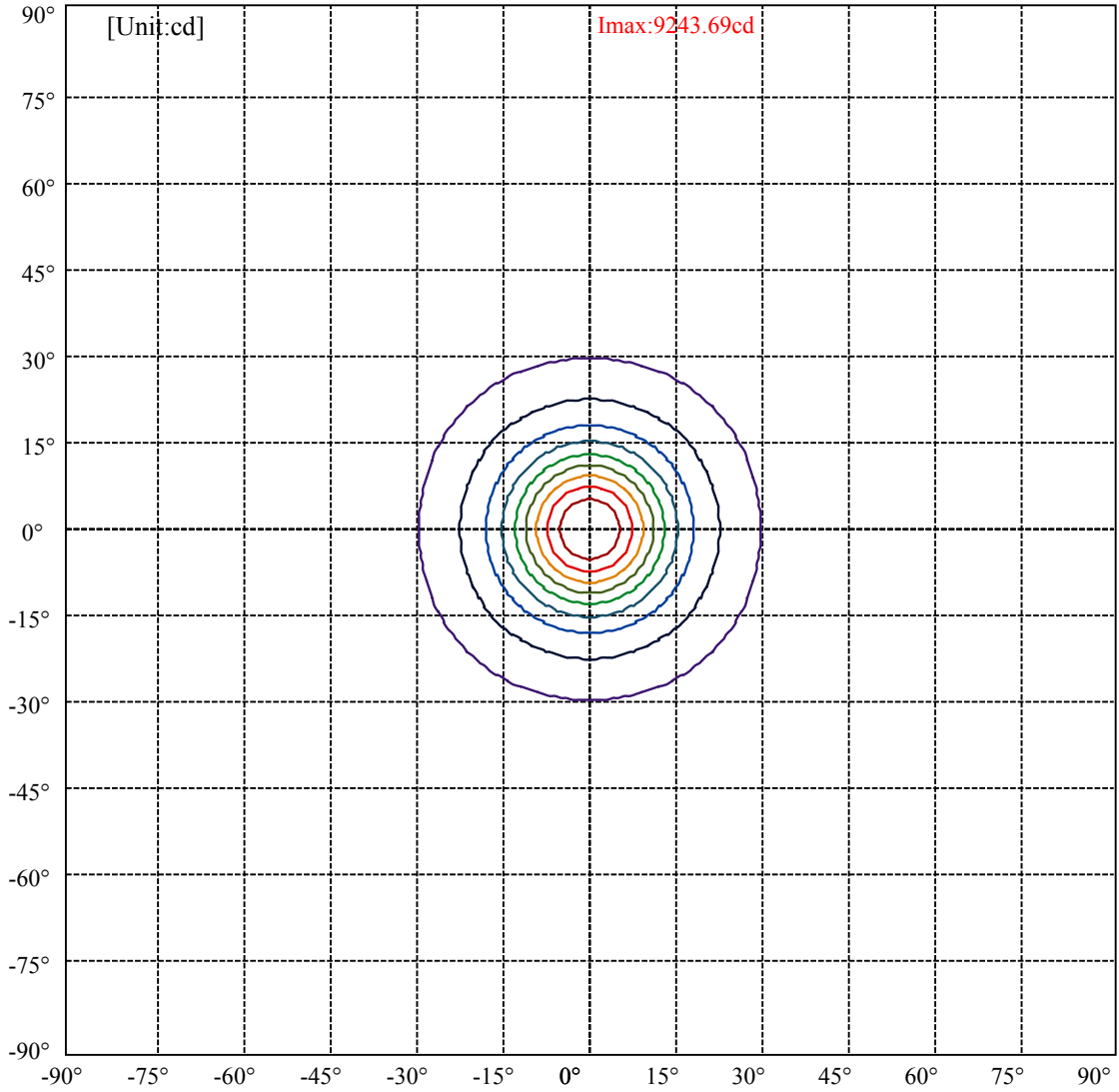
Field angle(10%Imax):C0/180Left:29.3 Right:29.3

:C90/270Left:29.3 Right:29.3

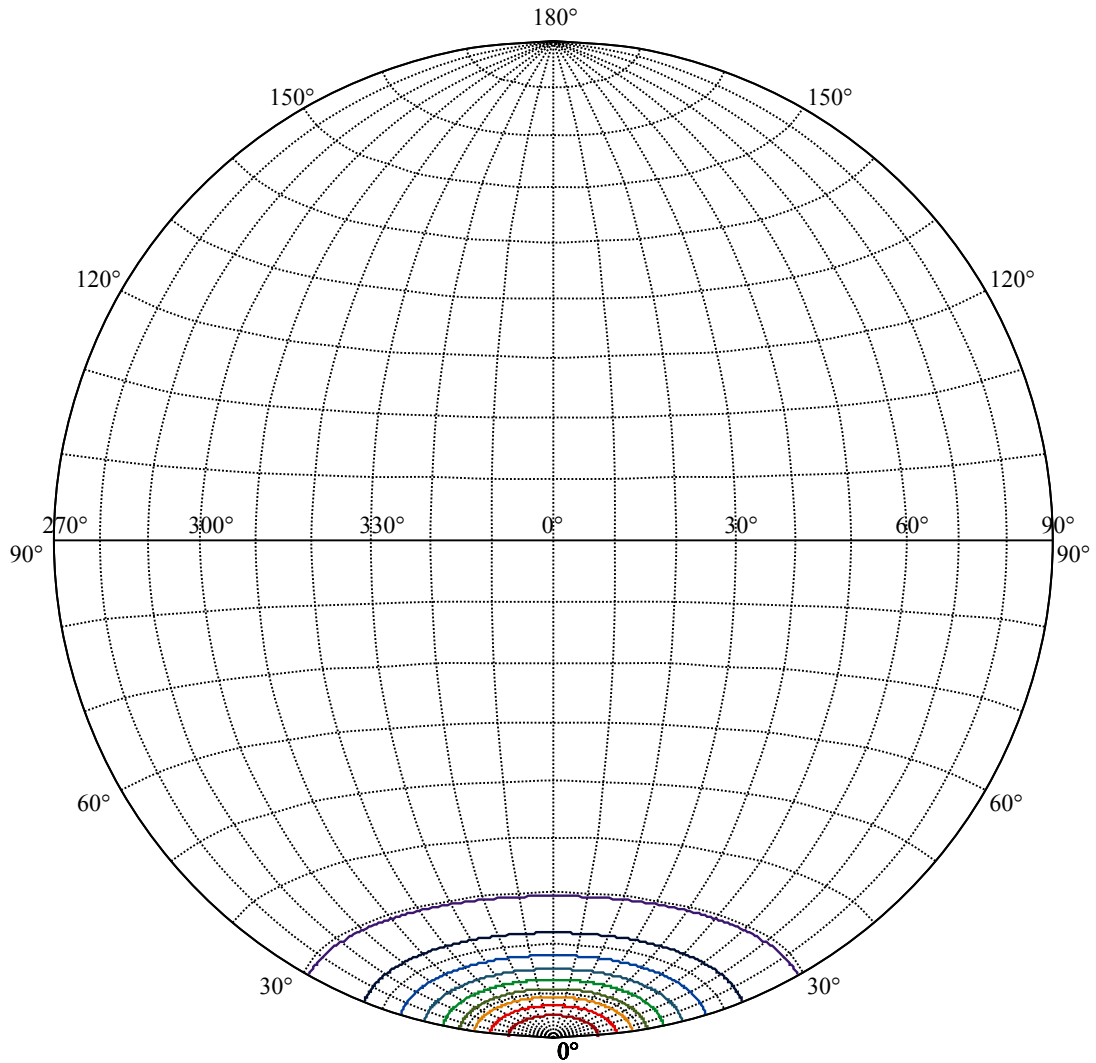
Beam Angle(50%Imax):C0/180Left:12.8 Right:12.8

:C90/270Left:12.8 Right:12.8





(10%Imax) 924.369	—
(20%Imax) 1848.74	—
(30%Imax) 2773.11	—
(40%Imax) 3697.48	—
(50%Imax) 4621.84	—
(60%Imax) 5546.21	—
(70%Imax) 6470.58	—
(80%Imax) 7394.95	—
(90%Imax) 8319.32	—



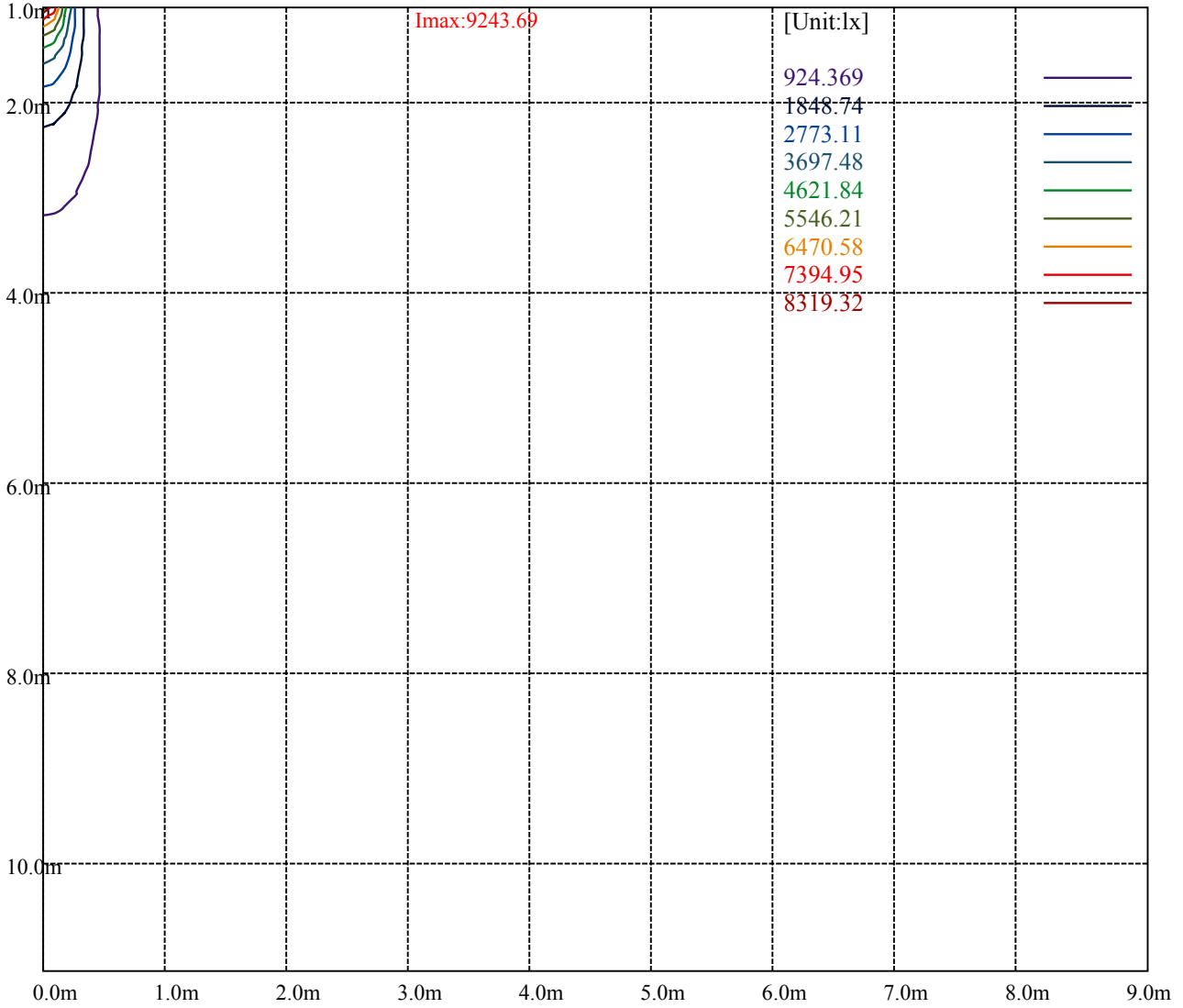
House

[Unit:cd]

Road

Imax:9243.69

(10%Imax) 924.369	—
(20%Imax) 1848.74	—
(30%Imax) 2773.11	—
(40%Imax) 3697.48	—
(50%Imax) 4621.84	—
(60%Imax) 5546.21	—
(70%Imax) 6470.58	—
(80%Imax) 7394.95	—
(90%Imax) 8319.32	—



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

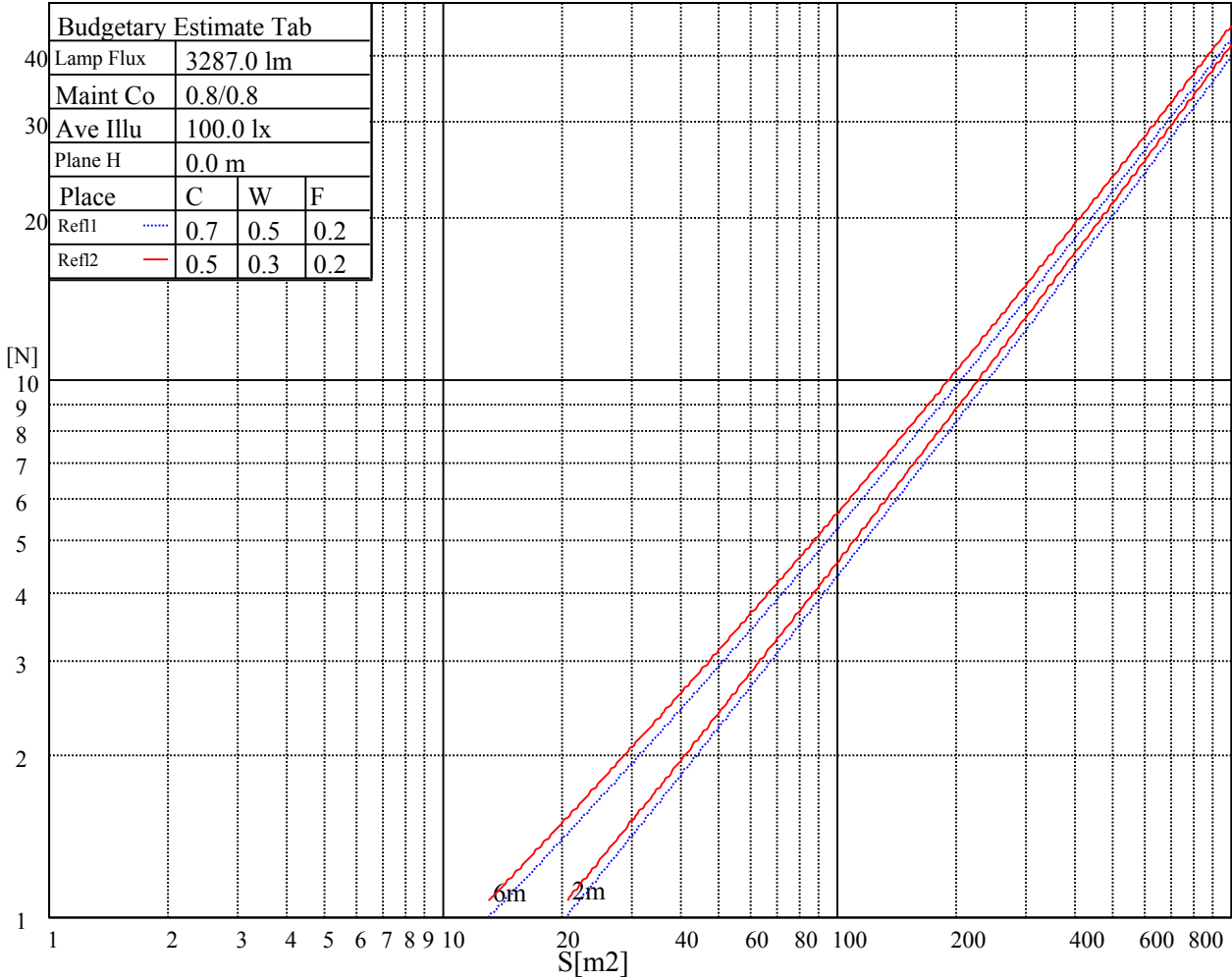
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

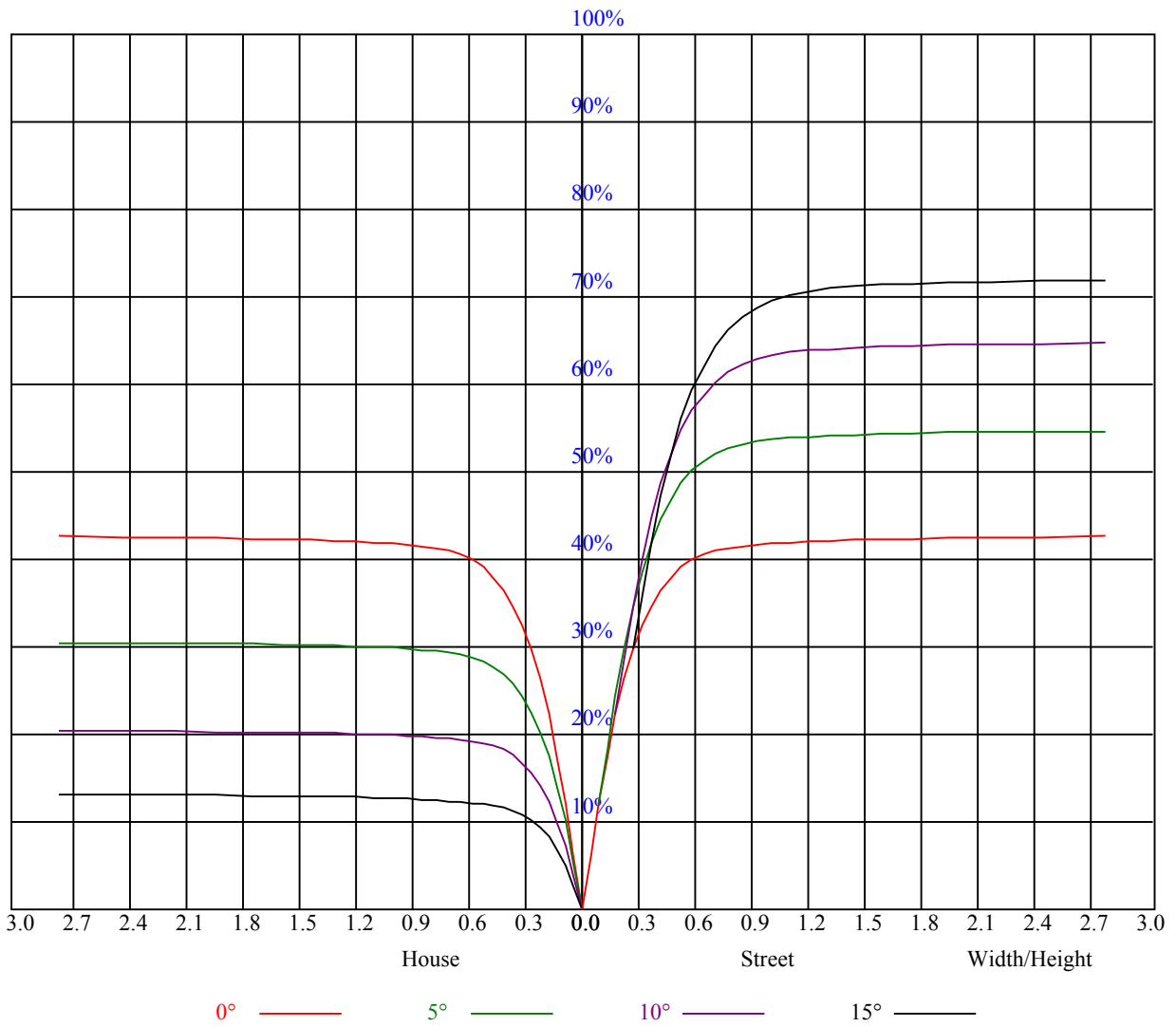


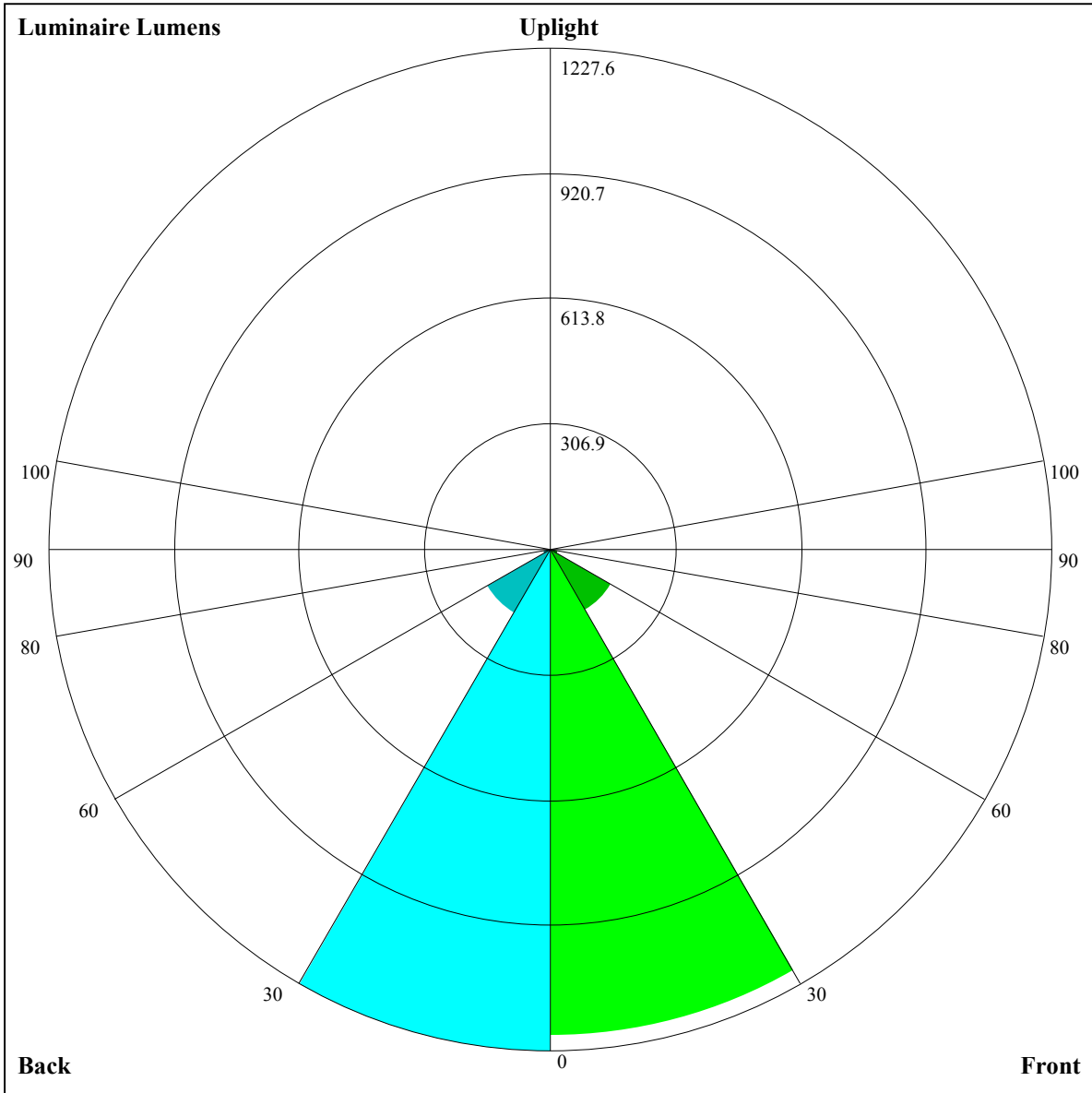
Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	3H	非数字	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	1.02	1.02	1.02	1.00	1.00	1.00	0.95	0.95	0.95	0.91	0.91	0.91	0.88	0.88	0.88	0.86
1	0.96	0.94	0.92	0.94	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.84	0.83	0.81
2	0.90	0.87	0.85	0.89	0.86	0.84	0.86	0.84	0.82	0.84	0.82	0.80	0.81	0.80	0.78	0.77
3	0.85	0.82	0.79	0.84	0.81	0.78	0.82	0.79	0.77	0.80	0.78	0.76	0.78	0.76	0.75	0.73
4	0.81	0.77	0.74	0.80	0.76	0.74	0.78	0.75	0.73	0.77	0.74	0.72	0.75	0.73	0.71	0.70
5	0.77	0.73	0.70	0.77	0.73	0.70	0.75	0.72	0.69	0.74	0.71	0.68	0.72	0.70	0.68	0.67
6	0.74	0.70	0.67	0.73	0.69	0.66	0.72	0.68	0.66	0.71	0.68	0.65	0.70	0.67	0.65	0.64
7	0.71	0.66	0.63	0.70	0.66	0.63	0.69	0.66	0.63	0.68	0.65	0.63	0.67	0.65	0.62	0.61
8	0.68	0.64	0.61	0.67	0.63	0.61	0.67	0.63	0.60	0.66	0.63	0.60	0.65	0.62	0.60	0.59
9	0.65	0.61	0.58	0.65	0.61	0.58	0.64	0.61	0.58	0.64	0.60	0.58	0.63	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	0.61	0.58	0.56	0.61	0.58	0.56	0.55





Luminaire Lumens:

FL=1188.84,FM=171.31,FH=20.82,FVH=7.03

BL=1227.6,BM=181.9,BH=20.91,BVH=7.06

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	9199.80	9120.79	8951.07	8697.67	8383.41	7933.95	7511.42	7041.49	6427.58
45.0	9250.71	9274.70	9206.23	9061.68	8852.17	8498.11	8146.98	7621.44	7155.02
90.0	9266.51	9156.49	9002.57	8731.62	8430.22	8073.24	7540.68	7059.04	6538.78
135.0	9257.73	9230.23	9120.20	8906.60	8667.83	8369.95	8019.98	7500.30	7026.27
180.0	9199.80	9223.79	9228.47	9126.06	8959.27	8744.49	8424.37	8100.74	7686.40
225.0	9250.71	9207.99	9063.44	8868.56	8619.84	8332.49	7888.89	7449.39	6977.70
270.0	9266.51	9270.61	9218.52	9108.50	8933.52	8702.94	8412.67	7997.74	7558.82
315.0	9257.73	9215.60	9144.20	9017.21	8800.09	8510.99	8089.04	7684.06	7080.11
360.0	9199.80	9120.79	8951.07	8697.67	8383.41	7933.95	7511.42	7041.49	6427.58
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	5932.48	5443.82	4858.01	4412.07	4015.29	3547.11	3206.51	2908.63	2653.47
45.0	6658.75	6147.85	5522.83	5051.14	4621.58	4208.41	3819.24	3370.37	3053.76
90.0	6024.36	5418.07	4966.28	4539.65	4141.11	3660.06	3310.09	3002.26	2740.67
135.0	6521.81	5903.22	5425.68	4865.62	4444.84	4045.13	3657.13	3220.55	2924.43
180.0	7117.56	6634.17	6129.71	5625.83	5038.26	4610.46	4200.22	3794.66	3368.61
225.0	6511.27	6016.76	5400.51	4938.19	4410.31	4024.07	3641.91	3217.04	2922.09
270.0	7070.75	6585.60	5994.52	5506.44	5028.90	4486.39	4079.08	3690.49	3272.64
315.0	6582.67	6103.96	5510.54	5050.55	4599.93	4176.81	3705.70	3360.42	3042.64
360.0	5932.48	5443.82	4858.01	4412.07	4015.29	3547.11	3206.51	2908.63	2653.47
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	2387.19	2198.16	2027.86	1870.44	1698.38	1567.88	1413.38	1145.93	1145.93
45.0	2779.88	2495.46	2298.82	2075.85	1920.18	1779.73	1616.45	1488.87	1365.97
90.0	2463.27	2267.81	2048.35	1897.36	1756.90	1592.46	1468.39	1164.13	1164.13
135.0	2671.61	2453.32	2212.79	2041.91	1890.34	1720.62	1590.11	1466.63	1316.81
180.0	3047.91	2764.66	2480.24	2281.27	2088.14	1897.94	1759.24	1632.25	1484.77
225.0	2657.57	2381.92	2190.56	2016.74	1865.17	1695.46	1570.80	1449.08	1152.43
270.0	2963.64	2689.75	2404.16	2213.96	2038.40	1881.56	1710.09	1582.51	1459.02
315.0	2768.17	2462.69	2263.12	2083.46	1882.14	1741.69	1611.18	1456.10	1159.74
360.0	2387.19	2198.16	2027.86	1870.44	1698.38	1567.88	1413.38	1145.93	1145.93
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	1027.54	913.65	798.42	685.59	551.69	462.09	391.81	321.99	276.81
45.0	1244.83	1096.77	981.48	867.36	753.83	615.72	517.98	440.15	364.07
90.0	1074.53	958.66	845.53	731.24	595.70	499.67	424.35	351.31	303.56
135.0	1196.84	1050.54	937.00	825.81	715.20	581.77	488.72	416.74	358.80
180.0	1377.09	1256.54	1148.86	1006.06	884.92	771.39	656.68	530.86	447.17
225.0	1152.43	1066.22	951.58	809.48	696.71	562.46	470.29	397.78	326.67
270.0	1340.22	1193.92	1077.46	960.41	815.28	700.57	567.14	475.85	402.11
315.0	1159.74	1072.95	956.67	841.32	697.82	588.09	489.25	411.06	336.04
360.0	1027.54	913.65	798.42	685.59	551.69	462.09	391.81	321.99	276.81
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	238.54	204.89	169.95	147.24	128.05	112.25	94.86	83.22	73.86
45.0	315.49	303.79	253.81	193.42	160.82	139.58	120.38	103.82	90.30
90.0	262.71	218.00	187.68	161.52	133.84	115.23	99.14	86.26	73.91
135.0	297.94	297.94	245.62	185.11	153.27	132.26	109.44	93.93	81.64
180.0	365.82	311.98	299.11	244.27	179.72	152.92	125.76	108.38	93.40
225.0	280.03	240.12	205.47	176.04	145.43	125.30	108.56	94.34	80.00
270.0	343.00	305.55	305.55	203.60	174.28	144.49	125.24	108.91	94.92
315.0	285.94	244.04	207.70	170.48	146.07	125.59	104.76	91.47	78.13
360.0	238.54	204.89	169.95	147.24	128.05	112.25	94.86	83.22	73.86

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	65.60	60.92	57.35	54.60	53.02	52.09	49.86	48.63	47.34
45.0	78.01	69.88	64.02	60.22	56.12	53.61	52.03	50.21	48.40
90.0	66.66	61.45	57.24	54.13	51.73	50.56	48.52	47.05	45.18
135.0	70.46	63.56	58.93	55.95	52.44	50.50	49.28	48.16	46.47
180.0	81.17	69.88	63.15	58.23	54.19	51.79	49.74	48.81	47.64
225.0	70.93	62.38	58.23	55.30	52.09	50.50	49.39	48.05	46.70
270.0	80.82	71.98	63.44	59.17	56.59	53.78	51.79	50.97	49.45
315.0	70.34	64.02	59.22	55.71	53.61	51.68	50.91	49.51	47.99
360.0	65.60	60.92	57.35	54.60	53.02	52.09	49.86	48.63	47.34
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	45.35	42.96	41.02	38.68	35.99	33.71	32.01	30.20	28.32
45.0	46.41	44.42	42.66	40.15	37.86	35.82	33.59	31.02	29.67
90.0	43.37	41.61	39.09	36.81	34.88	32.77	30.43	29.26	27.56
135.0	45.12	43.54	41.90	39.39	37.16	34.59	32.19	30.61	28.85
180.0	46.23	45.00	43.01	41.55	39.80	37.04	34.94	32.83	30.90
225.0	45.18	43.42	41.43	39.44	37.22	35.35	32.36	30.55	29.20
270.0	48.05	46.58	44.65	42.49	40.38	37.98	35.99	33.07	31.02
315.0	46.94	44.59	42.84	40.97	38.27	36.11	33.88	31.37	30.02
360.0	45.35	42.96	41.02	38.68	35.99	33.71	32.01	30.20	28.32
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	26.34	24.99	23.53	21.89	20.48	19.61	18.79	18.14	17.56
45.0	27.97	26.28	24.70	23.41	21.77	20.37	19.55	18.67	17.97
90.0	25.87	24.35	23.00	21.42	20.07	19.20	18.49	17.73	17.26
135.0	26.98	25.46	24.23	22.47	21.07	20.01	19.20	18.26	17.67
180.0	29.09	27.33	25.69	24.46	22.88	21.42	20.31	19.25	18.55
225.0	26.98	25.34	23.94	22.47	21.07	19.90	19.14	18.38	17.79
270.0	29.61	27.33	25.63	24.11	22.65	21.13	20.13	19.14	18.38
315.0	28.38	26.45	24.81	23.58	22.00	20.72	19.61	18.84	17.91
360.0	26.34	24.99	23.53	21.89	20.48	19.61	18.79	18.14	17.56
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	17.03	16.62	16.09	15.74	15.39	15.04	14.63	14.28	13.87
45.0	17.50	17.03	16.56	16.15	15.86	15.51	15.04	14.63	14.40
90.0	16.85	16.33	15.98	15.63	15.33	14.86	14.63	14.28	13.99
135.0	17.21	16.68	16.33	15.98	15.57	15.16	14.86	14.51	14.28
180.0	17.91	17.26	16.85	16.44	15.98	15.63	15.33	14.98	14.57
225.0	17.32	16.74	16.39	15.98	15.63	15.22	14.86	14.51	14.22
270.0	17.73	17.26	16.74	16.39	16.04	15.68	15.27	14.98	14.57
315.0	17.44	16.97	16.50	16.15	15.80	15.39	14.98	14.69	14.34
360.0	17.03	16.62	16.09	15.74	15.39	15.04	14.63	14.28	13.87
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	13.58	13.28	13.05	12.76	12.52	12.35	12.17	12.00	11.88
45.0	14.10	13.69	13.34	13.05	12.82	12.52	12.35	12.23	12.00
90.0	13.69	13.40	13.11	12.87	12.64	12.41	12.17	12.06	11.82
135.0	13.87	13.64	13.34	13.11	12.82	12.58	12.29	12.11	11.82
180.0	14.28	13.93	13.64	13.34	13.11	12.87	12.58	12.23	12.06
225.0	13.99	13.64	13.28	13.05	12.82	12.52	12.29	12.11	11.82
270.0	14.28	13.99	13.64	13.34	13.05	12.82	12.52	12.23	12.29
315.0	13.99	13.64	13.40	13.05	12.87	12.64	12.41	12.23	12.23
360.0	13.58	13.28	13.05	12.76	12.52	12.35	12.17	12.00	11.88

Intensity data(cd)

C/ γ (°)	90.0
0.0	12.00
45.0	11.94
90.0	11.88
135.0	11.88
180.0	11.82
225.0	11.82
270.0	11.82
315.0	11.82
360.0	12.00