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NT

Client:

LumCAT: 3-2806-L

Luminaire: 92.70.412.00

Report No: 2024305-B028

Ballast type: AC

Test No: 2024305-C028

Voltage(V): 34.260

LampCAT: TRIDONIC SLE G7 15MM

Current(A): 0.532

Lamp flux(lm): 3287.0

Power (W): 18.226

Number of Lamps: 1

PF: 0.000

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 2741.97, Efficiency(%): 83.42% , Luminous Efficacy(lm/W): 150.44

Central intensity(cd): 9430.813, Maximum intensity(cd): 9430.813

Angle of maximum intensity: C=0.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=24.0

[C90/270]Total=24.0

Field angle(10%Imax): [C0/180]Total=58.8

[C90/270]Total=58.8

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

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(%): 83.42%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 97.843%

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	9430.813	0.000	0	0.00%	0.00%
1.0	9378.655	9.000	9	0.27%	0.33%
2.0	9223.497	26.700	35.7	0.81%	1.30%
3.0	8969.290	43.511	79.211	1.32%	2.89%
4.0	8613.400	58.855	138.066	1.79%	5.04%
5.0	8165.045	72.180	210.246	2.20%	7.67%
6.0	7677.186	83.255	293.501	2.53%	10.70%
7.0	7174.551	92.184	385.685	2.80%	14.07%
8.0	6629.414	98.792	484.478	3.01%	17.67%
9.0	6096.933	103.140	587.618	3.14%	21.43%
10.0	5605.709	105.905	693.522	3.22%	25.29%
11.0	5144.918	107.421	800.943	3.27%	29.21%
12.0	4698.172	107.599	908.542	3.27%	33.13%
13.0	4303.437	106.826	1015.369	3.25%	37.03%
14.0	3932.332	105.417	1120.786	3.21%	40.88%
15.0	3595.023	103.339	1224.125	3.14%	44.64%
16.0	3279.440	100.730	1324.855	3.06%	48.32%
17.0	3021.868	98.128	1422.983	2.99%	51.90%
18.0	2766.929	95.445	1518.428	2.90%	55.38%
19.0	2555.956	92.607	1611.035	2.82%	58.75%
20.0	2355.150	89.887	1700.922	2.73%	62.03%
21.0	2157.052	86.643	1787.565	2.64%	65.19%
22.0	1969.194	82.919	1870.484	2.52%	68.22%
23.0	1803.576	79.163	1949.647	2.41%	71.10%
24.0	1595.382	74.313	2023.96	2.26%	73.81%
25.0	1441.687	69.056	2093.017	2.10%	76.33%
26.0	1273.969	64.103	2157.12	1.95%	78.67%
27.0	1182.103	60.088	2217.208	1.83%	80.86%
28.0	1091.584	57.565	2274.773	1.75%	82.96%
29.0	981.247	54.231	2329.004	1.65%	84.94%
30.0	874.743	50.111	2379.116	1.52%	86.77%
31.0	758.247	45.444	2424.56	1.38%	88.42%
32.0	641.955	40.114	2464.674	1.22%	89.89%
33.0	525.700	34.400	2499.073	1.05%	91.14%
34.0	411.318	28.357	2527.43	0.86%	92.18%
35.0	315.714	22.579	2550.009	0.69%	93.00%
36.0	247.748	17.941	2567.95	0.55%	93.65%
37.0	180.476	13.966	2581.916	0.42%	94.16%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	142.700	10.787	2592.703	0.33%	94.56%
39.0	100.542	8.303	2601.006	0.25%	94.86%
40.0	89.876	6.641	2607.647	0.20%	95.10%
41.0	81.493	6.102	2613.749	0.19%	95.32%
42.0	74.302	5.660	2619.409	0.17%	95.53%
43.0	68.245	5.280	2624.69	0.16%	95.72%
44.0	62.758	4.944	2629.634	0.15%	95.90%
45.0	57.711	4.630	2634.264	0.14%	96.07%
46.0	53.285	4.341	2638.605	0.13%	96.23%
47.0	49.430	4.085	2642.69	0.12%	96.38%
48.0	45.874	3.853	2646.543	0.12%	96.52%
49.0	42.868	3.644	2650.187	0.11%	96.65%
50.0	40.190	3.463	2653.65	0.11%	96.78%
51.0	37.930	3.305	2656.955	0.10%	96.90%
52.0	35.947	3.170	2660.125	0.10%	97.02%
53.0	34.316	3.056	2663.182	0.09%	97.13%
54.0	32.912	2.963	2666.145	0.09%	97.23%
55.0	31.727	2.885	2669.03	0.09%	97.34%
56.0	30.819	2.826	2671.856	0.09%	97.44%
57.0	30.073	2.784	2674.64	0.08%	97.54%
58.0	29.451	2.753	2677.393	0.08%	97.64%
59.0	28.939	2.730	2680.123	0.08%	97.74%
60.0	28.296	2.704	2682.827	0.08%	97.84%
61.0	27.623	2.669	2685.495	0.08%	97.94%
62.0	26.657	2.616	2688.111	0.08%	98.04%
63.0	25.545	2.539	2690.65	0.08%	98.13%
64.0	24.360	2.449	2693.099	0.07%	98.22%
65.0	23.307	2.359	2695.458	0.07%	98.30%
66.0	22.421	2.282	2697.739	0.07%	98.39%
67.0	21.748	2.221	2699.96	0.07%	98.47%
68.0	21.412	2.186	2702.146	0.07%	98.55%
69.0	21.324	2.180	2704.327	0.07%	98.63%
70.0	21.119	2.180	2706.506	0.07%	98.71%
71.0	21.024	2.178	2708.685	0.07%	98.79%
72.0	21.053	2.188	2710.873	0.07%	98.87%
73.0	20.841	2.191	2713.063	0.07%	98.95%
74.0	20.651	2.181	2715.245	0.07%	99.03%
75.0	20.315	2.164	2717.409	0.07%	99.10%

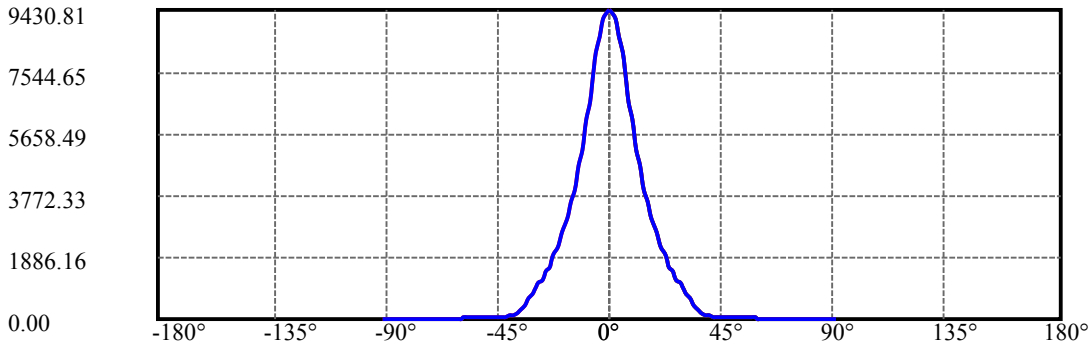
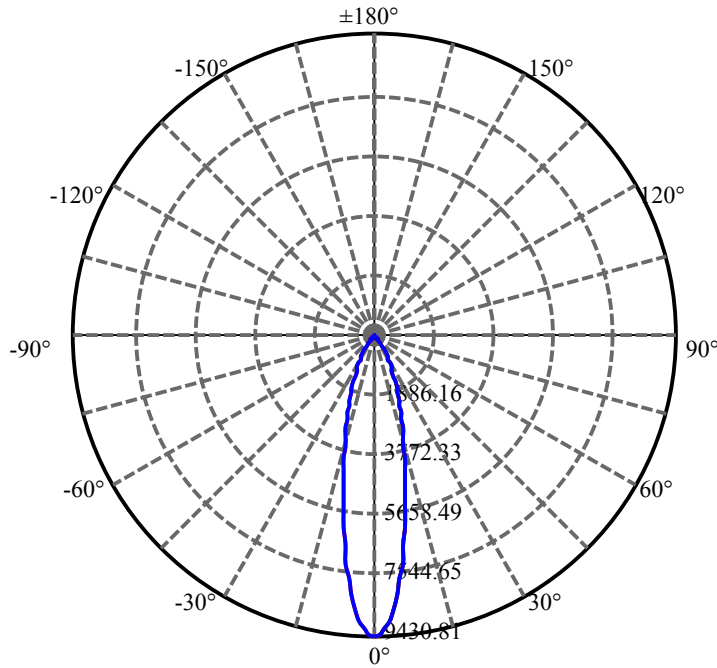
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	20.044	2.142	2719.552	0.07%	99.18%
77.0	19.634	2.115	2721.667	0.06%	99.26%
78.0	19.034	2.070	2723.737	0.06%	99.33%
79.0	18.171	1.999	2725.736	0.06%	99.41%
80.0	17.220	1.908	2727.644	0.06%	99.48%
81.0	15.977	1.795	2729.439	0.05%	99.54%
82.0	14.638	1.660	2731.1	0.05%	99.60%
83.0	13.592	1.535	2732.634	0.05%	99.66%
84.0	12.977	1.447	2734.082	0.04%	99.71%
85.0	12.553	1.393	2735.475	0.04%	99.76%
86.0	12.231	1.355	2736.83	0.04%	99.81%
87.0	11.902	1.321	2738.151	0.04%	99.86%
88.0	11.668	1.291	2739.442	0.04%	99.91%
89.0	11.514	1.271	2740.712	0.04%	99.95%
90.0	11.463	1.260	2741.972	0.04%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	2379.12	72.38%	86.77%
0-40	2607.65	79.33%	95.10%
0-60	2682.83	81.62%	97.84%
0-90	2740.71	83.38%	99.95%
0-120	2740.71	83.38%	99.95%
0-180	2741.97	83.42%	100.00%
60-90	57.89	1.76%	2.11%
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%
0-26.61	2193.58	66.73%	80.00%

ZONAL LUMEN SUMMARY

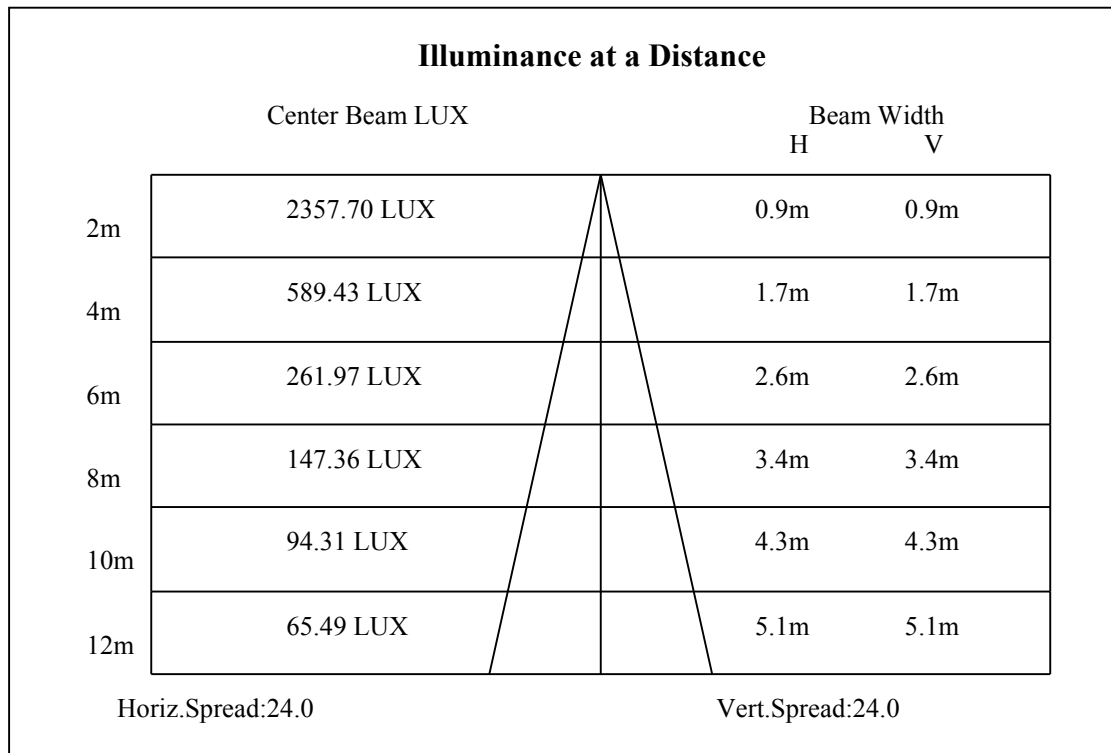
0-10	693.52
10-20	1007.40
20-30	678.19
30-40	228.53
40-50	46.00
50-60	29.18
60-70	23.68
70-80	21.14
80-90	13.07
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

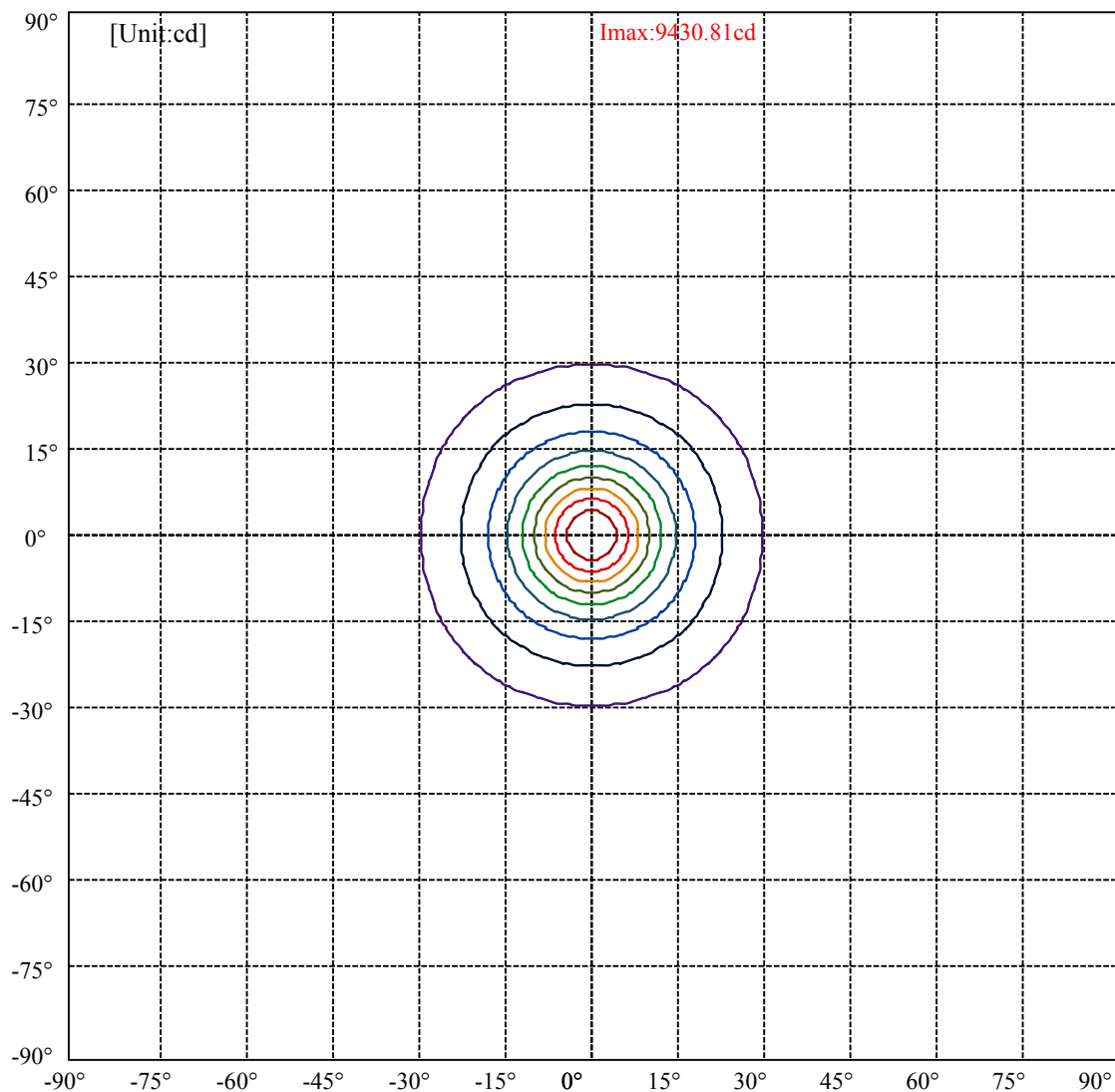


C0(Max): —————
C0/C180: —————
C90/C270: —————

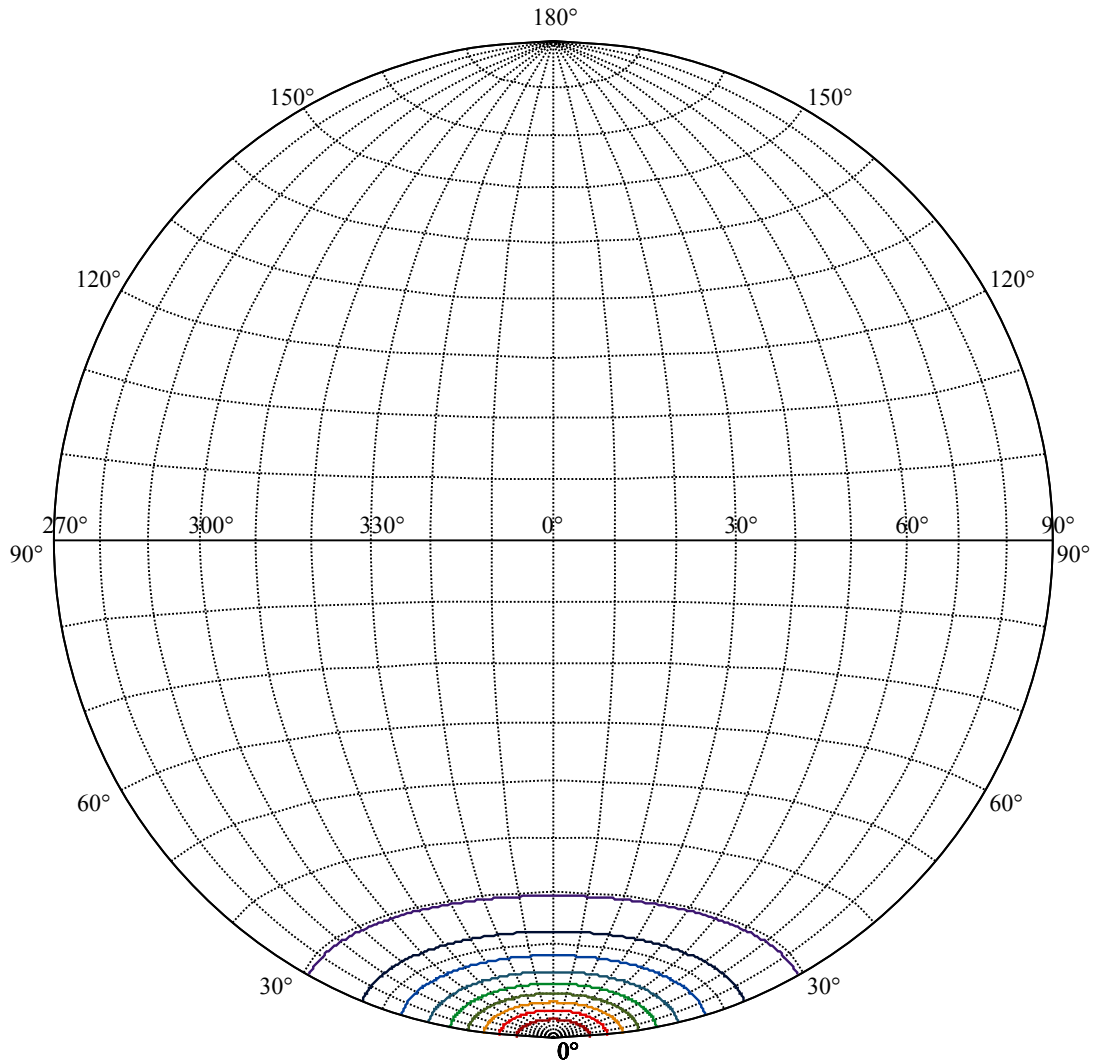
Field angle(10%Imax):C0/180Left:29.4 Right:29.4
:C90/270Left:29.4 Right:29.4

Beam Angle(50%Imax):C0/180Left:12.0 Right:12.0
:C90/270Left:12.0 Right:12.0





(10%Imax) 943.081	—
(20%Imax) 1886.16	—
(30%Imax) 2829.24	—
(40%Imax) 3772.33	—
(50%Imax) 4715.41	—
(60%Imax) 5658.49	—
(70%Imax) 6601.57	—
(80%Imax) 7544.65	—
(90%Imax) 8487.73	—



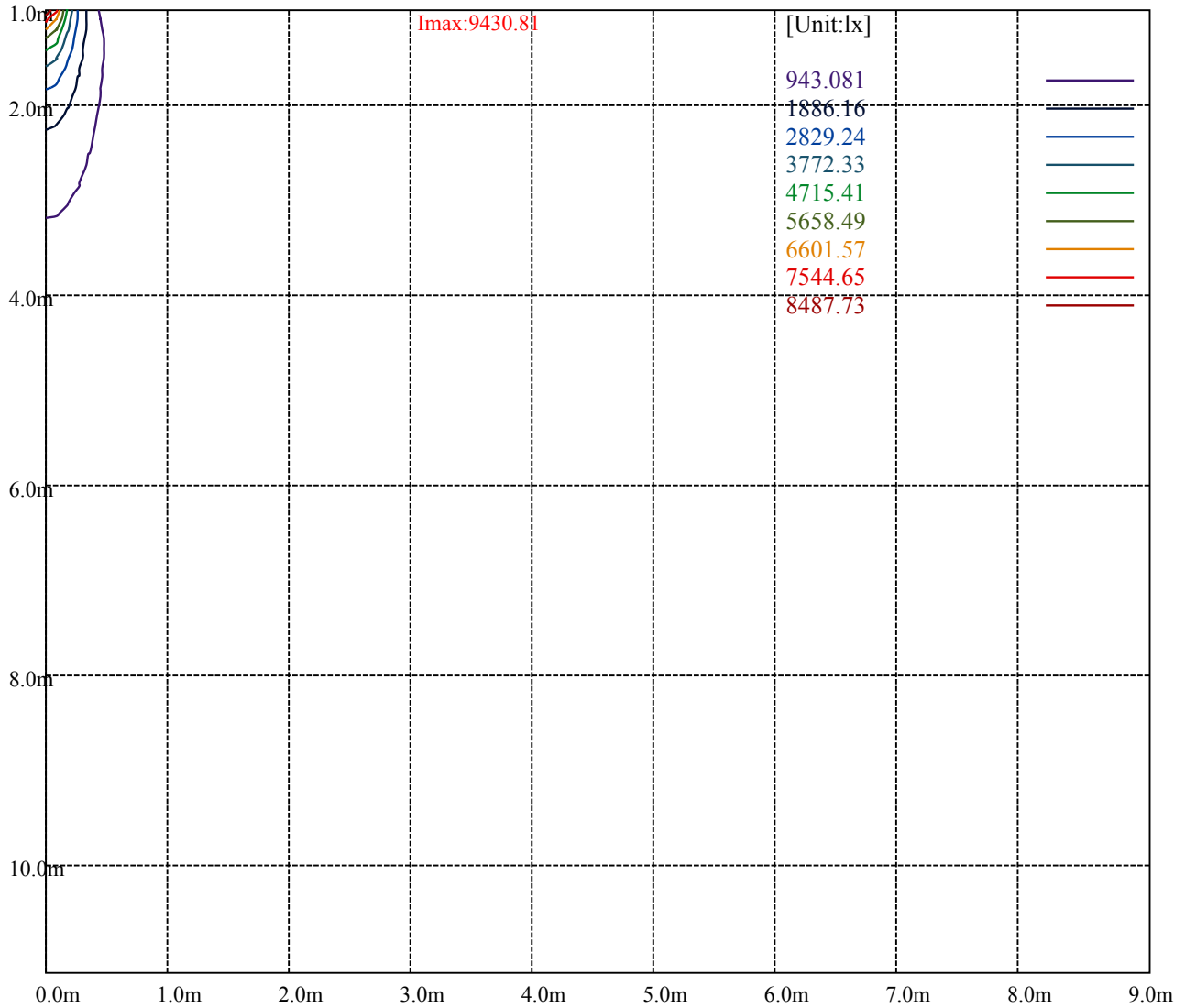
House

[Unit:cd]

Road

Imax:9430.81

(10%Imax) 943.081	—
(20%Imax) 1886.16	—
(30%Imax) 2829.24	—
(40%Imax) 3772.33	—
(50%Imax) 4715.41	—
(60%Imax) 5658.49	—
(70%Imax) 6601.57	—
(80%Imax) 7544.65	—
(90%Imax) 8487.73	—



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

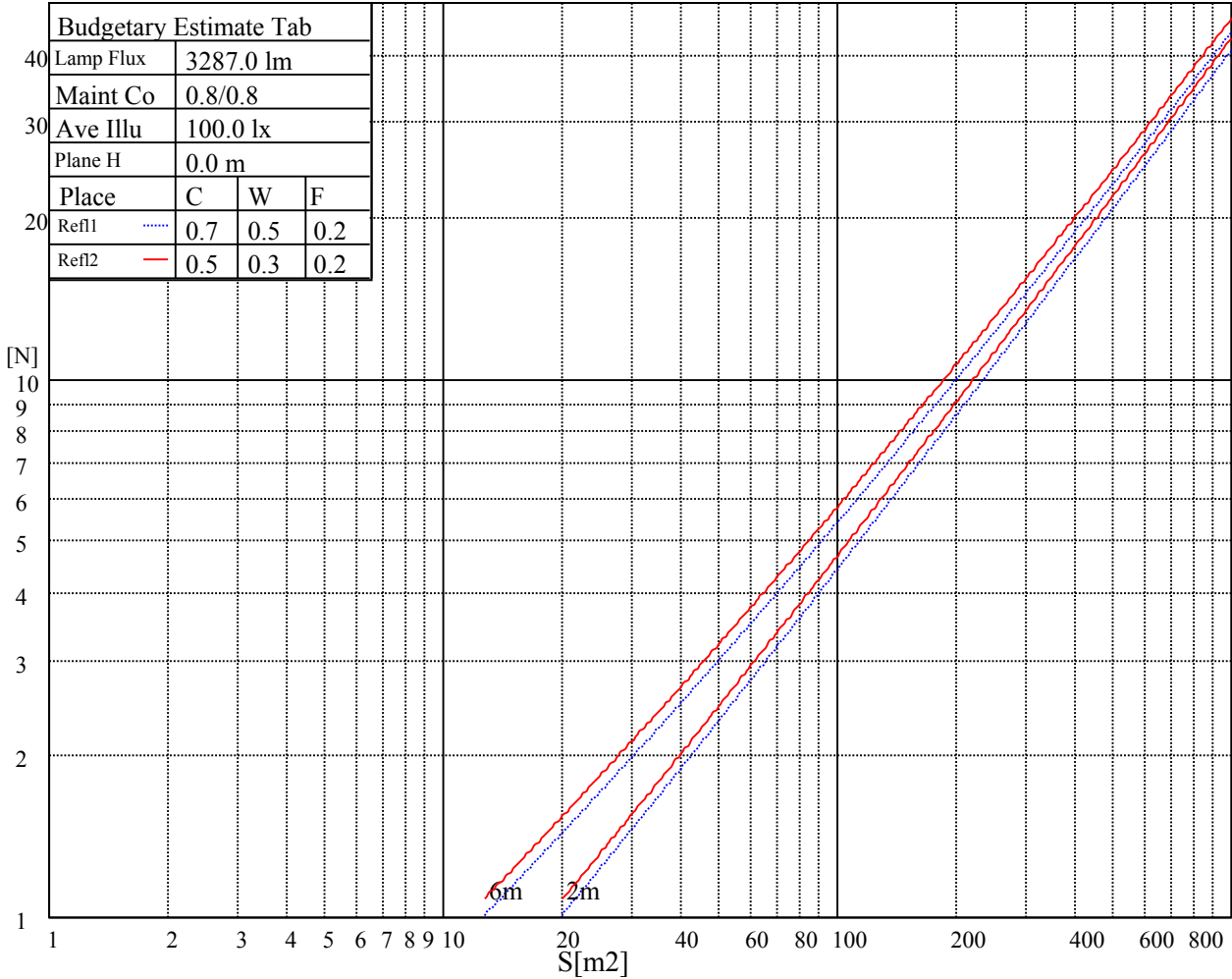
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

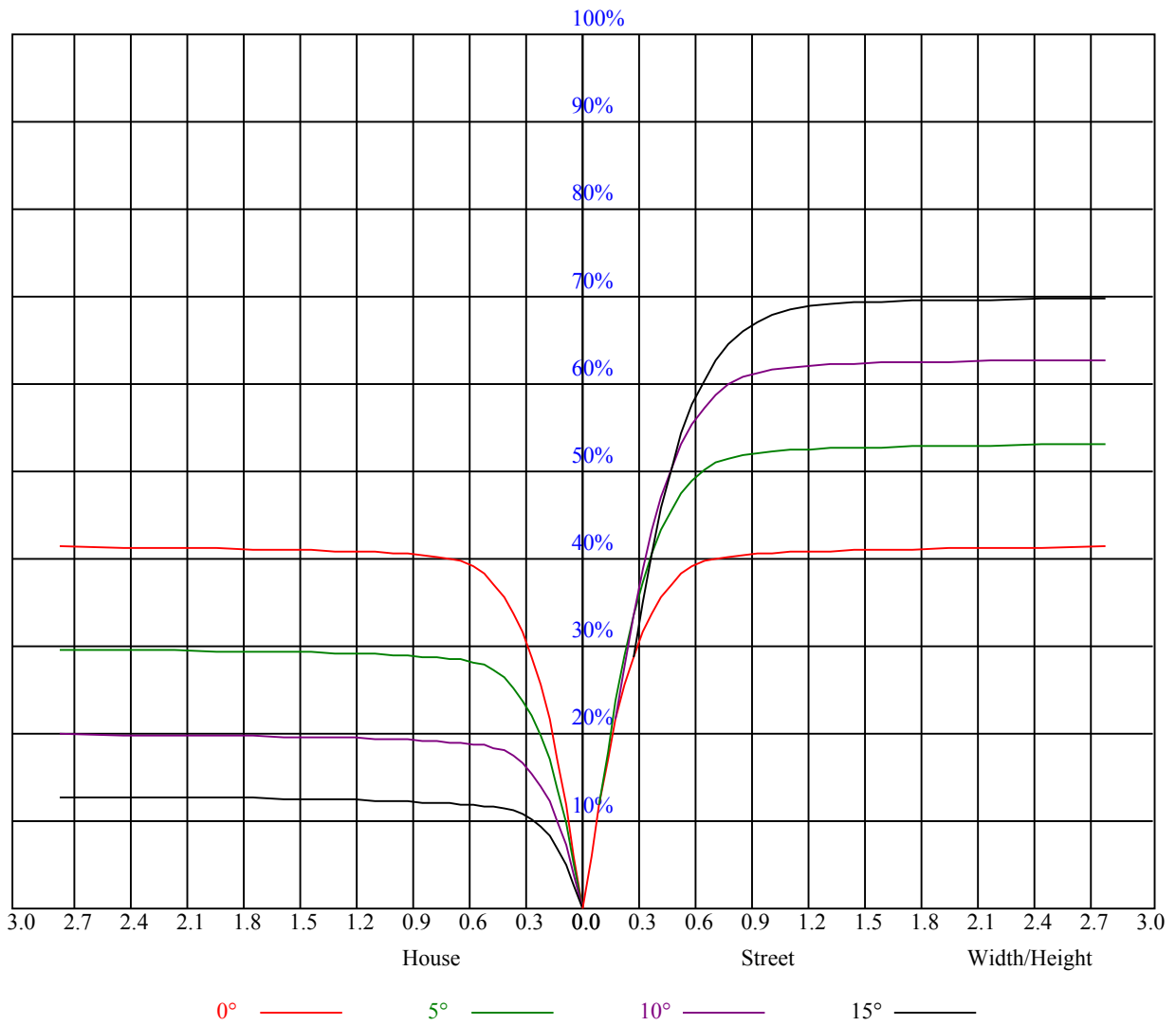


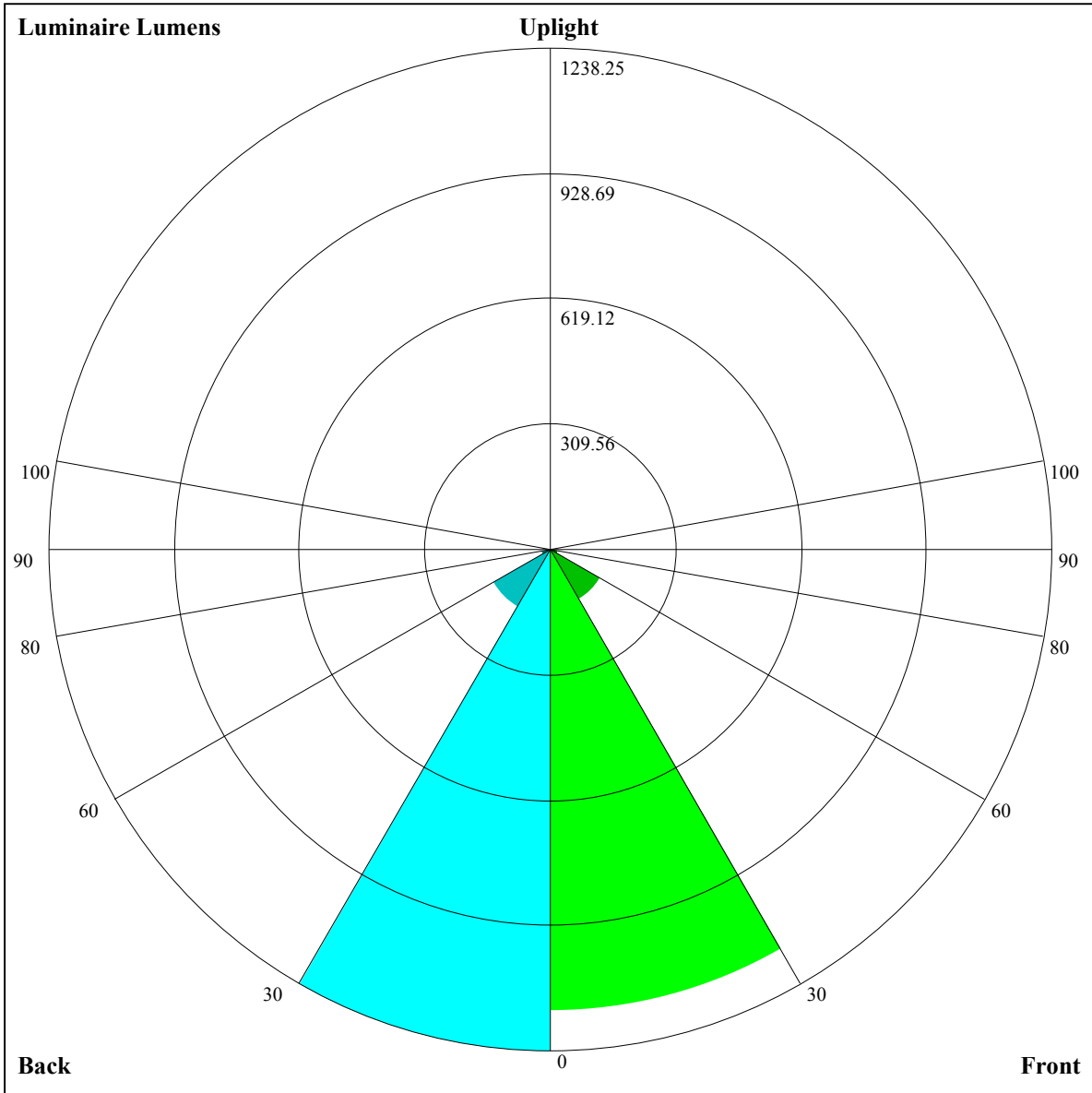
Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	3H	非数字	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 RHOF=20 CU															
0	0.99	0.99	0.99	0.97	0.97	0.97	0.93	0.93	0.93	0.89	0.89	0.89	0.85	0.85	0.85	0.83
1	0.93	0.91	0.89	0.91	0.90	0.88	0.88	0.87	0.85	0.85	0.84	0.83	0.82	0.81	0.80	0.79
2	0.88	0.85	0.82	0.86	0.84	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	0.77	0.82	0.79	0.76	0.80	0.77	0.75	0.78	0.75	0.74	0.76	0.74	0.72	0.71
4	0.79	0.75	0.72	0.78	0.74	0.72	0.76	0.73	0.71	0.75	0.72	0.70	0.73	0.71	0.69	0.68
5	0.75	0.71	0.68	0.74	0.71	0.68	0.73	0.70	0.67	0.72	0.69	0.67	0.70	0.68	0.66	0.65
6	0.72	0.68	0.65	0.71	0.67	0.65	0.70	0.67	0.64	0.69	0.66	0.64	0.68	0.65	0.63	0.62
7	0.69	0.65	0.62	0.68	0.64	0.62	0.67	0.64	0.61	0.66	0.63	0.61	0.66	0.63	0.61	0.60
8	0.66	0.62	0.59	0.66	0.62	0.59	0.65	0.61	0.59	0.64	0.61	0.59	0.63	0.61	0.58	0.57
9	0.64	0.60	0.57	0.63	0.59	0.57	0.63	0.59	0.57	0.62	0.59	0.56	0.61	0.58	0.56	0.55
10	0.61	0.57	0.55	0.61	0.57	0.55	0.60	0.57	0.54	0.60	0.57	0.54	0.59	0.56	0.54	0.53





Luminaire Lumens:

FL=1141.63,FM=140.8,FH=21.31,FVH=6.94

BL=1238.25,BM=165.62,BH=22.39,BVH=7.32

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	9325.62	9110.84	8688.89	8261.68	7787.65	7180.18	6683.91	6198.76	5729.41
45.0	9474.27	9396.43	9231.98	8878.51	8474.70	8008.28	7519.61	7021.59	6402.42
90.0	9424.52	9227.89	8966.88	8598.18	8144.63	7540.10	7036.80	6531.75	6037.82
135.0	9498.85	9450.27	9329.13	9116.11	8705.28	8264.61	7788.23	7293.72	6664.02
180.0	9325.62	9466.07	9505.87	9435.06	9293.43	8987.94	8630.37	8201.40	7712.15
225.0	9474.27	9466.07	9368.93	9181.65	8801.84	8401.55	7943.90	7311.86	6786.33
270.0	9424.52	9484.80	9463.73	9315.67	9096.80	8777.26	8251.15	7784.72	7151.51
315.0	9498.85	9426.86	9232.57	8967.46	8602.87	8160.44	7563.51	7052.60	6551.65
360.0	9325.62	9110.84	8688.89	8261.68	7787.65	7180.18	6683.91	6198.76	5729.41
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	5178.71	4773.15	4390.42	4026.99	3624.36	3333.50	3071.32	2781.63	2577.39
45.0	5920.19	5462.55	4938.77	4546.09	4087.86	3753.69	3440.60	3098.82	2855.96
90.0	5461.96	5035.33	4542.57	4176.81	3843.23	3467.52	3195.97	2947.84	2729.55
135.0	6166.57	5694.30	5258.31	4753.84	4374.03	4031.09	3634.31	3348.13	3092.39
180.0	7072.50	6568.62	6067.09	5471.91	5041.19	4638.55	4172.13	3840.30	3475.12
225.0	6270.74	5668.55	5226.12	4817.05	4438.40	4007.68	3686.98	3396.70	3135.69
270.0	6645.29	6160.72	5689.03	5135.41	4731.02	4353.55	3995.97	3604.46	3334.09
315.0	6059.48	5482.45	5047.04	4657.28	4287.42	3873.08	3562.91	3217.63	2974.76
360.0	5178.71	4773.15	4390.42	4026.99	3624.36	3333.50	3071.32	2781.63	2577.39
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	2340.96	2159.54	1991.58	1827.72	1617.04	1450.25	1154.71	1154.71	1093.14
45.0	2641.18	2445.13	2226.25	2057.12	1896.77	1737.01	1528.08	1370.07	1244.83
90.0	2479.66	2298.24	2122.67	1955.30	1753.39	1585.43	1303.94	1166.41	1144.52
135.0	2811.48	2603.14	2415.28	2194.07	2027.86	1862.24	1696.04	1485.36	1323.84
180.0	3194.22	2965.39	2744.18	2486.68	2311.11	2135.54	1959.98	1756.90	1600.65
225.0	2840.74	2628.30	2434.59	2212.21	2040.15	1877.46	1675.56	1512.87	1153.48
270.0	3074.83	2853.62	2597.87	2393.04	2182.95	2016.74	1840.01	1643.96	1484.77
315.0	2752.37	2494.29	2308.77	2130.28	1924.28	1763.93	1604.75	1443.22	1146.51
360.0	2340.96	2159.54	1991.58	1827.72	1617.04	1450.25	1154.71	1154.71	1093.14
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	993.65	895.34	792.10	659.14	550.70	442.61	340.02	227.07	152.92
45.0	1135.98	1049.37	928.81	824.06	715.79	605.77	469.41	365.24	317.25
90.0	1065.05	975.69	855.36	752.72	615.42	502.53	395.79	298.99	192.48
135.0	1200.94	1119.01	1008.40	907.74	806.50	670.73	560.12	425.52	324.86
180.0	1435.62	1285.21	1160.56	1079.21	953.39	848.05	737.44	597.57	487.55
225.0	1153.48	1115.26	1023.68	922.90	789.00	678.33	567.38	458.87	333.99
270.0	1325.59	1211.47	1097.36	999.04	892.53	755.00	642.05	530.86	424.35
315.0	1146.51	1081.32	983.70	853.14	742.65	632.63	493.40	386.42	292.32
360.0	993.65	895.34	792.10	659.14	550.70	442.61	340.02	227.07	152.92
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	112.95	102.24	91.06	83.98	77.25	71.10	64.67	59.63	55.30
45.0	317.25	119.03	104.87	94.81	86.85	78.24	71.92	66.66	60.40
90.0	128.52	102.06	92.00	81.76	75.03	68.88	63.56	57.88	53.43
135.0	302.03	197.69	106.98	96.27	86.91	78.13	71.92	66.25	61.39
180.0	382.80	311.40	311.40	127.93	106.75	96.27	85.56	78.71	72.86
225.0	244.10	173.52	120.03	106.34	96.09	86.03	79.36	73.33	66.54
270.0	303.21	303.21	203.60	114.65	99.96	90.36	81.11	74.67	68.59
315.0	191.13	134.66	111.66	98.61	90.18	82.93	76.31	68.82	63.56
360.0	112.95	102.24	91.06	83.98	77.25	71.10	64.67	59.63	55.30

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	51.56	48.05	44.59	41.90	39.62	37.22	35.64	34.00	32.89
45.0	56.01	51.32	47.99	44.89	41.49	39.03	37.40	35.70	33.88
90.0	48.87	45.76	42.72	39.74	37.63	35.87	33.94	32.60	31.54
135.0	55.71	51.79	48.46	45.12	41.61	39.15	36.58	35.00	33.53
180.0	66.19	61.33	56.65	51.91	48.52	45.35	42.19	39.80	37.86
225.0	61.45	56.65	52.73	48.22	45.00	42.37	39.91	37.40	35.58
270.0	63.32	57.00	52.61	48.92	45.53	42.08	39.56	37.34	35.05
315.0	58.58	54.37	49.69	46.29	43.54	40.44	38.22	35.76	34.18
360.0	51.56	48.05	44.59	41.90	39.62	37.22	35.64	34.00	32.89
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	31.72	30.96	30.49	29.79	29.09	28.73	27.27	26.10	25.28
45.0	32.77	31.78	30.96	30.37	29.79	29.26	28.68	27.62	26.39
90.0	30.61	29.44	29.14	28.79	28.27	27.80	27.45	26.22	24.99
135.0	32.13	31.25	30.31	29.73	29.38	28.79	28.27	28.03	26.57
180.0	36.11	34.29	33.24	32.13	30.96	30.55	30.02	29.38	28.91
225.0	33.71	32.54	31.43	30.31	29.90	29.26	28.56	28.27	27.51
270.0	33.36	31.95	30.67	29.61	28.91	28.38	27.80	27.45	26.98
315.0	32.89	31.60	30.31	29.85	29.32	28.73	28.32	27.92	26.63
360.0	31.72	30.96	30.49	29.79	29.09	28.73	27.27	26.10	25.28
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	23.53	22.53	21.77	20.60	20.25	20.78	21.30	21.59	21.48
45.0	25.28	23.94	22.77	22.18	22.41	23.47	25.46	24.99	24.35
90.0	24.05	22.36	21.42	20.60	19.49	18.49	17.85	17.38	16.85
135.0	25.46	24.64	22.94	21.89	20.89	19.72	18.96	18.55	18.90
180.0	28.21	26.98	25.87	24.81	23.12	22.30	21.54	20.78	21.01
225.0	26.22	25.22	24.81	25.05	25.46	26.10	26.86	28.68	29.20
270.0	26.10	24.93	24.05	22.59	21.54	20.72	19.84	18.73	18.08
315.0	25.52	24.29	22.82	21.65	20.83	19.72	18.79	18.26	18.32
360.0	23.53	22.53	21.77	20.60	20.25	20.78	21.30	21.59	21.48
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	21.54	21.65	21.42	21.19	20.72	20.54	20.01	18.61	16.21
45.0	25.11	23.64	23.23	22.53	22.36	21.65	20.66	19.78	18.96
90.0	16.44	16.15	15.86	15.45	15.16	14.81	14.40	14.05	13.69
135.0	19.31	19.43	19.55	19.49	19.02	18.84	18.26	17.38	16.21
180.0	21.54	22.18	22.82	22.82	22.59	22.41	21.65	20.95	20.54
225.0	28.50	27.97	27.10	26.34	26.16	25.05	24.35	23.17	21.95
270.0	17.44	16.97	16.62	16.21	15.92	15.57	15.27	14.86	14.57
315.0	18.55	18.73	18.61	18.49	18.43	18.20	17.67	16.56	15.63
360.0	21.54	21.65	21.42	21.19	20.72	20.54	20.01	18.61	16.21
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	14.05	13.11	12.70	12.47	11.94	11.70	11.65	11.47	11.41
45.0	16.68	13.28	12.93	12.64	12.35	11.94	11.65	11.65	11.41
90.0	13.34	13.11	12.82	12.35	12.00	11.76	11.65	11.35	11.53
135.0	14.51	13.52	13.11	12.76	12.47	12.11	11.82	11.65	11.41
180.0	19.96	18.96	16.68	14.40	13.40	12.93	12.41	12.00	11.70
225.0	20.42	17.44	13.64	13.05	12.82	12.52	12.06	11.76	11.59
270.0	14.28	13.93	13.64	13.28	12.93	12.64	12.17	11.82	11.59
315.0	14.57	13.75	13.23	12.87	12.52	12.23	11.82	11.65	11.47
360.0	14.05	13.11	12.70	12.47	11.94	11.70	11.65	11.47	11.41

Intensity data(cd)

C/ γ (°)	90.0
0.0	11.47
45.0	11.41
90.0	11.41
135.0	11.53
180.0	11.59
225.0	11.35
270.0	11.35
315.0	11.59
360.0	11.47