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NT

Client:

LumCAT: 3-2834-L

Luminaire: 92.70.412.00

Report No: 2024308-B008

Ballast type: AC

Test No: 2024308-C008

Voltage(V): 34.290

LampCAT: TRIDONIC SLE G7 15MM

Current(A): 0.530

Lamp flux(lm): 3273.0

Power (W): 18.173

Number of Lamps: 1

PF: 0.000

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 2774.04, Efficiency(%): 84.76% , Luminous Efficacy(lm/W): 152.65

Central intensity(cd): 6431.828, Maximum intensity(cd): 6431.828

Angle of maximum intensity: C=0.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=35.2

[C90/270]Total=35.2

Field angle(10%Imax): [C0/180]Total=64.8

[C90/270]Total=64.8

Maximum s/h(1/2): C0_180=0.58 C90_270=0.58

Maximum s/h(1/4): C0_180=0.59 C90_270=0.59

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 84.76%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 97.966%

Equipment: GMS1980
Temperature(°C): 25.0

Date: 2024/3/8
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	6431.828	0.000	0	0.00%	0.00%
1.0	6420.855	6.150	6.15	0.19%	0.22%
2.0	6385.595	18.381	24.531	0.56%	0.88%
3.0	6337.314	30.429	54.96	0.93%	1.98%
4.0	6267.379	42.192	97.152	1.29%	3.50%
5.0	6181.571	53.555	150.706	1.64%	5.43%
6.0	6074.475	64.409	215.115	1.97%	7.75%
7.0	5944.043	74.599	289.714	2.28%	10.44%
8.0	5777.985	83.892	373.606	2.56%	13.47%
9.0	5570.230	91.971	465.577	2.81%	16.78%
10.0	5352.673	98.848	564.426	3.02%	20.35%
11.0	5105.342	104.497	668.923	3.19%	24.11%
12.0	4831.969	108.629	777.552	3.32%	28.03%
13.0	4551.280	111.356	888.907	3.40%	32.04%
14.0	4264.813	112.845	1001.753	3.45%	36.11%
15.0	3971.030	113.065	1114.818	3.45%	40.19%
16.0	3651.643	111.693	1226.511	3.41%	44.21%
17.0	3387.780	109.623	1336.134	3.35%	48.17%
18.0	3110.164	107.137	1443.271	3.27%	52.03%
19.0	2843.228	103.577	1546.848	3.16%	55.76%
20.0	2591.289	99.467	1646.315	3.04%	59.35%
21.0	2346.591	94.817	1741.132	2.90%	62.77%
22.0	2142.714	90.214	1831.346	2.76%	66.02%
23.0	1944.103	85.752	1917.099	2.62%	69.11%
24.0	1771.023	81.226	1998.325	2.48%	72.04%
25.0	1565.777	75.872	2074.196	2.32%	74.77%
26.0	1432.009	70.763	2144.959	2.16%	77.32%
27.0	1288.768	66.564	2211.524	2.03%	79.72%
28.0	1175.168	62.382	2273.905	1.91%	81.97%
29.0	1076.126	58.900	2332.806	1.80%	84.09%
30.0	953.807	54.808	2387.614	1.67%	86.07%
31.0	825.943	49.528	2437.141	1.51%	87.86%
32.0	693.631	43.534	2480.675	1.33%	89.42%
33.0	563.074	37.023	2517.698	1.13%	90.76%
34.0	441.377	30.398	2548.096	0.93%	91.86%
35.0	328.297	23.903	2571.999	0.73%	92.72%
36.0	261.047	18.765	2590.764	0.57%	93.39%
37.0	174.638	14.210	2604.974	0.43%	93.91%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	154.829	10.997	2615.971	0.34%	94.30%
39.0	108.413	8.985	2624.956	0.27%	94.63%
40.0	91.822	6.983	2631.939	0.21%	94.88%
41.0	84.441	6.277	2638.216	0.19%	95.10%
42.0	77.806	5.895	2644.111	0.18%	95.32%
43.0	72.429	5.565	2649.676	0.17%	95.52%
44.0	67.784	5.292	2654.968	0.16%	95.71%
45.0	63.592	5.049	2660.017	0.15%	95.89%
46.0	59.883	4.829	2664.846	0.15%	96.06%
47.0	56.577	4.632	2669.478	0.14%	96.23%
48.0	53.694	4.458	2673.935	0.14%	96.39%
49.0	50.915	4.296	2678.231	0.13%	96.55%
50.0	48.727	4.154	2682.386	0.13%	96.70%
51.0	46.584	4.032	2686.418	0.12%	96.84%
52.0	44.601	3.913	2690.331	0.12%	96.98%
53.0	42.685	3.797	2694.128	0.12%	97.12%
54.0	41.010	3.689	2697.817	0.11%	97.25%
55.0	39.239	3.582	2701.399	0.11%	97.38%
56.0	37.506	3.468	2704.867	0.11%	97.51%
57.0	35.962	3.359	2708.226	0.10%	97.63%
58.0	34.228	3.246	2711.472	0.10%	97.74%
59.0	32.597	3.124	2714.596	0.10%	97.86%
60.0	31.083	3.008	2717.604	0.09%	97.97%
61.0	29.693	2.900	2720.505	0.09%	98.07%
62.0	28.266	2.793	2723.297	0.09%	98.17%
63.0	26.957	2.686	2725.983	0.08%	98.27%
64.0	25.757	2.587	2728.57	0.08%	98.36%
65.0	24.623	2.493	2731.063	0.08%	98.45%
66.0	23.541	2.403	2733.466	0.07%	98.54%
67.0	22.604	2.320	2735.787	0.07%	98.62%
68.0	21.595	2.239	2738.026	0.07%	98.70%
69.0	20.812	2.163	2740.189	0.07%	98.78%
70.0	19.985	2.095	2742.284	0.06%	98.86%
71.0	19.210	2.026	2744.31	0.06%	98.93%
72.0	18.478	1.960	2746.27	0.06%	99.00%
73.0	17.842	1.899	2748.169	0.06%	99.07%
74.0	17.250	1.845	2750.014	0.06%	99.13%
75.0	16.628	1.790	2751.804	0.05%	99.20%

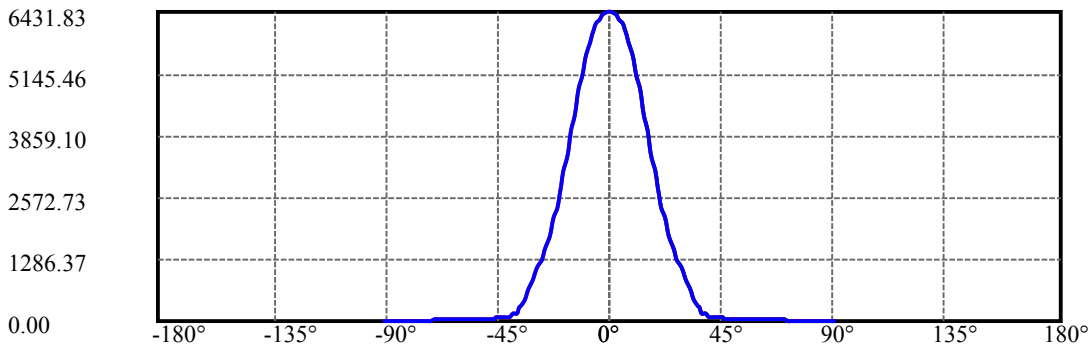
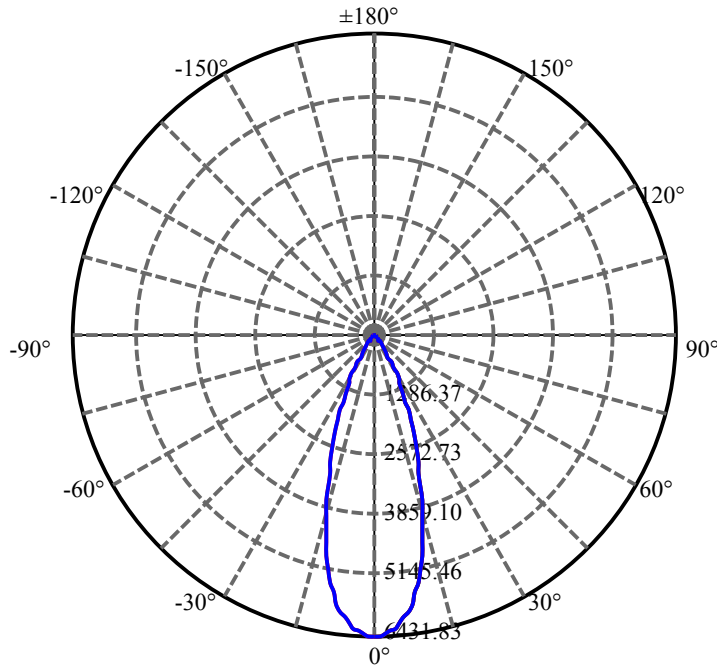
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	16.138	1.739	2753.543	0.05%	99.26%
77.0	15.655	1.695	2755.238	0.05%	99.32%
78.0	15.223	1.653	2756.891	0.05%	99.38%
79.0	14.792	1.613	2758.504	0.05%	99.44%
80.0	14.418	1.575	2760.079	0.05%	99.50%
81.0	14.016	1.538	2761.616	0.05%	99.55%
82.0	13.643	1.500	2763.116	0.05%	99.61%
83.0	13.285	1.464	2764.58	0.04%	99.66%
84.0	12.977	1.431	2766.011	0.04%	99.71%
85.0	12.677	1.400	2767.411	0.04%	99.76%
86.0	12.399	1.371	2768.782	0.04%	99.81%
87.0	12.165	1.344	2770.126	0.04%	99.86%
88.0	11.946	1.321	2771.447	0.04%	99.91%
89.0	11.814	1.302	2772.749	0.04%	99.95%
90.0	11.719	1.290	2774.039	0.04%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	2387.61	72.95%	86.07%
0-40	2631.94	80.41%	94.88%
0-60	2717.60	83.03%	97.97%
0-90	2772.75	84.72%	99.95%
0-120	2772.75	84.72%	99.95%
0-180	2774.04	84.76%	100.00%
60-90	55.14	1.68%	1.99%
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%
0-27.12	2219.23	67.80%	80.00%

ZONAL LUMEN SUMMARY

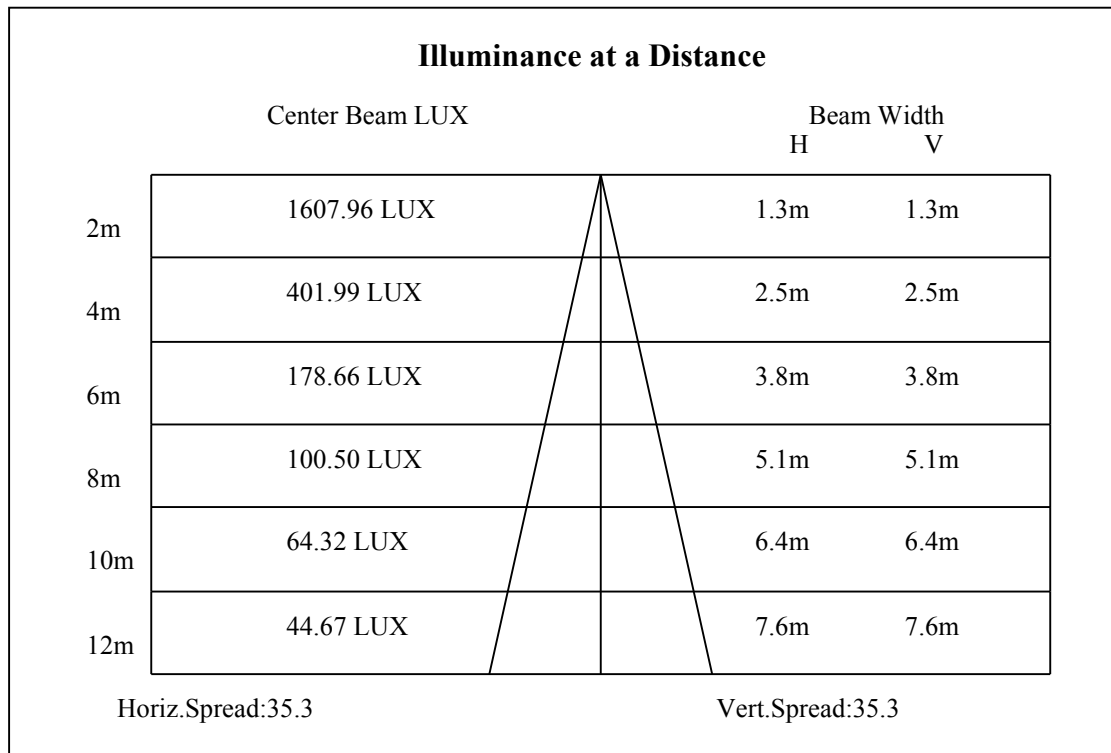
0-10	564.43
10-20	1081.89
20-30	741.30
30-40	244.33
40-50	50.45
50-60	35.22
60-70	24.68
70-80	17.79
80-90	12.67
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

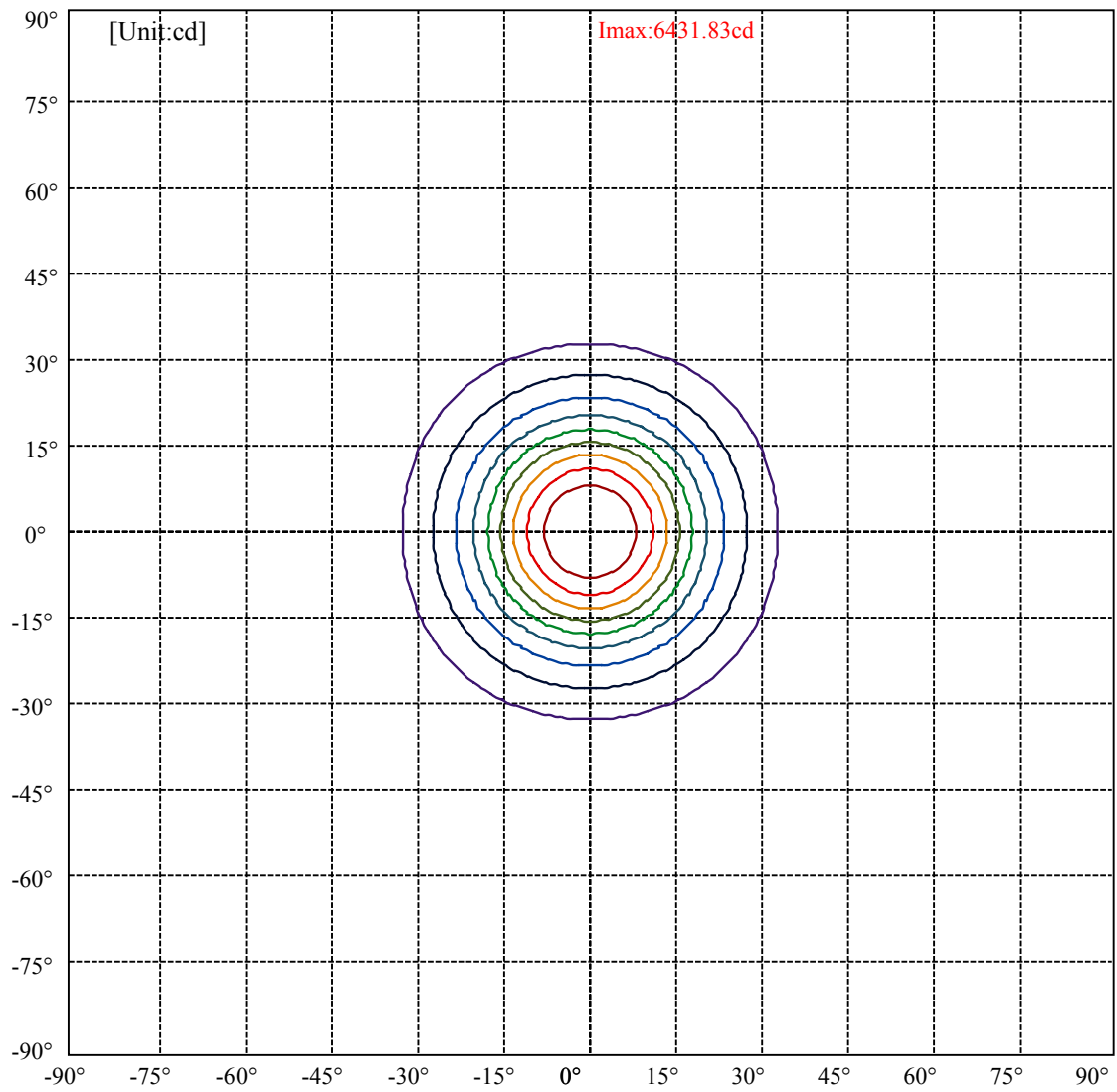


C0(Max): —————
C0/C180: —————
C90/C270: —————

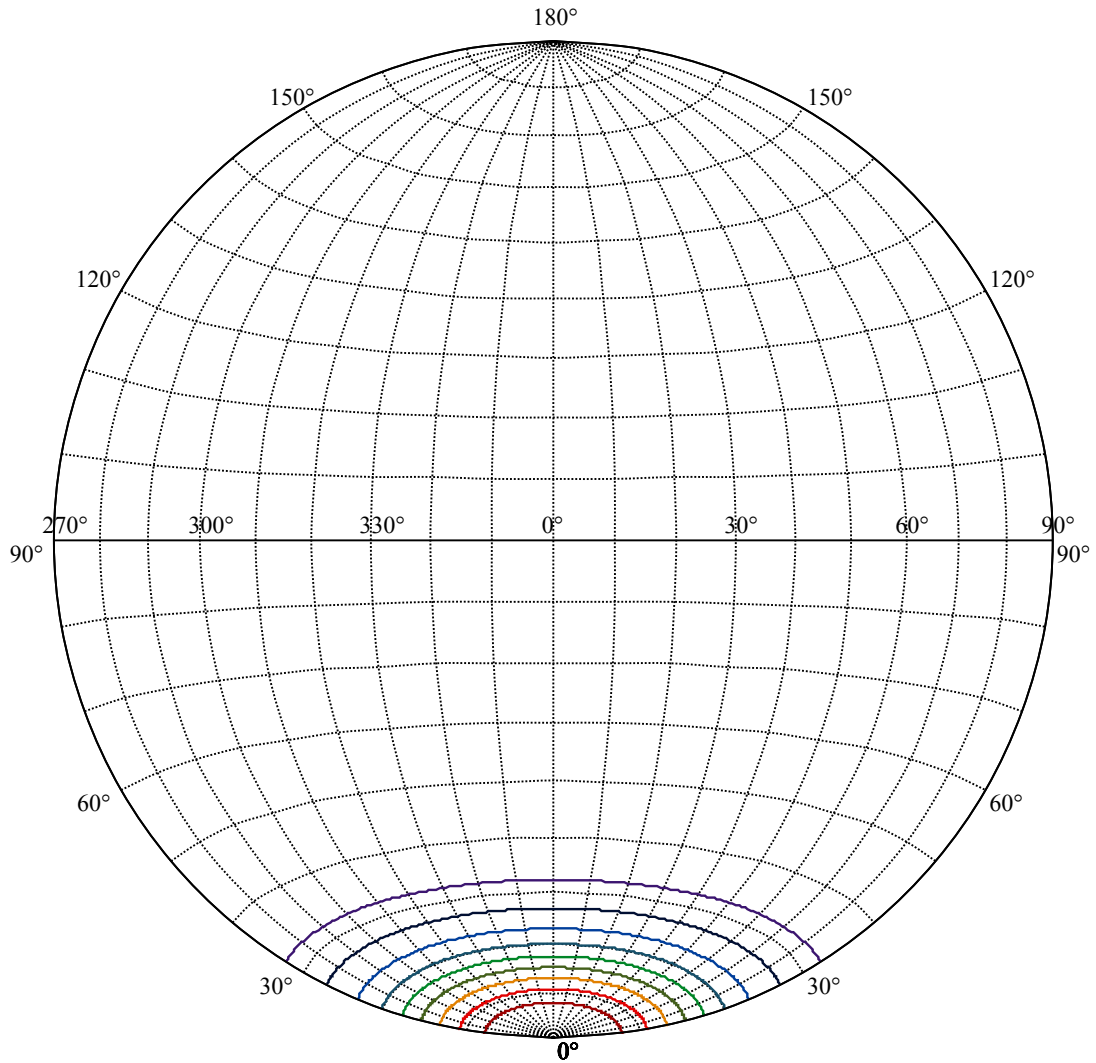
Field angle(10%Imax):C0/180Left:32.4 Right:32.4
:C90/270Left:32.4 Right:32.4

Beam Angle(50%Imax):C0/180Left:17.6 Right:17.6
:C90/270Left:17.6 Right:17.6





(10%I _{max}) 643.183	—
(20%I _{max}) 1286.37	—
(30%I _{max}) 1929.55	—
(40%I _{max}) 2572.73	—
(50%I _{max}) 3215.91	—
(60%I _{max}) 3859.1	—
(70%I _{max}) 4502.28	—
(80%I _{max}) 5145.46	—
(90%I _{max}) 5788.65	—



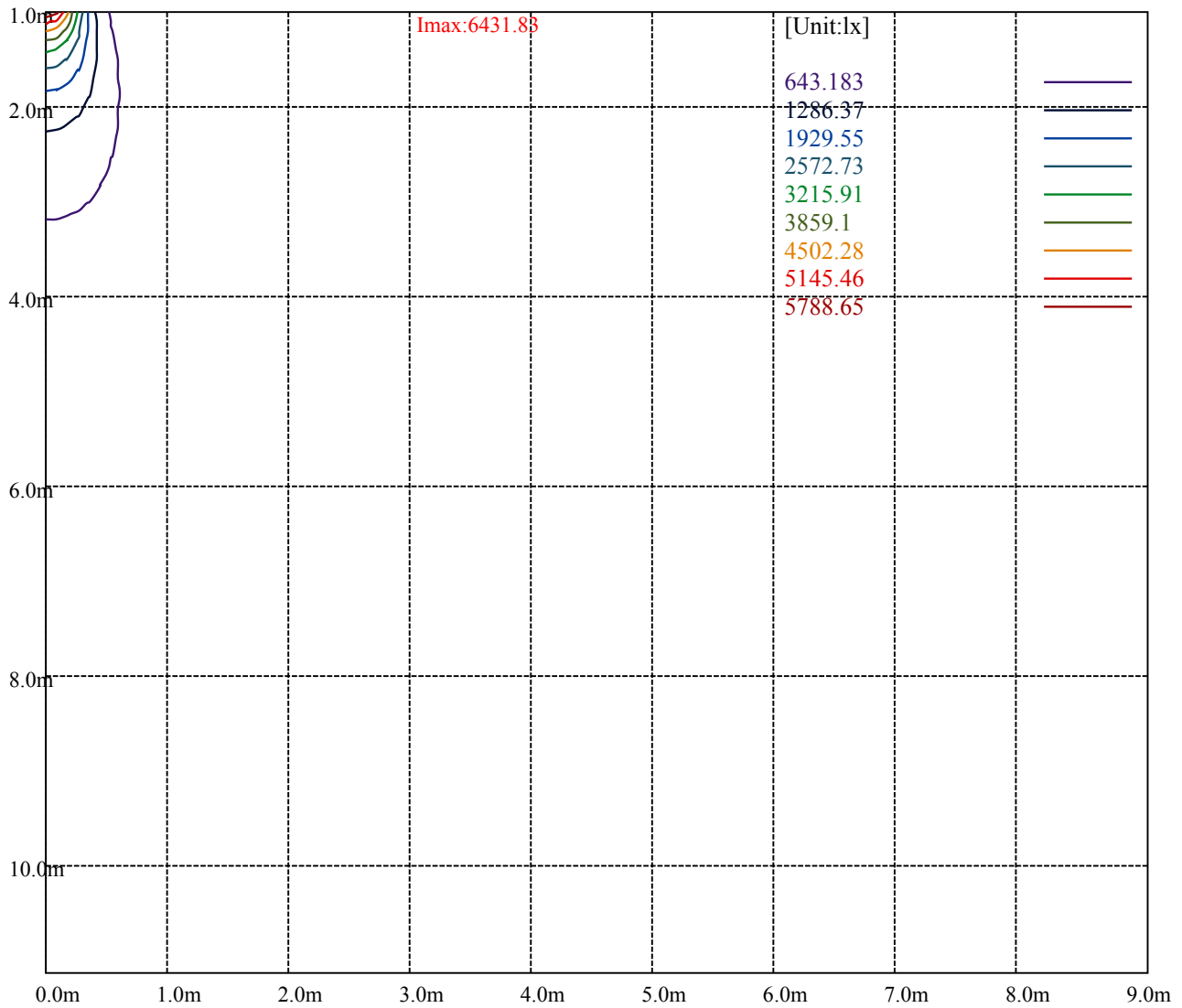
House

[Unit:cd]

Road

Imax:6431.83

(10%Imax) 643.183	—
(20%Imax) 1286.37	—
(30%Imax) 1929.55	—
(40%Imax) 2572.73	—
(50%Imax) 3215.91	—
(60%Imax) 3859.1	—
(70%Imax) 4502.28	—
(80%Imax) 5145.46	—
(90%Imax) 5788.65	—



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

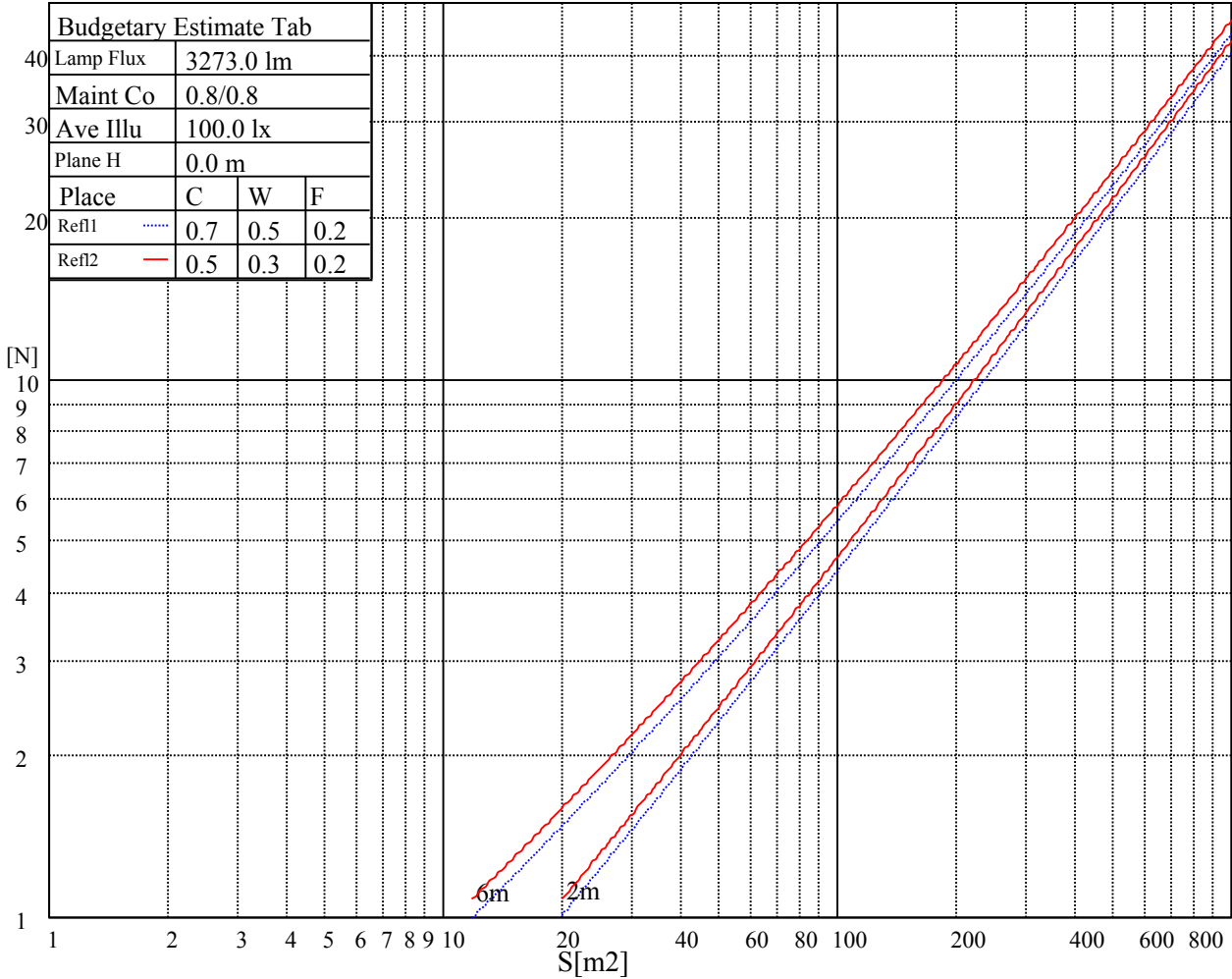
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

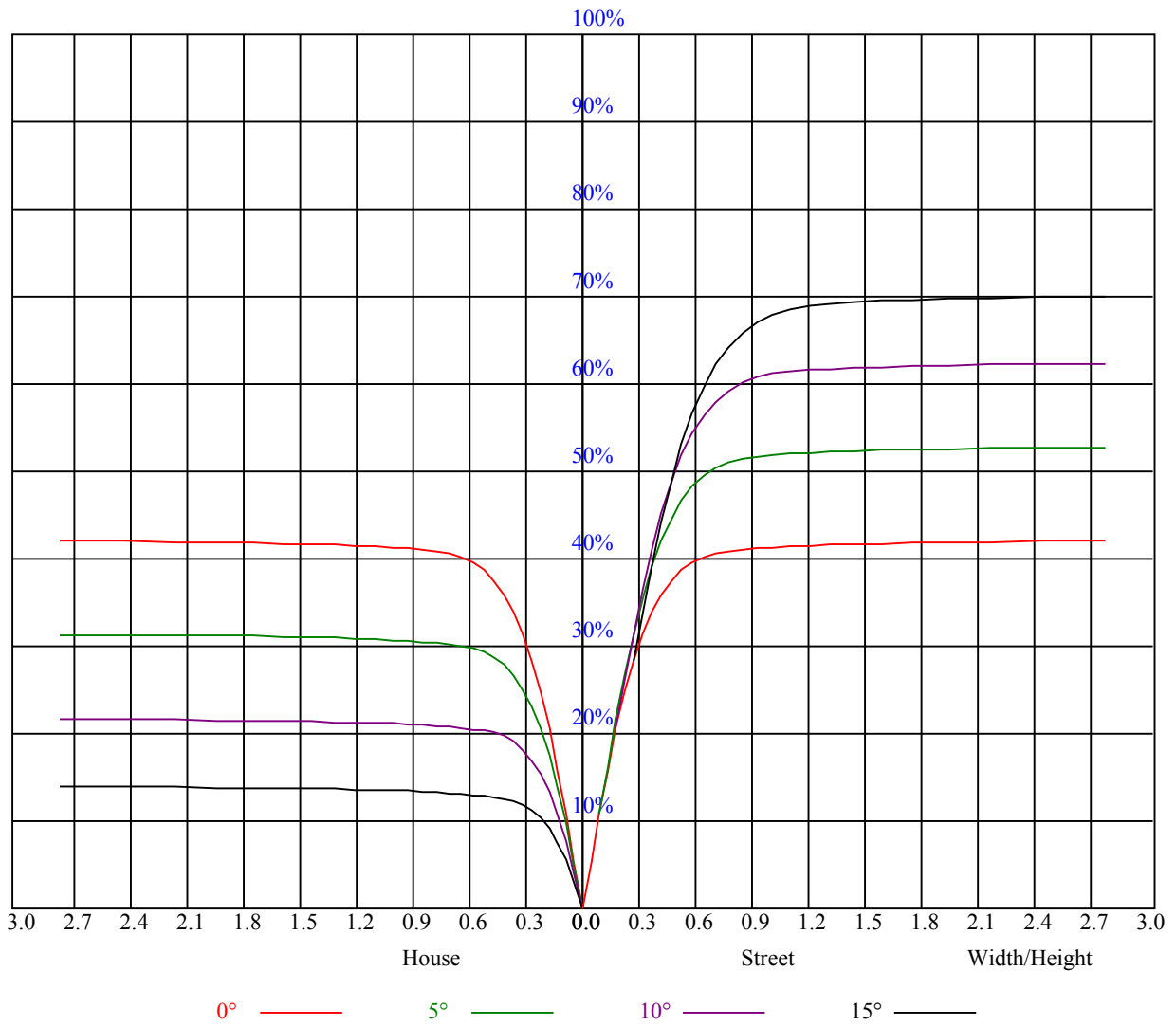


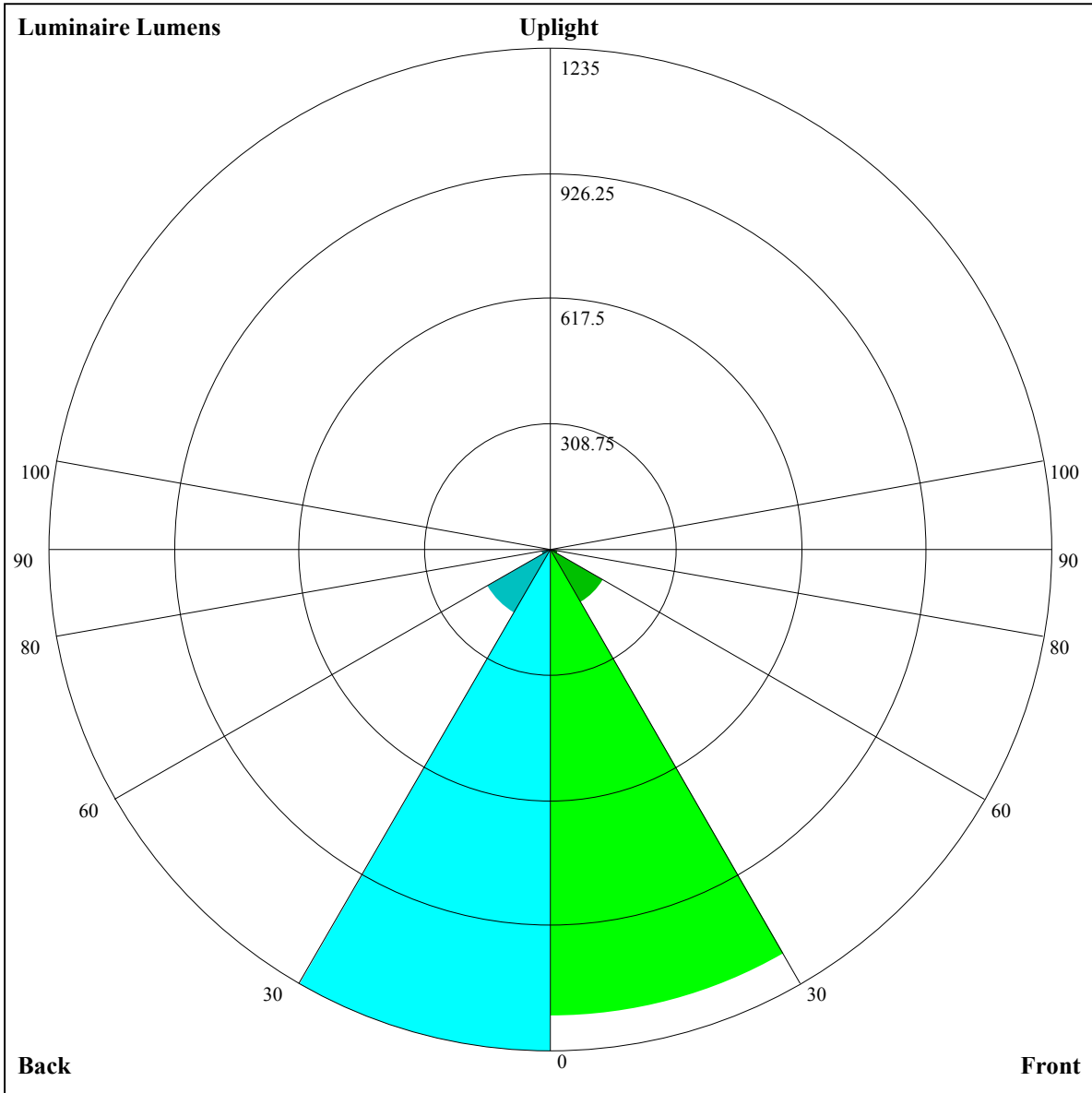
Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	3H	非数字	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	1.01	1.01	1.01	0.99	0.99	0.99	0.94	0.94	0.94	0.90	0.90	0.90	0.86	0.86	0.86	0.85
1	0.94	0.92	0.91	0.93	0.91	0.89	0.89	0.88	0.86	0.86	0.85	0.84	0.83	0.82	0.81	0.80
2	0.89	0.86	0.83	0.87	0.84	0.82	0.85	0.82	0.80	0.82	0.80	0.79	0.80	0.78	0.77	0.76
3	0.84	0.80	0.77	0.83	0.79	0.76	0.80	0.78	0.75	0.78	0.76	0.74	0.77	0.75	0.73	0.72
4	0.79	0.75	0.72	0.78	0.75	0.72	0.77	0.73	0.71	0.75	0.72	0.70	0.74	0.71	0.69	0.68
5	0.75	0.71	0.68	0.75	0.71	0.68	0.73	0.70	0.67	0.72	0.69	0.67	0.71	0.68	0.66	0.65
6	0.72	0.68	0.64	0.71	0.67	0.64	0.70	0.66	0.64	0.69	0.66	0.63	0.68	0.65	0.63	0.62
7	0.69	0.64	0.61	0.68	0.64	0.61	0.67	0.63	0.61	0.66	0.63	0.61	0.65	0.62	0.60	0.59
8	0.66	0.61	0.58	0.65	0.61	0.58	0.64	0.61	0.58	0.64	0.60	0.58	0.63	0.60	0.58	0.57
9	0.63	0.59	0.56	0.63	0.59	0.56	0.62	0.58	0.56	0.61	0.58	0.55	0.61	0.58	0.55	0.54
10	0.61	0.56	0.54	0.60	0.56	0.54	0.60	0.56	0.53	0.59	0.56	0.53	0.58	0.55	0.53	0.52





Luminaire Lumens:

FL=1149.4,FM=152.1,FH=20.71,FVH=6.91

BL=1235,BM=181.39,BH=21.82,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	6412.37	6360.87	6288.30	6211.05	6114.49	5967.01	5811.34	5621.73	5346.67
45.0	6446.31	6421.15	6374.91	6316.39	6226.27	6140.82	6035.48	5862.84	5687.86
90.0	6419.98	6377.26	6312.88	6244.41	6159.55	6061.82	5902.64	5738.19	5546.24
135.0	6448.65	6426.41	6384.86	6335.12	6257.28	6178.28	6088.74	5974.04	5786.76
180.0	6412.37	6448.07	6450.99	6430.51	6387.79	6325.17	6267.82	6190.57	6093.42
225.0	6446.31	6447.48	6425.24	6388.37	6320.49	6250.85	6139.65	6037.82	5903.81
270.0	6419.98	6446.90	6446.31	6415.29	6376.67	6328.10	6245.58	6153.70	6041.92
315.0	6448.65	6438.70	6401.25	6357.36	6296.49	6200.52	6104.54	5973.45	5817.20
360.0	6412.37	6360.87	6288.30	6211.05	6114.49	5967.01	5811.34	5621.73	5346.67
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	5104.39	4841.62	4573.01	4304.39	3962.62	3685.22	3410.75	3090.05	2844.25
45.0	5483.62	5259.48	4953.99	4697.66	4431.97	4088.44	3812.21	3468.10	3200.65
90.0	5268.25	5023.04	4697.66	4421.43	4150.47	3868.40	3527.21	3269.71	3017.48
135.0	5596.57	5391.74	5161.16	4838.70	4569.50	4295.61	4009.43	3659.47	3388.51
180.0	5943.02	5790.86	5611.78	5341.41	5092.69	4840.45	4505.12	4214.85	3940.96
225.0	5732.34	5479.52	5257.72	5013.10	4753.26	4417.92	4139.94	3857.86	3587.49
270.0	5860.50	5684.93	5480.69	5184.57	4928.82	4672.49	4391.59	4032.26	3767.74
315.0	5573.16	5350.19	5106.73	4854.50	4520.92	4249.96	3971.98	3620.85	3355.15
360.0	5104.39	4841.62	4573.01	4304.39	3962.62	3685.22	3410.75	3090.05	2844.25
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	2611.92	2340.37	2138.47	1912.57	1751.05	1598.89	1455.51	1163.08	1163.08
45.0	2950.76	2712.58	2430.50	2223.33	2033.72	1865.17	1665.61	1515.79	1375.34
90.0	2779.88	2496.04	2281.27	2081.12	1901.45	1698.97	1547.98	1295.16	1157.87
135.0	3070.73	2827.87	2597.29	2328.67	2133.79	1955.88	1788.51	1593.63	1444.98
180.0	3610.90	3351.06	3076.59	2769.34	2543.45	2329.84	2127.94	1899.70	1741.10
225.0	3256.84	2995.24	2747.10	2461.51	2247.32	2010.89	1841.76	1684.34	1533.93
270.0	3503.80	3236.35	2905.12	2663.42	2441.62	2179.44	1986.31	1771.53	1614.69
315.0	3096.48	2786.31	2553.98	2332.77	2089.31	1913.74	1754.56	1602.99	1425.08
360.0	2611.92	2340.37	2138.47	1912.57	1751.05	1598.89	1455.51	1163.08	1163.08
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	1087.76	972.18	848.34	699.52	582.01	463.15	325.33	231.40	140.16
45.0	1258.88	1135.40	1024.79	880.24	759.68	639.71	493.99	379.28	299.69
90.0	1157.87	1030.64	917.81	792.98	644.10	521.73	402.58	293.61	182.47
135.0	1312.72	1205.62	1077.46	958.07	839.27	684.19	563.63	445.41	313.74
180.0	1594.80	1452.59	1293.99	1192.75	1066.34	933.49	811.77	664.29	538.47
225.0	1280.53	1147.10	1147.10	1045.74	887.20	757.69	634.50	485.56	374.84
270.0	1468.39	1308.62	1201.53	1109.65	1000.21	841.61	717.54	594.06	475.85
315.0	1149.21	1149.21	1098.00	951.52	828.74	707.48	555.26	437.40	301.16
360.0	1087.76	972.18	848.34	699.52	582.01	463.15	325.33	231.40	140.16
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	109.20	98.32	87.67	81.11	75.26	70.34	64.84	61.16	57.88
45.0	299.69	112.54	100.25	91.35	84.80	77.13	72.22	67.77	62.74
90.0	123.25	105.93	96.15	87.37	81.00	75.73	69.93	65.72	61.21
135.0	313.74	130.45	110.26	99.90	92.17	84.10	78.54	73.68	69.17
180.0	416.74	320.76	296.77	185.98	110.72	100.60	90.83	84.21	78.65
225.0	276.17	173.64	123.25	108.09	96.27	89.31	82.81	76.14	71.51
270.0	339.49	314.91	314.91	116.52	105.28	95.80	86.79	80.35	75.08
315.0	210.10	140.57	109.38	96.97	89.07	82.52	76.49	70.40	66.01
360.0	109.20	98.32	87.67	81.11	75.26	70.34	64.84	61.16	57.88

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	54.78	51.44	49.33	47.29	45.06	43.37	41.84	39.91	38.33
45.0	59.40	56.30	52.85	50.50	47.75	45.88	44.24	42.60	40.56
90.0	58.00	55.01	52.49	49.69	47.64	45.88	44.01	42.02	40.32
135.0	64.32	60.80	57.64	54.13	51.68	49.22	46.99	45.06	43.37
180.0	73.74	68.24	64.49	60.92	57.24	54.48	51.50	49.28	47.29
225.0	67.18	63.38	59.22	56.36	53.61	51.32	48.52	46.64	44.24
270.0	69.17	65.08	61.51	58.29	54.72	52.20	49.98	47.93	45.47
315.0	62.15	58.82	55.07	52.38	49.63	47.46	45.59	43.37	41.90
360.0	54.78	51.44	49.33	47.29	45.06	43.37	41.84	39.91	38.33
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	36.93	35.05	33.53	32.07	30.72	28.91	27.68	26.57	25.34
45.0	39.09	37.69	36.17	34.70	32.77	31.31	29.55	28.21	27.04
90.0	38.80	37.16	35.17	33.77	31.78	30.43	28.97	27.51	26.34
135.0	41.26	39.68	38.10	36.40	34.47	32.83	31.37	29.96	28.32
180.0	45.35	43.13	41.32	39.74	38.10	36.05	34.59	33.01	31.25
225.0	42.60	40.79	38.92	37.22	35.70	34.24	32.36	31.02	29.61
270.0	43.77	42.08	39.97	38.45	36.40	35.00	33.47	31.95	30.26
315.0	40.26	38.33	36.87	35.35	33.88	32.01	30.67	29.32	27.97
360.0	36.93	35.05	33.53	32.07	30.72	28.91	27.68	26.57	25.34
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	24.17	23.23	22.30	21.30	20.48	19.61	18.96	18.20	17.67
45.0	25.69	24.70	23.82	22.59	21.77	20.89	20.13	19.31	18.55
90.0	25.16	23.99	23.00	22.18	21.30	20.25	19.61	18.90	18.14
135.0	27.15	25.98	24.70	23.64	22.77	21.77	20.89	20.13	19.20
180.0	29.73	28.50	26.98	25.75	24.81	23.47	22.59	21.77	20.66
225.0	28.32	26.69	25.63	24.70	23.35	22.47	21.71	20.66	19.96
270.0	28.85	27.62	26.45	25.05	24.11	23.06	22.24	21.19	20.42
315.0	26.57	25.34	24.11	23.12	22.24	21.24	20.37	19.72	19.08
360.0	24.17	23.23	22.30	21.30	20.48	19.61	18.96	18.20	17.67
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	16.97	16.44	15.98	15.57	15.10	14.81	14.46	14.10	13.64
45.0	17.97	17.38	16.74	16.21	15.80	15.33	14.98	14.51	14.16
90.0	17.44	16.91	16.39	15.80	15.45	14.92	14.57	14.22	13.87
135.0	18.43	17.91	17.26	16.56	16.21	15.68	15.22	14.81	14.46
180.0	20.01	19.31	18.61	17.79	17.21	16.62	16.15	15.63	15.22
225.0	19.25	18.38	17.79	17.15	16.62	16.04	15.57	15.16	14.75
270.0	19.55	18.79	18.14	17.44	16.80	16.33	15.74	15.27	14.92
315.0	18.20	17.62	17.09	16.50	15.92	15.51	15.10	14.63	14.34
360.0	16.97	16.44	15.98	15.57	15.10	14.81	14.46	14.10	13.64
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	13.28	12.99	12.70	12.47	12.23	11.94	11.76	11.70	11.70
45.0	13.75	13.34	13.05	12.76	12.47	12.17	12.00	11.76	11.65
90.0	13.46	13.11	12.87	12.58	12.35	12.11	11.88	11.65	11.70
135.0	14.05	13.69	13.23	12.93	12.64	12.41	12.11	11.88	11.65
180.0	14.81	14.40	13.93	13.58	13.17	12.87	12.64	12.29	12.11
225.0	14.28	13.87	13.52	13.23	12.93	12.64	12.35	12.11	11.94
270.0	14.51	14.10	13.69	13.34	12.99	12.70	12.41	12.17	11.94
315.0	13.99	13.64	13.28	12.93	12.64	12.35	12.17	12.00	11.82
360.0	13.28	12.99	12.70	12.47	12.23	11.94	11.76	11.70	11.70

Intensity data(cd)

C/ γ (°)	90.0
0.0	11.65
45.0	11.70
90.0	11.65
135.0	11.76
180.0	11.88
225.0	11.65
270.0	11.76
315.0	11.70
360.0	11.65