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NT

Client:

LumCAT: 2-2679-L

Luminaire: 92.70.412.00

Report No: 2024305-B005

Ballast type: AC

Test No: 2024305-C005

Voltage(V): 34.220

LampCAT: TRIDONIC SLE G7 15MM

Current(A): 0.532

Lamp flux(lm): 3287.0

Power (W): 18.205

Number of Lamps: 1

PF: 0.000

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 2789.06, Efficiency(%): 84.85% , Luminous Efficacy(lm/W): 153.20

Central intensity(cd): 8870.462, Maximum intensity(cd): 8870.462

Angle of maximum intensity: C=0.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=25.2

[C90/270]Total=25.2

Field angle(10%Imax): [C0/180]Total=61.2

[C90/270]Total=61.2

Maximum s/h(1/2): C0_180=0.42 C90_270=0.42

Maximum s/h(1/4): C0_180=0.48 C90_270=0.48

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 84.85%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 98.126%

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	8870.460	0.000	0	0.00%	0.00%
1.0	8801.769	8.456	8.456	0.26%	0.30%
2.0	8642.661	25.038	33.494	0.76%	1.20%
3.0	8359.705	40.664	74.158	1.24%	2.66%
4.0	8021.957	54.835	128.992	1.67%	4.62%
5.0	7627.223	67.322	196.314	2.05%	7.04%
6.0	7193.425	77.886	274.201	2.37%	9.83%
7.0	6785.596	86.768	360.968	2.64%	12.94%
8.0	6306.589	93.698	454.667	2.85%	16.30%
9.0	5876.156	98.735	553.401	3.00%	19.84%
10.0	5447.699	102.477	655.878	3.12%	23.52%
11.0	5054.574	104.939	760.817	3.19%	27.28%
12.0	4650.037	106.085	866.903	3.23%	31.08%
13.0	4283.320	106.016	972.919	3.23%	34.88%
14.0	3939.208	105.248	1078.167	3.20%	38.66%
15.0	3607.678	103.607	1181.774	3.15%	42.37%
16.0	3309.286	101.353	1283.127	3.08%	46.01%
17.0	3040.449	98.882	1382.009	3.01%	49.55%
18.0	2796.849	96.244	1478.253	2.93%	53.00%
19.0	2582.949	93.597	1571.851	2.85%	56.36%
20.0	2380.022	90.836	1662.687	2.76%	59.61%
21.0	2204.528	88.033	1750.72	2.68%	62.77%
22.0	2029.034	85.075	1835.795	2.59%	65.82%
23.0	1889.531	82.222	1918.017	2.50%	68.77%
24.0	1746.150	79.489	1997.506	2.42%	71.62%
25.0	1601.234	76.112	2073.618	2.32%	74.35%
26.0	1443.882	71.880	2145.499	2.19%	76.93%
27.0	1294.649	66.999	2212.497	2.04%	79.33%
28.0	1208.658	63.378	2275.876	1.93%	81.60%
29.0	1094.129	60.247	2336.123	1.83%	83.76%
30.0	969.945	55.730	2391.853	1.70%	85.76%
31.0	837.874	50.309	2442.162	1.53%	87.56%
32.0	721.546	44.676	2486.837	1.36%	89.16%
33.0	609.373	39.209	2526.047	1.19%	90.57%
34.0	503.901	33.691	2559.738	1.02%	91.78%
35.0	413.410	28.488	2588.226	0.87%	92.80%
36.0	328.662	23.628	2611.854	0.72%	93.65%
37.0	276.365	19.733	2631.586	0.60%	94.35%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	227.799	16.828	2648.414	0.51%	94.96%
39.0	166.950	13.474	2661.888	0.41%	95.44%
40.0	123.468	10.129	2672.017	0.31%	95.80%
41.0	92.831	7.702	2679.719	0.23%	96.08%
42.0	73.373	6.038	2685.758	0.18%	96.30%
43.0	59.839	4.935	2690.692	0.15%	96.47%
44.0	50.893	4.179	2694.872	0.13%	96.62%
45.0	43.885	3.642	2698.514	0.11%	96.75%
46.0	39.400	3.257	2701.771	0.10%	96.87%
47.0	35.896	2.995	2704.766	0.09%	96.98%
48.0	32.999	2.785	2707.551	0.08%	97.08%
49.0	30.871	2.623	2710.174	0.08%	97.17%
50.0	29.254	2.507	2712.681	0.08%	97.26%
51.0	27.944	2.420	2715.101	0.07%	97.35%
52.0	26.979	2.357	2717.458	0.07%	97.43%
53.0	26.357	2.320	2719.778	0.07%	97.52%
54.0	26.057	2.310	2722.088	0.07%	97.60%
55.0	26.006	2.324	2724.412	0.07%	97.68%
56.0	26.218	2.360	2726.772	0.07%	97.77%
57.0	26.569	2.414	2729.185	0.07%	97.85%
58.0	26.979	2.476	2731.662	0.08%	97.94%
59.0	27.315	2.538	2734.2	0.08%	98.03%
60.0	27.447	2.587	2736.787	0.08%	98.13%
61.0	27.250	2.610	2739.397	0.08%	98.22%
62.0	26.525	2.591	2741.988	0.08%	98.31%
63.0	25.516	2.531	2744.519	0.08%	98.40%
64.0	23.943	2.427	2746.946	0.07%	98.49%
65.0	22.370	2.292	2749.238	0.07%	98.57%
66.0	20.797	2.154	2751.392	0.07%	98.65%
67.0	19.481	2.025	2753.417	0.06%	98.72%
68.0	18.442	1.921	2755.338	0.06%	98.79%
69.0	17.652	1.841	2757.18	0.06%	98.86%
70.0	17.067	1.783	2758.963	0.05%	98.92%
71.0	16.591	1.740	2760.703	0.05%	98.98%
72.0	16.284	1.709	2762.412	0.05%	99.04%
73.0	16.021	1.689	2764.101	0.05%	99.11%
74.0	15.786	1.672	2765.773	0.05%	99.17%
75.0	15.472	1.652	2767.425	0.05%	99.22%

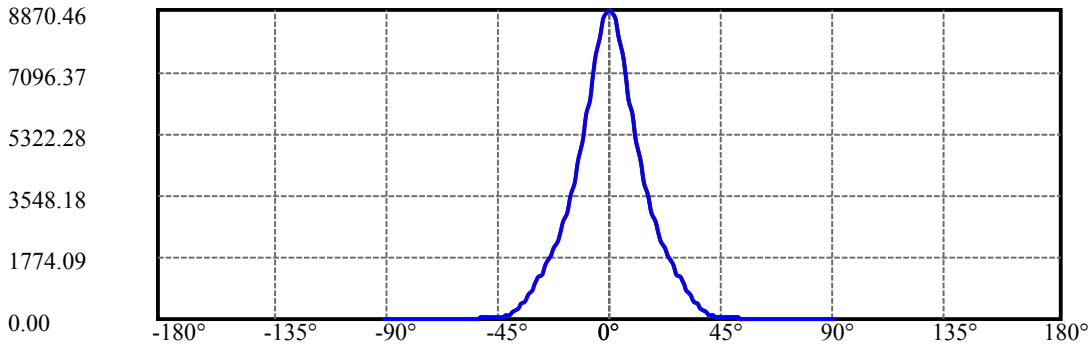
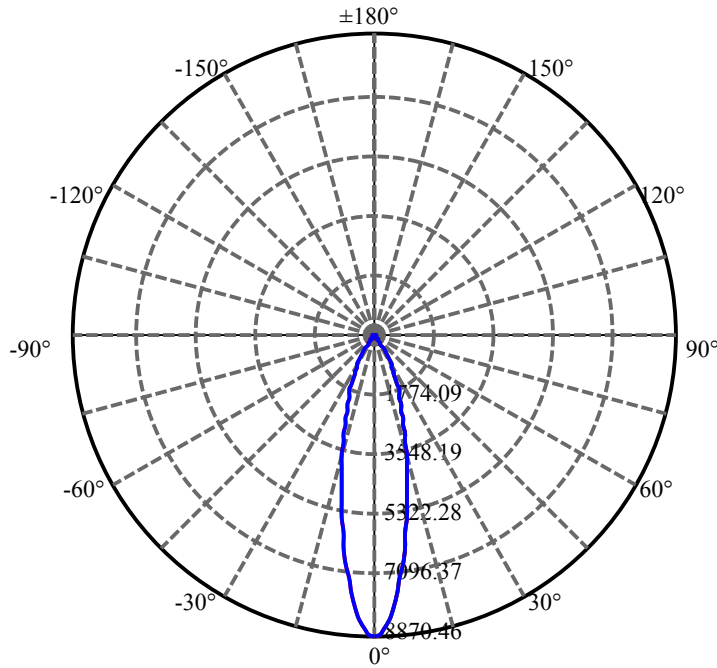
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	15.135	1.625	2769.05	0.05%	99.28%
77.0	14.843	1.598	2770.648	0.05%	99.34%
78.0	14.550	1.573	2772.221	0.05%	99.40%
79.0	14.243	1.547	2773.768	0.05%	99.45%
80.0	13.943	1.520	2775.288	0.05%	99.51%
81.0	13.628	1.491	2776.779	0.05%	99.56%
82.0	13.336	1.462	2778.241	0.04%	99.61%
83.0	13.036	1.434	2779.675	0.04%	99.66%
84.0	12.802	1.408	2781.082	0.04%	99.71%
85.0	12.568	1.385	2782.467	0.04%	99.76%
86.0	12.312	1.360	2783.827	0.04%	99.81%
87.0	12.070	1.334	2785.161	0.04%	99.86%
88.0	11.909	1.314	2786.475	0.04%	99.91%
89.0	11.778	1.298	2787.773	0.04%	99.95%
90.0	11.726	1.289	2789.062	0.04%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	2391.85	72.77%	85.76%
0-40	2672.02	81.29%	95.80%
0-60	2736.79	83.26%	98.13%
0-90	2787.77	84.81%	99.95%
0-120	2787.77	84.81%	99.95%
0-180	2789.06	84.85%	100.00%
60-90	50.99	1.55%	1.83%
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%
0-27.30	2231.25	67.88%	80.00%

ZONAL LUMEN SUMMARY

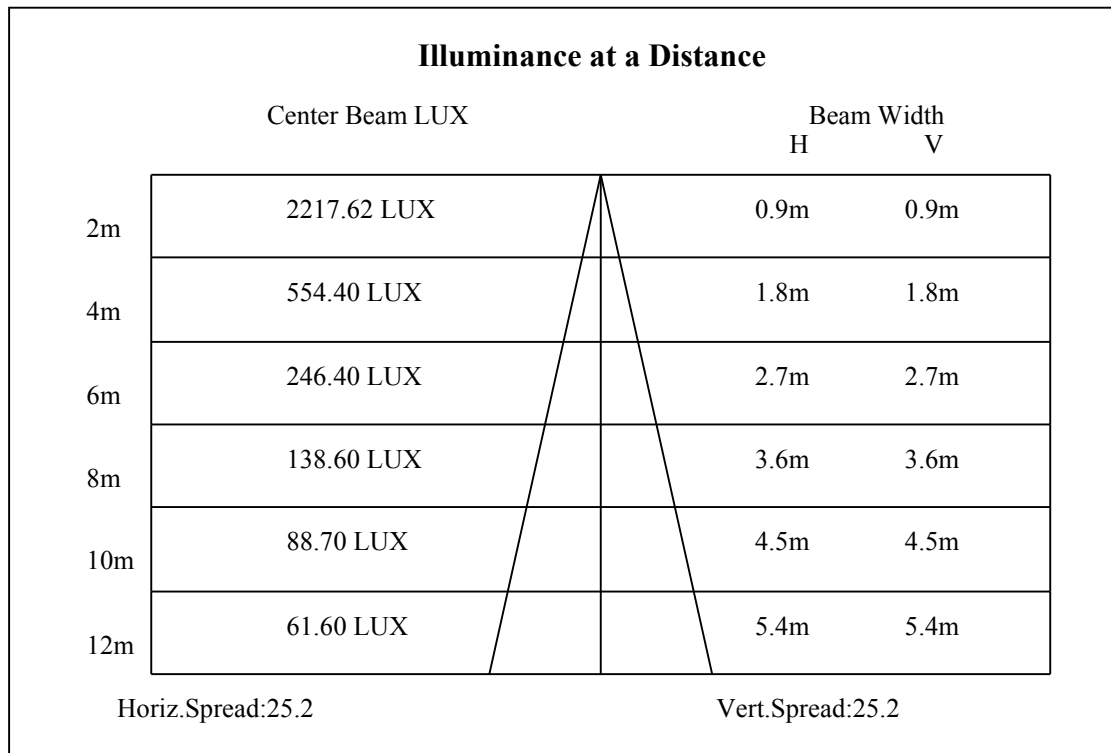
0-10	655.88
10-20	1006.81
20-30	729.17
30-40	280.16
40-50	40.66
50-60	24.11
60-70	22.18
70-80	16.33
80-90	12.49
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

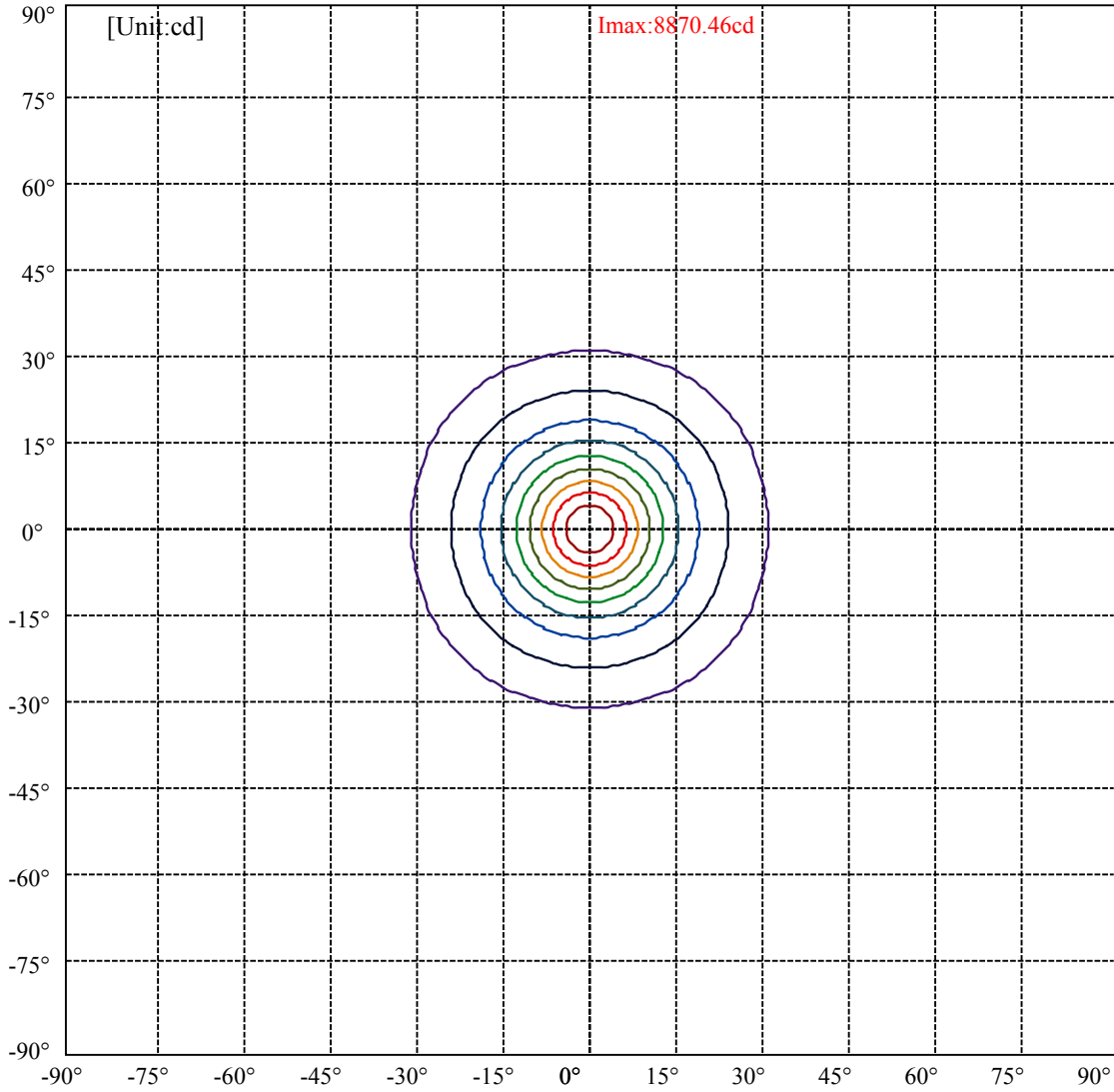


C0(Max): —————
C0/C180: —————
C90/C270: —————

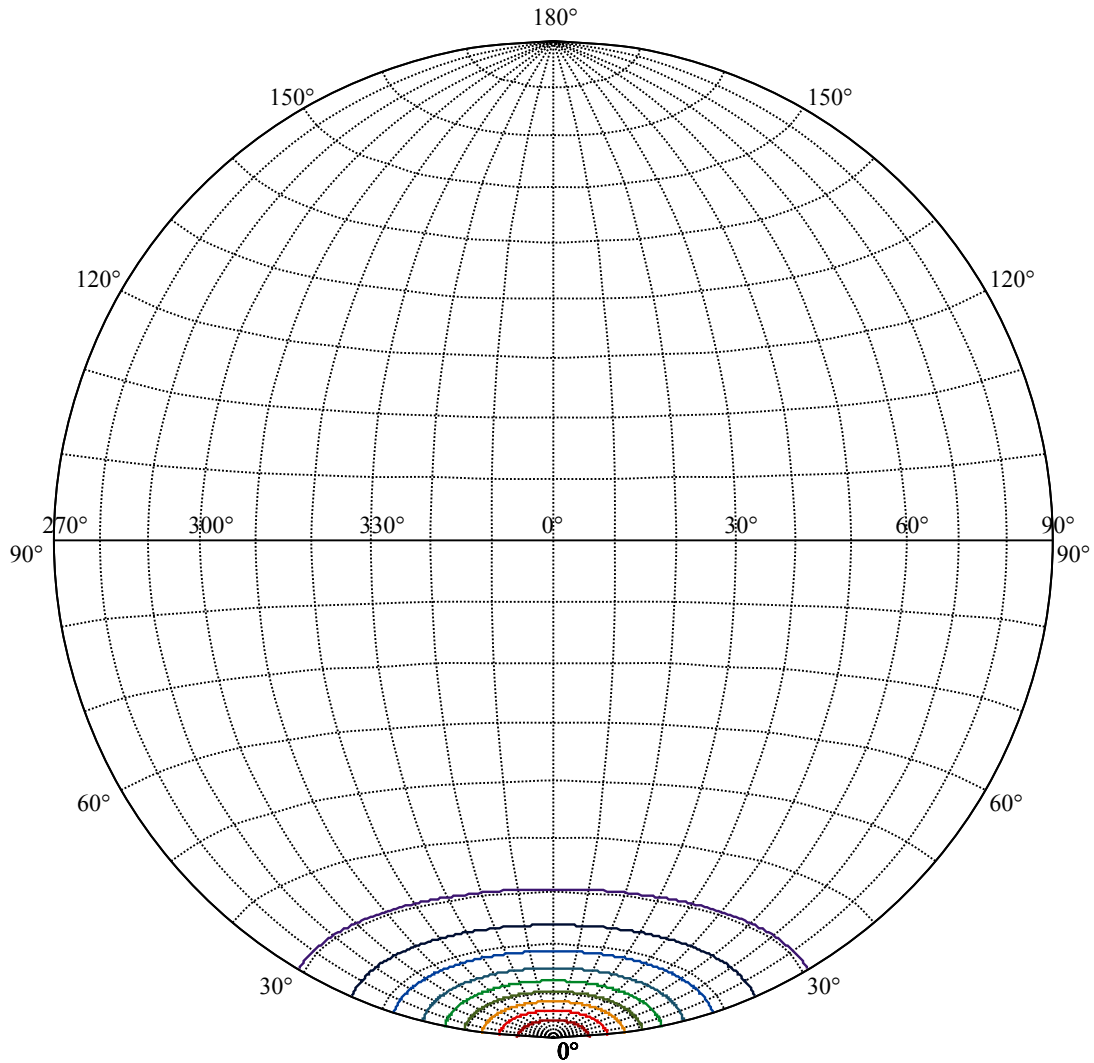
Field angle(10%Imax):C0/180Left:30.6 Right:30.6
:C90/270Left:30.6 Right:30.6

Beam Angle(50%Imax):C0/180Left:12.6 Right:12.6
:C90/270Left:12.6 Right:12.6





(10%Imax) 887.046	—
(20%Imax) 1774.09	—
(30%Imax) 2661.14	—
(40%Imax) 3548.18	—
(50%Imax) 4435.23	—
(60%Imax) 5322.28	—
(70%Imax) 6209.32	—
(80%Imax) 7096.37	—
(90%Imax) 7983.42	—



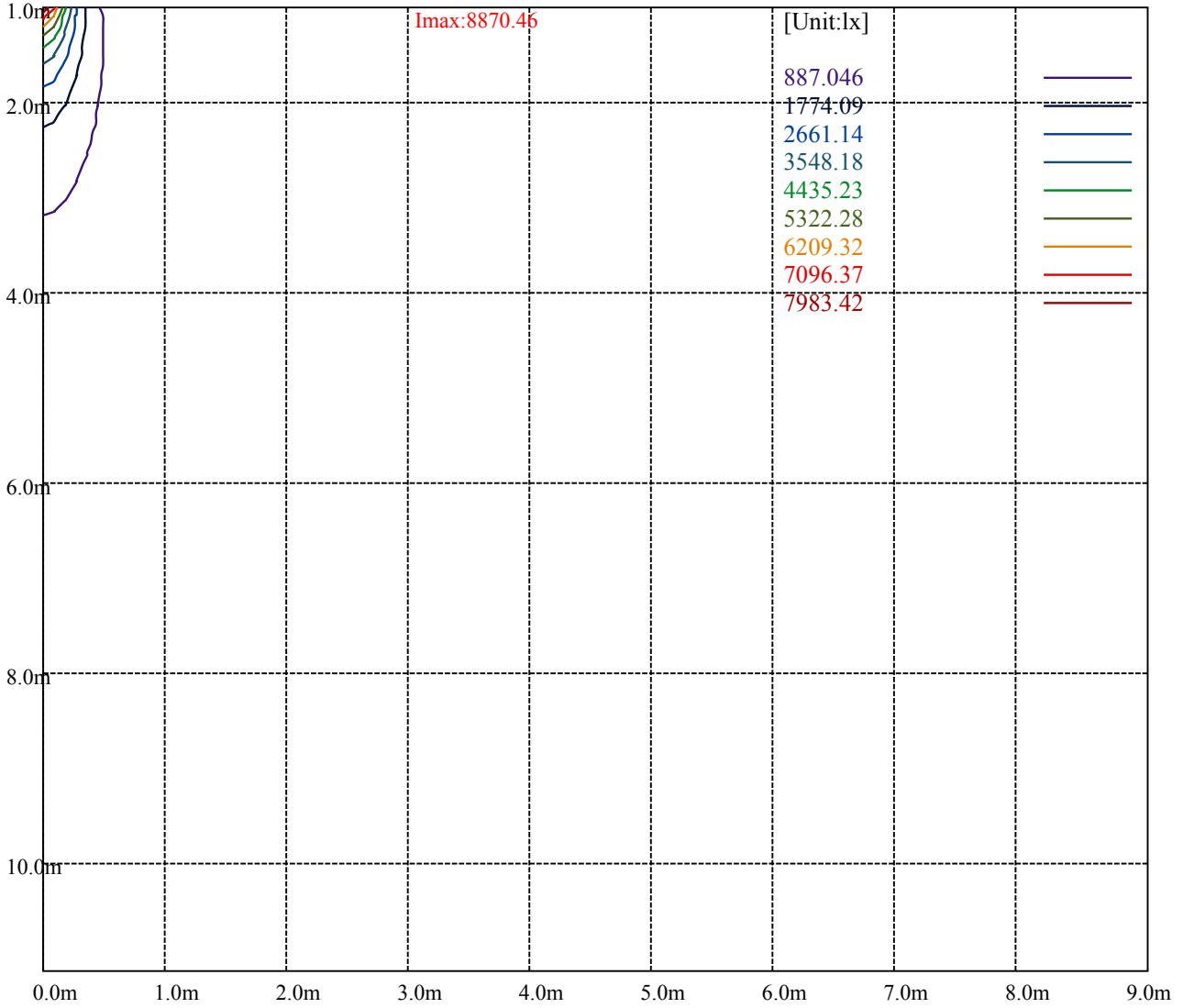
House

[Unit:cd]

Road

Imax:8870.46

(10%Imax)	887.046	—
(20%Imax)	1774.09	—
(30%Imax)	2661.14	—
(40%Imax)	3548.18	—
(50%Imax)	4435.23	—
(60%Imax)	5322.28	—
(70%Imax)	6209.32	—
(80%Imax)	7096.37	—
(90%Imax)	7983.42	—



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

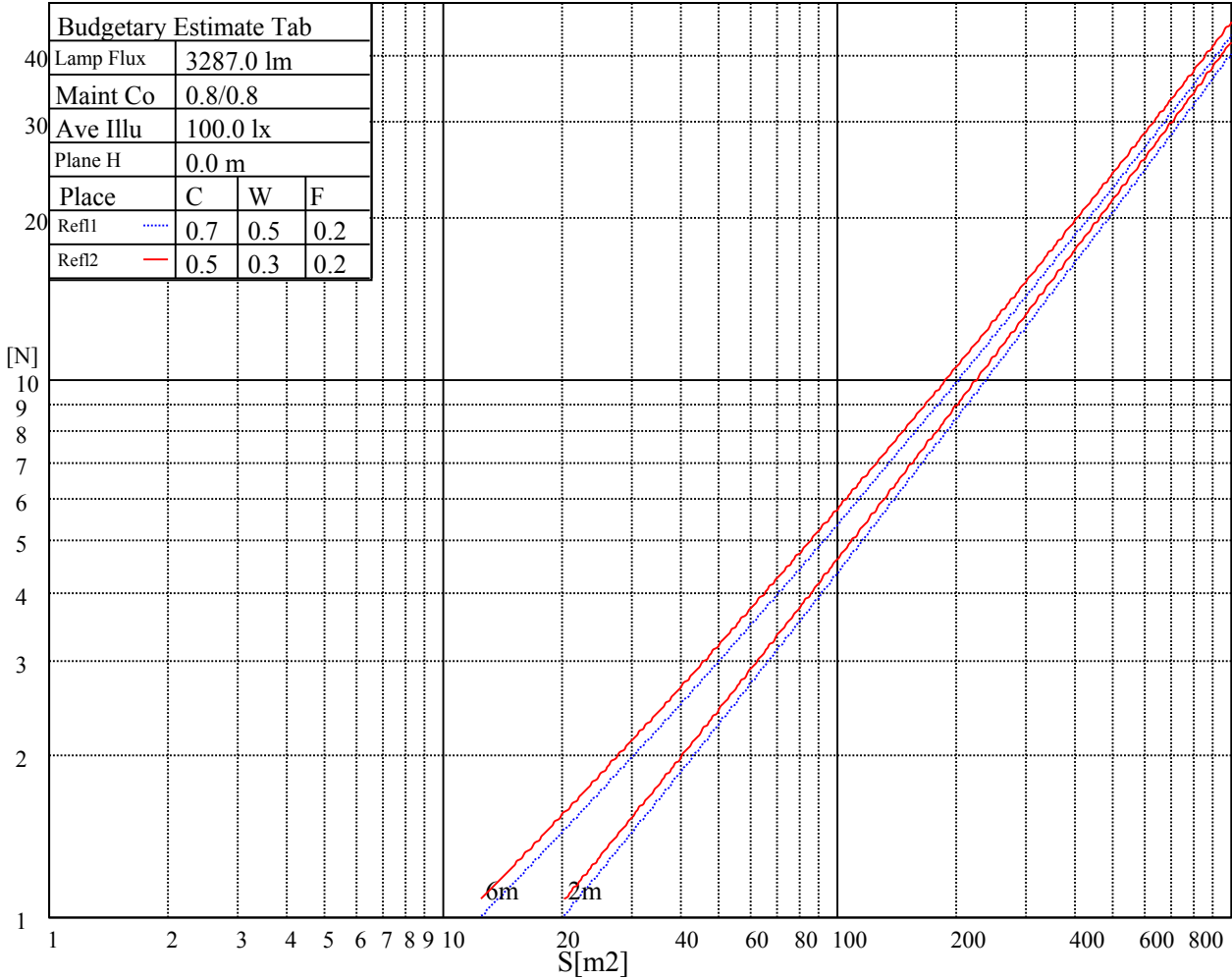
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

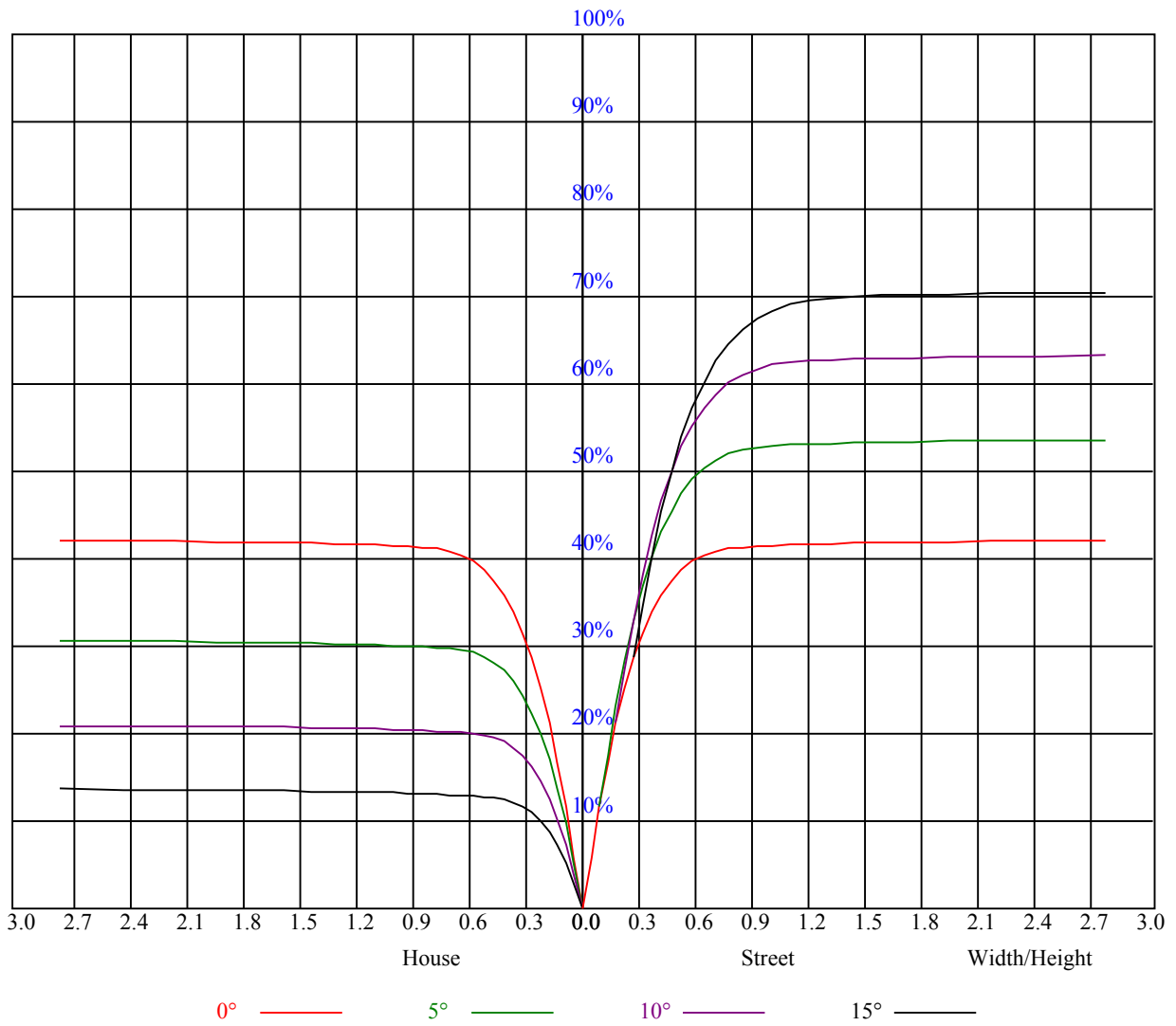


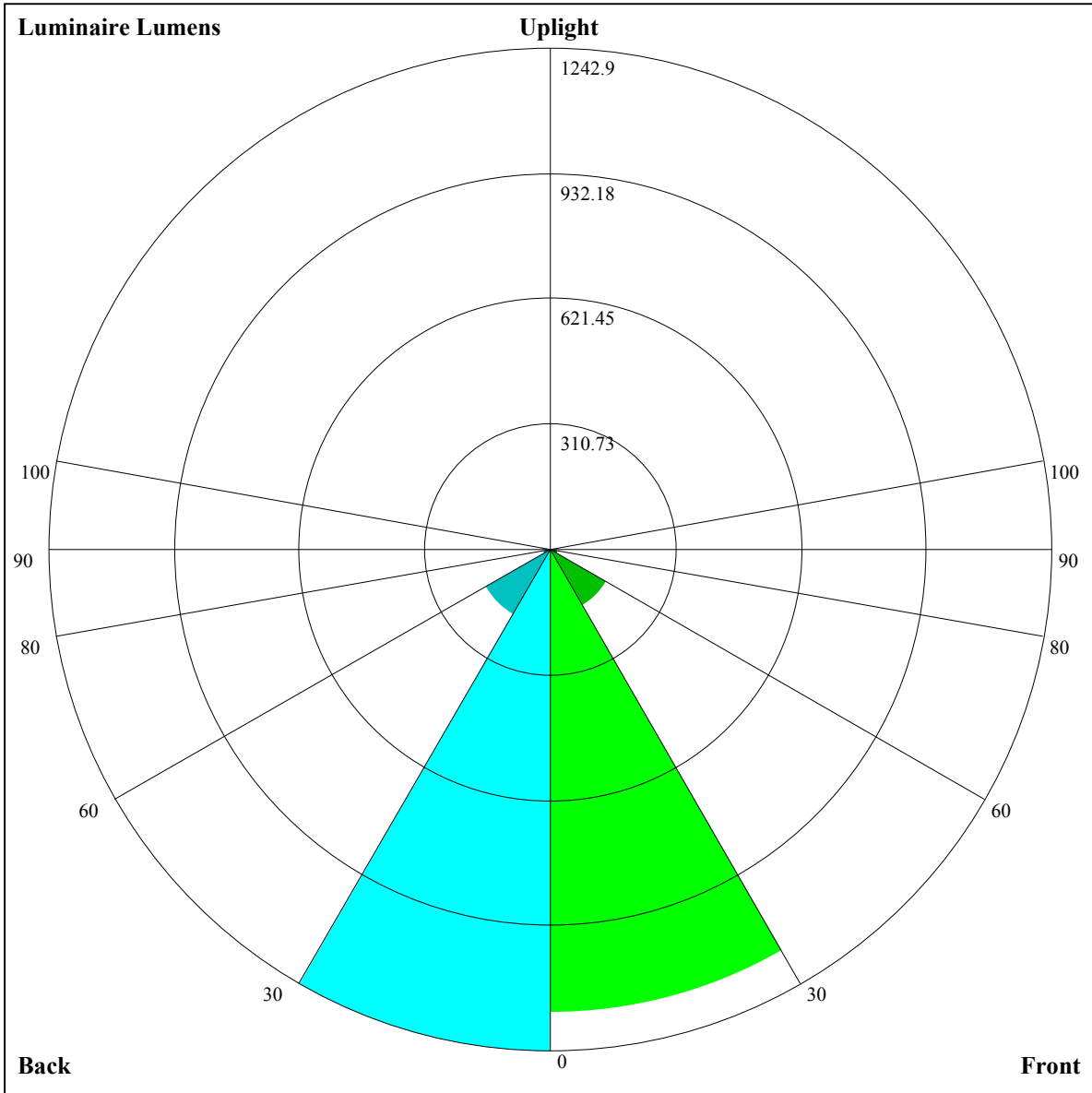
Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	3H	非数字	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	1.01	1.01	1.01	0.99	0.99	0.99	0.94	0.94	0.94	0.90	0.90	0.90	0.87	0.87	0.87	0.85
1	0.95	0.93	0.91	0.93	0.91	0.89	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.82	0.80
2	0.89	0.86	0.83	0.88	0.85	0.83	0.85	0.83	0.81	0.82	0.81	0.79	0.80	0.79	0.77	0.76
3	0.84	0.81	0.78	0.83	0.80	0.77	0.81	0.78	0.76	0.79	0.77	0.75	0.77	0.75	0.74	0.72
4	0.80	0.76	0.73	0.79	0.75	0.72	0.77	0.74	0.72	0.76	0.73	0.71	0.74	0.72	0.70	0.69
5	0.76	0.72	0.69	0.75	0.71	0.68	0.74	0.71	0.68	0.73	0.70	0.67	0.71	0.69	0.67	0.66
6	0.73	0.68	0.65	0.72	0.68	0.65	0.71	0.67	0.65	0.70	0.67	0.64	0.69	0.66	0.64	0.63
7	0.69	0.65	0.62	0.69	0.65	0.62	0.68	0.64	0.62	0.67	0.64	0.61	0.66	0.63	0.61	0.60
8	0.67	0.62	0.59	0.66	0.62	0.59	0.65	0.62	0.59	0.64	0.61	0.59	0.64	0.61	0.59	0.58
9	0.64	0.60	0.57	0.64	0.60	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	0.61	0.57	0.54	0.60	0.57	0.54	0.59	0.56	0.54	0.53





Luminaire Lumens:

FL=1147.82,FM=161.6,FH=18.91,FVH=6.83

BL=1242.9,BM=187.39,BH=19.64,BVH=6.97

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	8736.30	8411.50	8083.19	7599.21	7183.11	6774.04	6257.28	5849.38	5452.01
45.0	8920.06	8800.67	8568.34	8154.58	7771.85	7371.55	6954.87	6544.63	6026.12
90.0	8866.80	8585.89	8264.61	7909.37	7516.10	7003.45	6593.20	6183.55	5792.03
135.0	8958.68	8953.42	8789.55	8504.55	8091.38	7716.25	7311.86	6898.69	6388.96
180.0	8736.30	8900.75	8976.82	8956.93	8739.22	8434.91	8088.45	7720.93	7203.59
225.0	8920.06	8954.00	8866.22	8663.14	8357.66	7898.26	7507.91	7080.11	6534.10
270.0	8866.80	8948.15	8927.67	8767.31	8537.91	8227.15	7753.70	7351.65	6823.78
315.0	8958.68	8859.78	8664.90	8322.54	7978.43	7592.18	7080.11	6655.82	6232.12
360.0	8736.30	8411.50	8083.19	7599.21	7183.11	6774.04	6257.28	5849.38	5452.01
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	4988.52	4624.51	4279.22	3949.16	3581.64	3318.28	3071.90	2847.76	2599.63
45.0	5635.78	5169.35	4798.32	4444.26	4029.33	3725.02	3444.11	3118.14	2891.07
90.0	5311.56	4934.68	4574.76	4141.11	3831.53	3546.52	3213.53	2973.59	2762.91
135.0	5992.18	5600.08	5210.32	4738.63	4381.64	4048.06	3653.62	3365.10	3048.50
180.0	6770.53	6357.94	5949.46	5442.65	5045.28	4668.98	4217.19	3874.83	3579.29
225.0	6102.20	5599.49	5206.81	4825.24	4462.98	4035.18	3720.33	3427.14	3158.52
270.0	6394.23	5981.06	5474.25	5086.83	4709.36	4350.62	4014.70	3611.48	3331.74
315.0	5814.27	5314.49	4943.45	4572.42	4224.80	3820.99	3526.04	3256.25	2951.93
360.0	4988.52	4624.51	4279.22	3949.16	3581.64	3318.28	3071.90	2847.76	2599.63
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	2415.87	2212.79	2061.22	1923.11	1763.34	1639.27	1518.13	1308.04	1151.08
45.0	2688.58	2504.24	2291.21	2137.30	2000.36	1869.85	1715.94	1595.97	1473.66
90.0	2527.06	2355.00	2195.82	2046.59	1873.36	1742.86	1613.52	1496.48	1162.43
135.0	2829.04	2626.55	2394.21	2228.60	2076.44	1937.15	1773.88	1646.88	1520.47
180.0	3246.30	2990.56	2759.39	2495.46	2315.79	2149.59	1999.77	1829.47	1703.65
225.0	2860.64	2643.52	2446.30	2267.22	2065.90	1920.77	1752.81	1626.40	1507.01
270.0	3076.59	2845.42	2586.17	2394.21	2173.00	2026.69	1888.58	1720.62	1598.31
315.0	2730.72	2485.51	2305.85	2143.74	1964.07	1830.06	1706.57	1586.02	1434.44
360.0	2415.87	2212.79	2061.22	1923.11	1763.34	1639.27	1518.13	1308.04	1151.08
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	1119.89	1001.44	883.63	739.96	629.70	530.16	423.76	348.38	279.97
45.0	1326.76	1209.13	1064.00	944.61	829.91	687.70	582.94	487.55	402.11
90.0	1162.43	1100.34	951.99	836.05	694.49	585.87	488.84	406.03	312.51
135.0	1400.50	1250.10	1130.13	1011.91	864.44	749.73	639.12	515.06	429.03
180.0	1582.51	1463.71	1316.81	1199.18	1046.44	926.47	805.91	663.70	560.12
225.0	1149.62	1149.62	1119.48	972.29	852.26	738.61	630.40	530.27	422.65
270.0	1477.75	1357.20	1207.96	1093.84	971.53	852.73	709.94	604.01	506.28
315.0	1137.74	1137.74	1079.04	961.70	814.22	701.10	594.06	476.20	394.62
360.0	1119.89	1001.44	883.63	739.96	629.70	530.16	423.76	348.38	279.97
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	209.86	164.33	127.75	94.81	76.25	62.74	53.31	45.18	40.61
45.0	303.79	303.79	224.20	137.47	99.61	79.18	64.32	51.91	45.47
90.0	249.19	196.28	153.33	113.30	90.59	73.50	61.04	50.39	44.30
135.0	348.85	311.98	311.98	156.90	122.72	92.11	74.56	61.51	52.38
180.0	468.24	386.89	296.77	296.77	222.39	140.22	102.77	81.93	66.66
225.0	346.57	279.44	209.10	163.69	119.85	94.34	76.02	62.62	51.38
270.0	399.77	327.20	309.64	234.03	148.88	116.05	86.50	70.29	58.70
315.0	303.03	241.00	189.61	138.64	107.45	84.51	68.47	54.89	47.64
360.0	209.86	164.33	127.75	94.81	76.25	62.74	53.31	45.18	40.61

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	37.04	34.24	31.49	29.73	28.38	27.15	26.45	26.04	25.98
45.0	40.67	36.40	33.65	31.60	29.44	28.21	27.21	26.51	26.04
90.0	38.98	35.82	33.36	30.90	29.32	28.15	27.21	26.63	26.34
135.0	44.18	39.68	36.17	32.89	30.96	29.38	27.86	26.98	26.34
180.0	53.61	46.41	41.14	36.52	33.65	31.49	29.32	27.92	26.92
225.0	45.24	40.67	37.16	33.71	31.60	29.79	28.44	27.04	26.28
270.0	48.92	43.48	39.44	36.17	33.07	31.13	29.50	28.21	26.92
315.0	42.43	38.51	34.76	32.48	30.55	28.73	27.56	26.51	26.04
360.0	37.04	34.24	31.49	29.73	28.38	27.15	26.45	26.04	25.98
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	26.16	26.63	27.10	27.68	27.97	27.80	27.15	26.04	24.58
45.0	25.93	25.98	26.34	26.80	27.27	27.68	27.68	27.27	26.04
90.0	26.34	26.63	27.04	27.45	27.92	28.03	27.74	27.04	25.40
135.0	26.10	25.98	26.22	26.51	27.10	27.51	27.74	27.62	26.92
180.0	25.98	25.52	25.34	25.40	25.63	26.04	26.51	27.10	27.33
225.0	25.81	25.57	25.57	25.93	26.28	26.80	27.33	27.39	27.15
270.0	26.28	25.87	25.93	26.10	26.51	26.98	27.51	27.86	27.80
315.0	25.87	25.87	26.22	26.69	27.15	27.68	27.92	27.68	26.98
360.0	26.16	26.63	27.10	27.68	27.97	27.80	27.15	26.04	24.58
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	23.06	20.95	19.31	18.32	17.62	16.91	16.50	16.09	15.80
45.0	24.70	23.12	21.48	19.72	18.61	17.79	17.21	16.68	16.33
90.0	23.94	21.89	20.42	19.20	18.32	17.56	17.03	16.68	16.27
135.0	25.87	24.46	22.47	20.89	19.31	18.38	17.67	17.03	16.62
180.0	27.10	26.22	25.05	23.58	21.59	20.13	18.96	18.08	17.26
225.0	26.39	24.87	23.35	21.71	20.31	18.90	18.08	17.44	16.91
270.0	27.27	26.16	24.70	22.71	21.07	19.78	18.49	17.79	17.15
315.0	25.81	23.88	22.18	20.25	19.02	18.08	17.26	16.74	16.39
360.0	23.06	20.95	19.31	18.32	17.62	16.91	16.50	16.09	15.80
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	15.51	15.22	15.04	14.75	14.51	14.16	13.93	13.52	13.23
45.0	15.98	15.68	15.45	15.22	14.86	14.63	14.34	13.99	13.69
90.0	15.92	15.68	15.45	15.22	14.92	14.63	14.28	13.99	13.64
135.0	16.27	15.98	15.68	15.45	15.16	14.92	14.63	14.40	14.10
180.0	17.26	17.44	17.15	16.33	15.74	15.39	14.98	14.75	14.40
225.0	16.56	16.15	15.98	15.86	15.51	15.16	14.86	14.57	14.28
270.0	16.74	16.39	16.09	15.80	15.51	15.22	14.98	14.69	14.46
315.0	16.04	15.63	15.45	15.16	14.86	14.63	14.40	14.05	13.75
360.0	15.51	15.22	15.04	14.75	14.51	14.16	13.93	13.52	13.23
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	13.05	12.76	12.52	12.35	12.11	11.94	11.70	11.70	11.70
45.0	13.34	12.99	12.70	12.52	12.41	12.11	11.94	11.76	11.65
90.0	13.28	12.99	12.76	12.58	12.29	12.06	11.82	11.70	11.65
135.0	13.69	13.40	13.17	12.93	12.64	12.35	12.23	11.94	11.76
180.0	14.16	13.87	13.40	13.17	12.99	12.76	12.41	12.23	12.00
225.0	13.93	13.64	13.28	12.93	12.70	12.41	12.11	11.94	11.82
270.0	14.10	13.81	13.46	13.17	12.87	12.52	12.23	12.06	11.82
315.0	13.46	13.23	12.99	12.76	12.52	12.35	12.11	11.94	11.82
360.0	13.05	12.76	12.52	12.35	12.11	11.94	11.70	11.70	11.70

Intensity data(cd)

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