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NT

Client:

LumCAT: 3-2808-L

Luminaire: 92.70.412.00

Report No: 2024308-B004

Ballast type: AC

Test No: 2024308-C004

Voltage(V): 34.240

LampCAT: TRIDONIC SLE G7 15MM

Current(A): 0.530

Lamp flux(lm): 3273.0

Power (W): 18.147

Number of Lamps: 1

PF: 0.000

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 2692.33, Efficiency(%): 82.26% , Luminous Efficacy(lm/W): 148.36

Central intensity(cd): 5242.651, Maximum intensity(cd): 5242.651

Angle of maximum intensity: C=0.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=41.8

[C90/270]Total=41.8

Field angle(10%Imax): [C0/180]Total=65.6

[C90/270]Total=65.6

Maximum s/h(1/2): C0_180=0.68 C90_270=0.68

Maximum s/h(1/4): C0_180=0.66 C90_270=0.66

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 82.26%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 97.181%

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	5242.650	0.000	0	0.00%	0.00%
1.0	5235.042	5.013	5.013	0.15%	0.19%
2.0	5213.243	14.996	20.01	0.46%	0.74%
3.0	5182.519	24.863	44.873	0.76%	1.67%
4.0	5139.066	34.550	79.423	1.06%	2.95%
5.0	5080.763	43.965	123.388	1.34%	4.58%
6.0	5014.998	53.056	176.444	1.62%	6.55%
7.0	4940.601	61.794	238.238	1.89%	8.85%
8.0	4854.646	70.103	308.341	2.14%	11.45%
9.0	4748.208	77.826	386.167	2.38%	14.34%
10.0	4626.921	84.841	471.008	2.59%	17.49%
11.0	4497.366	91.170	562.178	2.79%	20.88%
12.0	4344.988	96.660	658.838	2.95%	24.47%
13.0	4187.563	101.260	760.098	3.09%	28.23%
14.0	4014.556	104.986	865.084	3.21%	32.13%
15.0	3834.233	107.752	972.836	3.29%	36.13%
16.0	3643.230	109.566	1082.402	3.35%	40.20%
17.0	3444.181	110.370	1192.772	3.37%	44.30%
18.0	3238.108	110.176	1302.948	3.37%	48.39%
19.0	3023.477	108.939	1411.887	3.33%	52.44%
20.0	2819.014	106.934	1518.821	3.27%	56.41%
21.0	2599.921	104.055	1622.875	3.18%	60.28%
22.0	2382.144	100.117	1722.992	3.06%	64.00%
23.0	2190.775	95.952	1818.944	2.93%	67.56%
24.0	2005.332	91.742	1910.686	2.80%	70.97%
25.0	1781.176	86.097	1996.783	2.63%	74.17%
26.0	1585.784	79.477	2076.261	2.43%	77.12%
27.0	1358.841	72.041	2148.302	2.20%	79.79%
28.0	1238.855	65.768	2214.07	2.01%	82.24%
29.0	1088.050	60.878	2274.948	1.86%	84.50%
30.0	927.369	54.416	2329.364	1.66%	86.52%
31.0	768.364	47.190	2376.554	1.44%	88.27%
32.0	633.067	40.149	2416.703	1.23%	89.76%
33.0	503.476	33.483	2450.186	1.02%	91.01%
34.0	385.502	26.903	2477.089	0.82%	92.01%
35.0	289.196	20.954	2498.043	0.64%	92.78%
36.0	229.986	16.531	2514.574	0.51%	93.40%
37.0	175.677	13.230	2527.804	0.40%	93.89%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	111.756	9.594	2537.399	0.29%	94.25%
39.0	77.754	6.469	2543.867	0.20%	94.49%
40.0	68.084	5.086	2548.953	0.16%	94.67%
41.0	61.522	4.615	2553.569	0.14%	94.85%
42.0	56.562	4.290	2557.859	0.13%	95.01%
43.0	52.948	4.057	2561.915	0.12%	95.16%
44.0	49.890	3.881	2565.797	0.12%	95.30%
45.0	47.067	3.726	2569.523	0.11%	95.44%
46.0	44.594	3.585	2573.108	0.11%	95.57%
47.0	42.421	3.461	2576.568	0.11%	95.70%
48.0	40.520	3.353	2579.921	0.10%	95.82%
49.0	38.844	3.259	2583.18	0.10%	95.95%
50.0	37.286	3.174	2586.355	0.10%	96.06%
51.0	35.969	3.099	2589.454	0.09%	96.18%
52.0	34.916	3.042	2592.496	0.09%	96.29%
53.0	33.972	2.997	2595.492	0.09%	96.40%
54.0	33.255	2.963	2598.455	0.09%	96.51%
55.0	32.714	2.945	2601.4	0.09%	96.62%
56.0	32.436	2.944	2604.344	0.09%	96.73%
57.0	32.385	2.964	2607.308	0.09%	96.84%
58.0	32.487	3.000	2610.308	0.09%	96.95%
59.0	32.619	3.044	2613.352	0.09%	97.07%
60.0	32.707	3.086	2616.438	0.09%	97.18%
61.0	32.699	3.121	2619.559	0.10%	97.30%
62.0	32.678	3.150	2622.709	0.10%	97.41%
63.0	32.743	3.182	2625.891	0.10%	97.53%
64.0	32.626	3.208	2629.099	0.10%	97.65%
65.0	32.217	3.209	2632.308	0.10%	97.77%
66.0	31.588	3.183	2635.491	0.10%	97.89%
67.0	30.797	3.137	2638.628	0.10%	98.01%
68.0	30.132	3.086	2641.715	0.09%	98.12%
69.0	29.642	3.049	2644.764	0.09%	98.23%
70.0	29.261	3.025	2647.789	0.09%	98.35%
71.0	29.188	3.021	2650.81	0.09%	98.46%
72.0	28.764	3.013	2653.823	0.09%	98.57%
73.0	28.369	2.988	2656.811	0.09%	98.68%
74.0	28.105	2.969	2659.78	0.09%	98.79%
75.0	27.754	2.951	2662.731	0.09%	98.90%

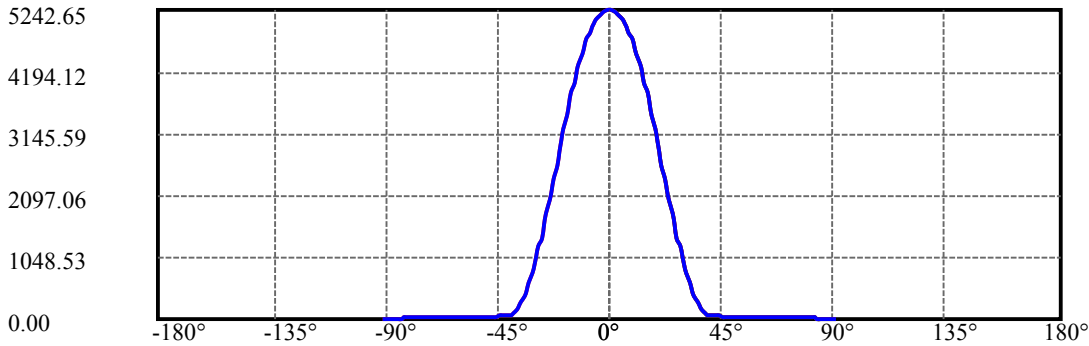
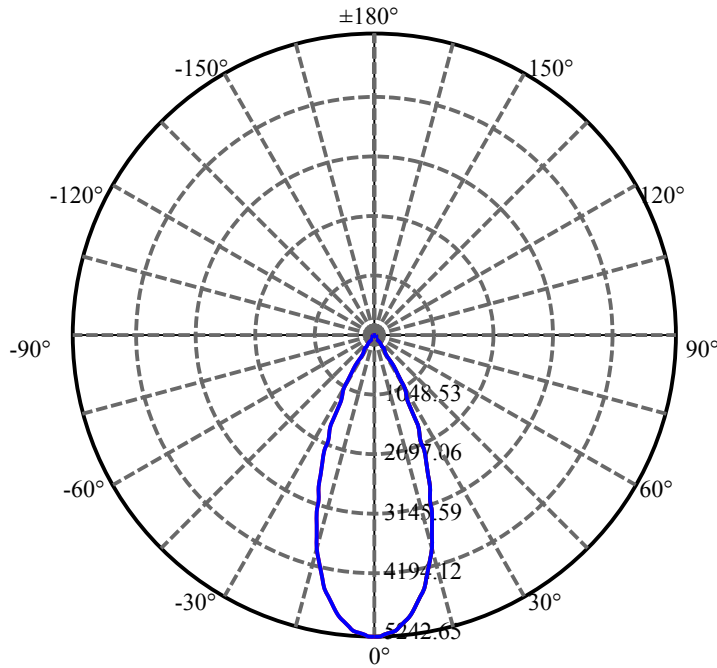
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	27.235	2.919	2665.65	0.09%	99.01%
77.0	26.613	2.871	2668.521	0.09%	99.12%
78.0	25.728	2.802	2671.323	0.09%	99.22%
79.0	24.536	2.701	2674.024	0.08%	99.32%
80.0	22.904	2.558	2676.581	0.08%	99.42%
81.0	20.476	2.346	2678.927	0.07%	99.50%
82.0	17.988	2.086	2681.013	0.06%	99.58%
83.0	15.355	1.813	2682.826	0.06%	99.65%
84.0	13.636	1.579	2684.405	0.05%	99.71%
85.0	12.787	1.442	2685.847	0.04%	99.76%
86.0	12.260	1.369	2687.216	0.04%	99.81%
87.0	11.829	1.318	2688.535	0.04%	99.86%
88.0	11.587	1.283	2689.817	0.04%	99.91%
89.0	11.419	1.261	2691.079	0.04%	99.95%
90.0	11.346	1.248	2692.327	0.04%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	2329.36	71.17%	86.52%
0-40	2548.95	77.88%	94.67%
0-60	2616.44	79.94%	97.18%
0-90	2691.08	82.22%	99.95%
0-120	2691.08	82.22%	99.95%
0-180	2692.33	82.26%	100.00%
60-90	74.64	2.28%	2.77%
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%
0-27.08	2153.86	65.81%	80.00%

ZONAL LUMEN SUMMARY

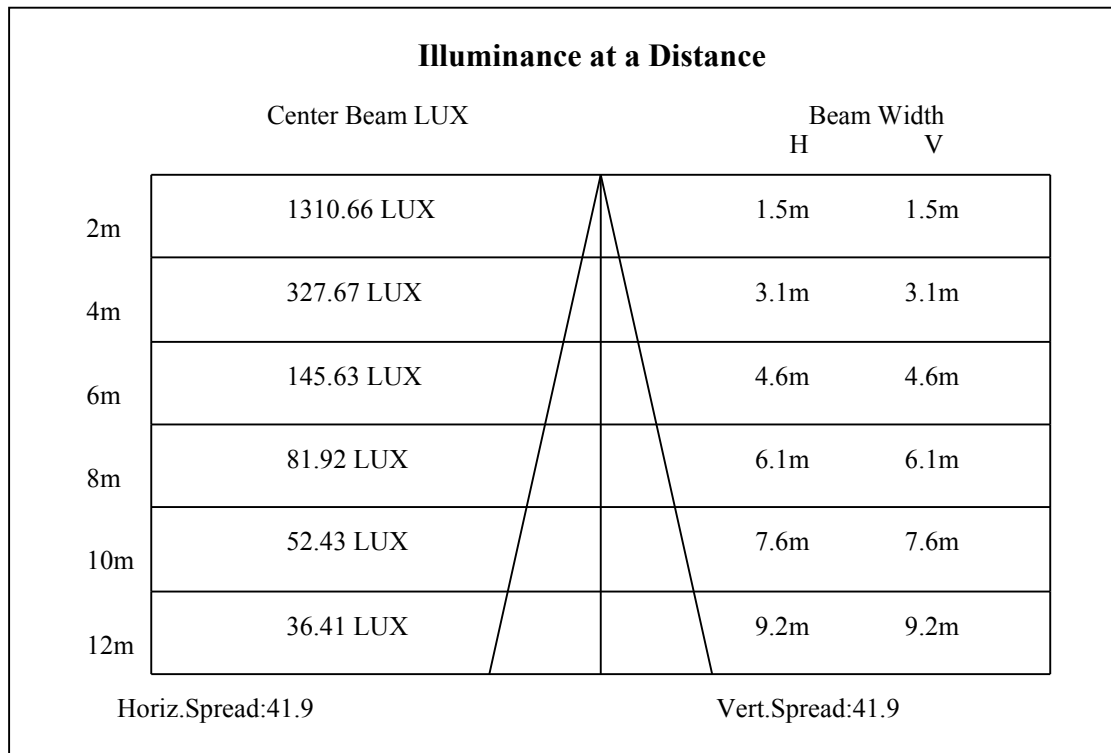
0-10	471.01
10-20	1047.81
20-30	810.54
30-40	219.59
40-50	37.40
50-60	30.08
60-70	31.35
70-80	28.79
80-90	14.50
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

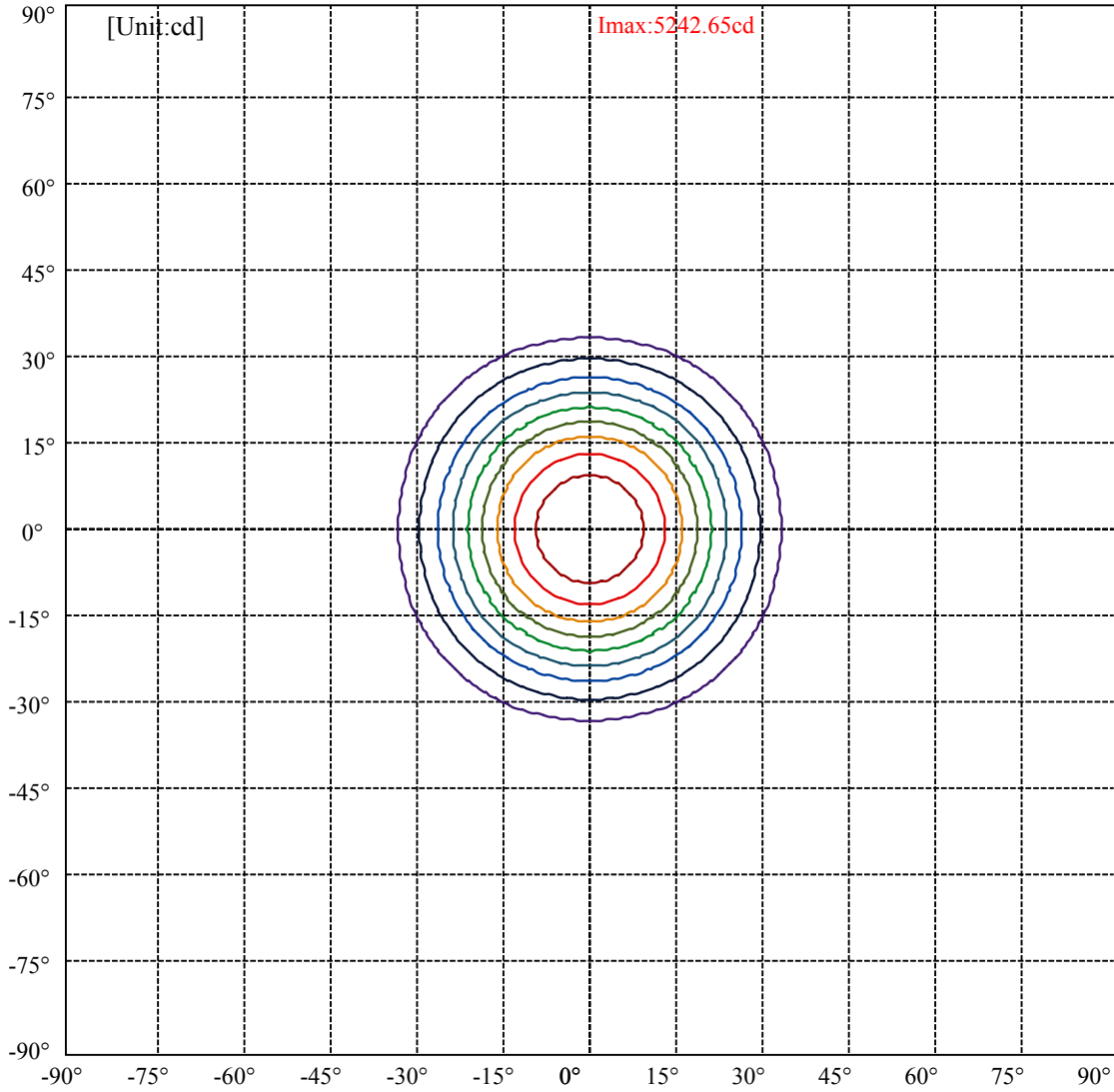


C0(Max): —————
C0/C180: —————
C90/C270: —————

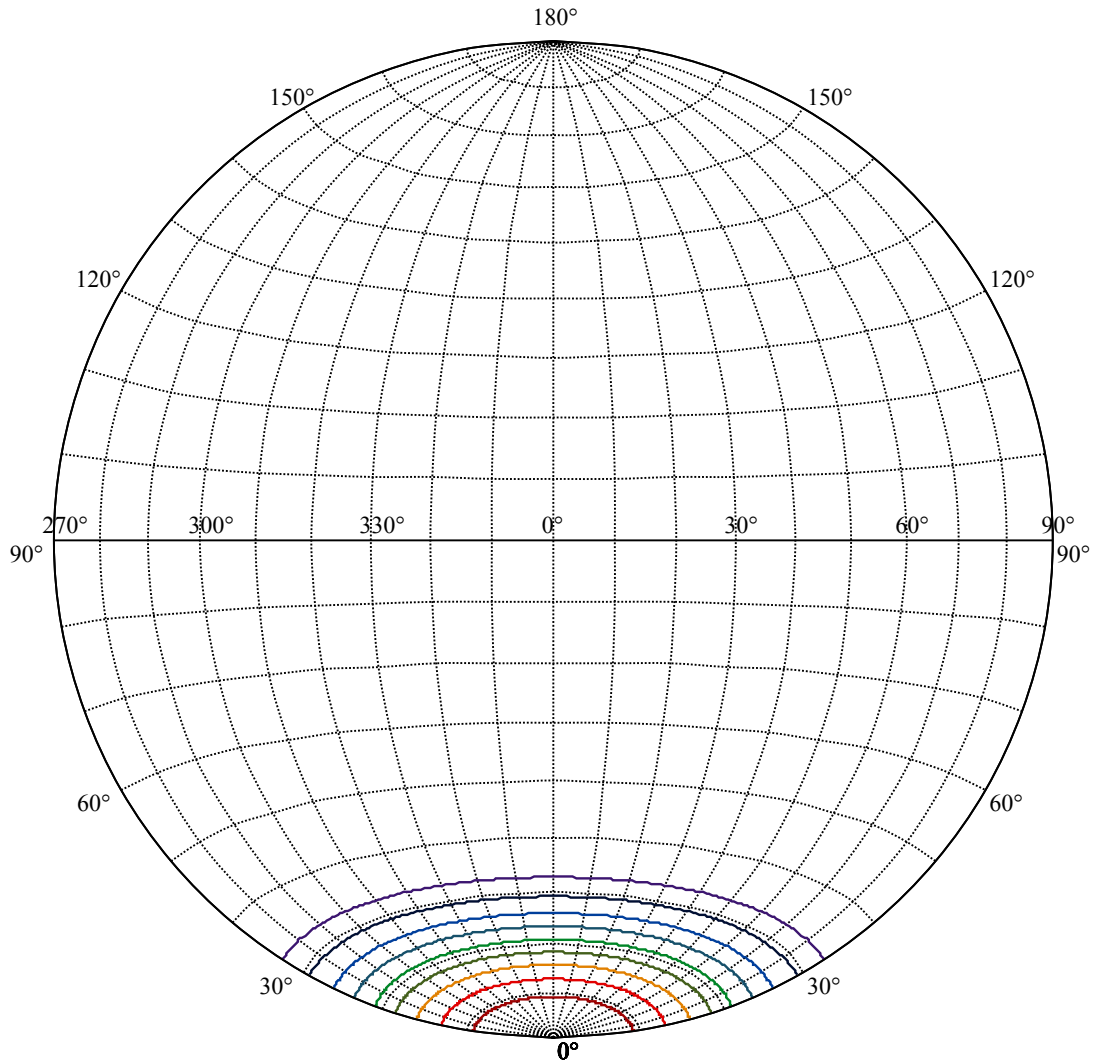
Field angle(10%Imax):C0/180Left:32.8 Right:32.8
:C90/270Left:32.8 Right:32.8

Beam Angle(50%Imax):C0/180Left:20.9 Right:20.9
:C90/270Left:20.9 Right:20.9





(10%Imax) 524.265	—
(20%Imax) 1048.53	—
(30%Imax) 1572.8	—
(40%Imax) 2097.06	—
(50%Imax) 2621.33	—
(60%Imax) 3145.59	—
(70%Imax) 3669.86	—
(80%Imax) 4194.12	—
(90%Imax) 4718.39	—



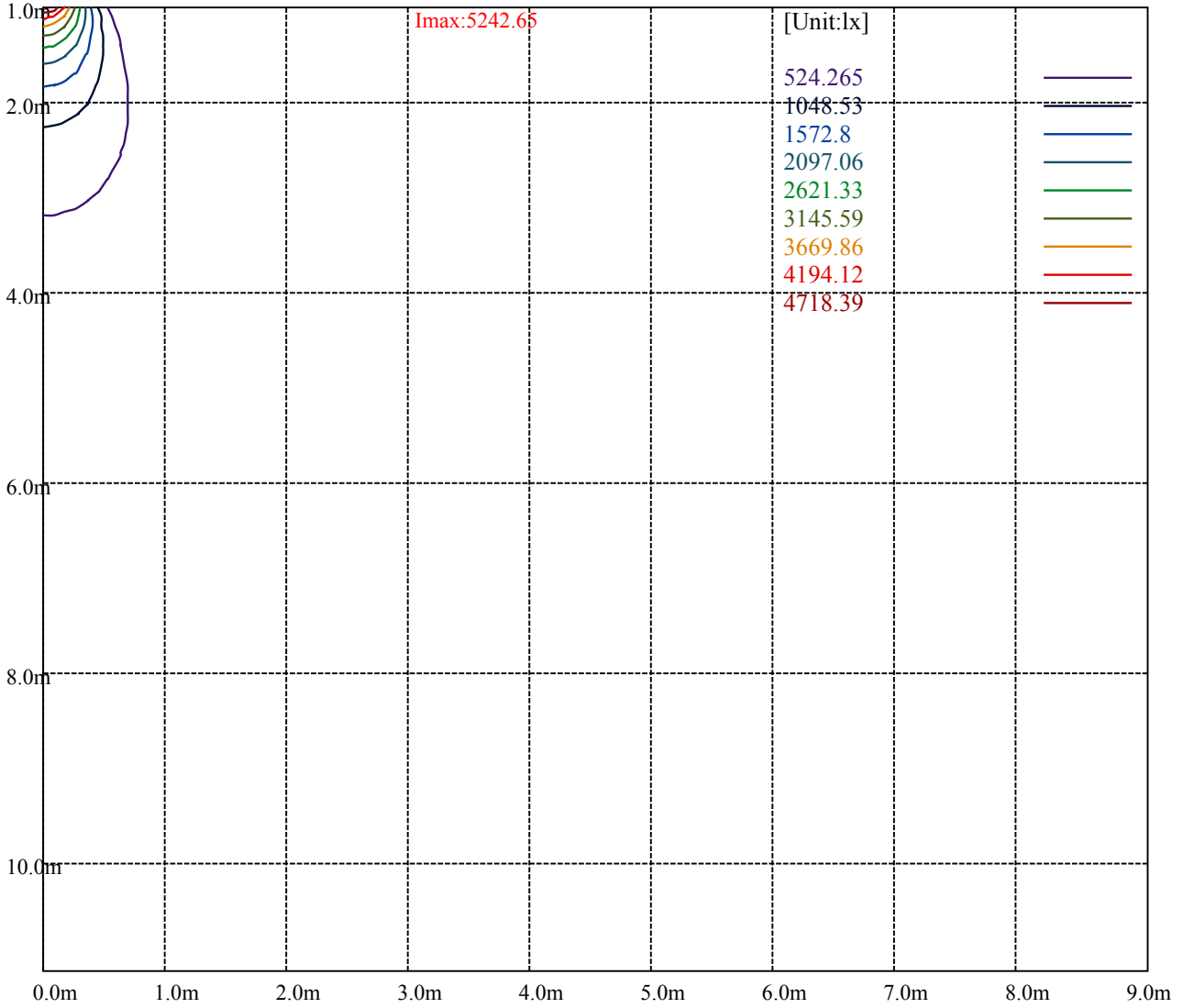
House

[Unit:cd]

Road

Imax:5242.65

(10%Imax) 524.265	—
(20%Imax) 1048.53	—
(30%Imax) 1572.8	—
(40%Imax) 2097.06	—
(50%Imax) 2621.33	—
(60%Imax) 3145.59	—
(70%Imax) 3669.86	—
(80%Imax) 4194.12	—
(90%Imax) 4718.39	—



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

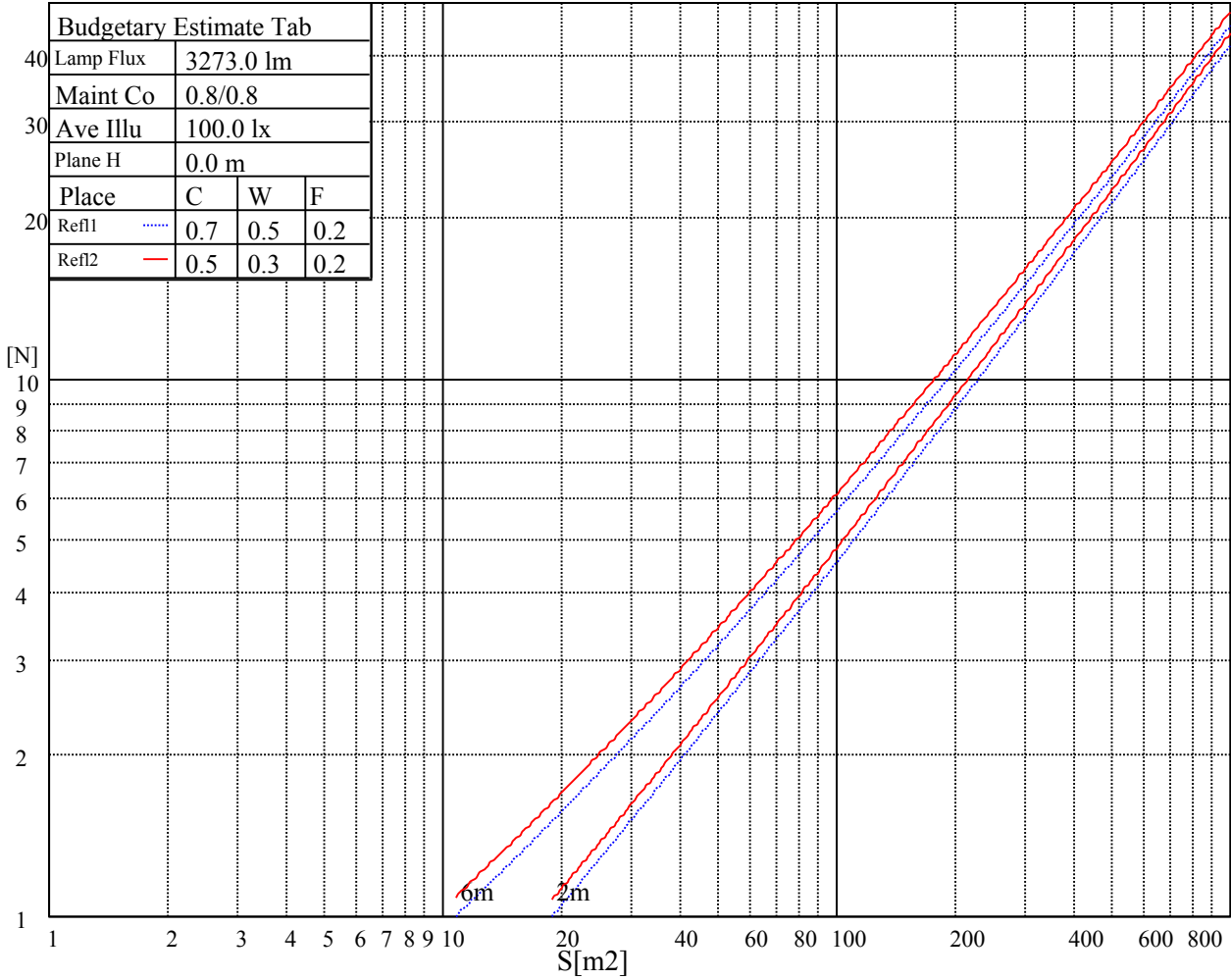
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

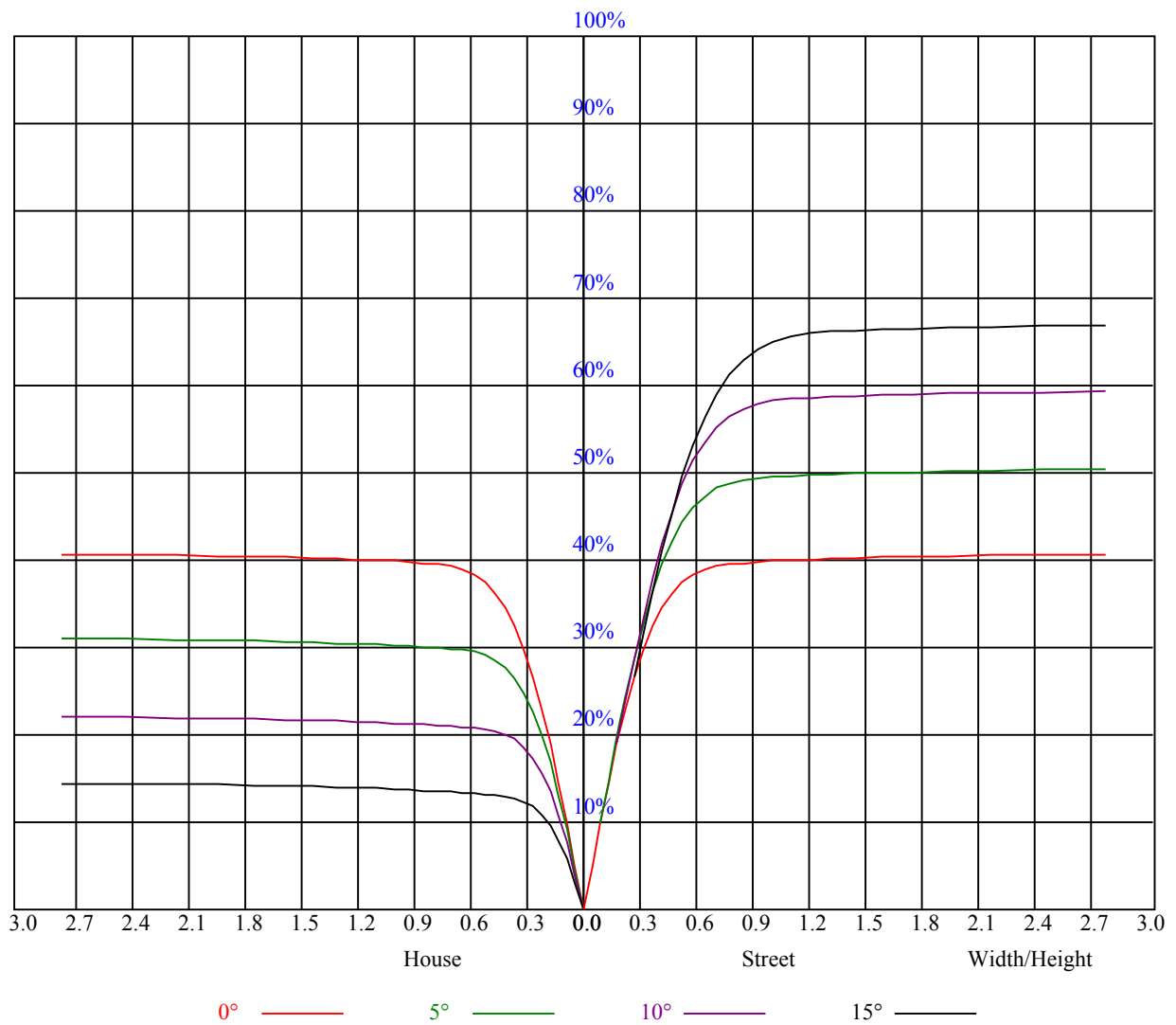


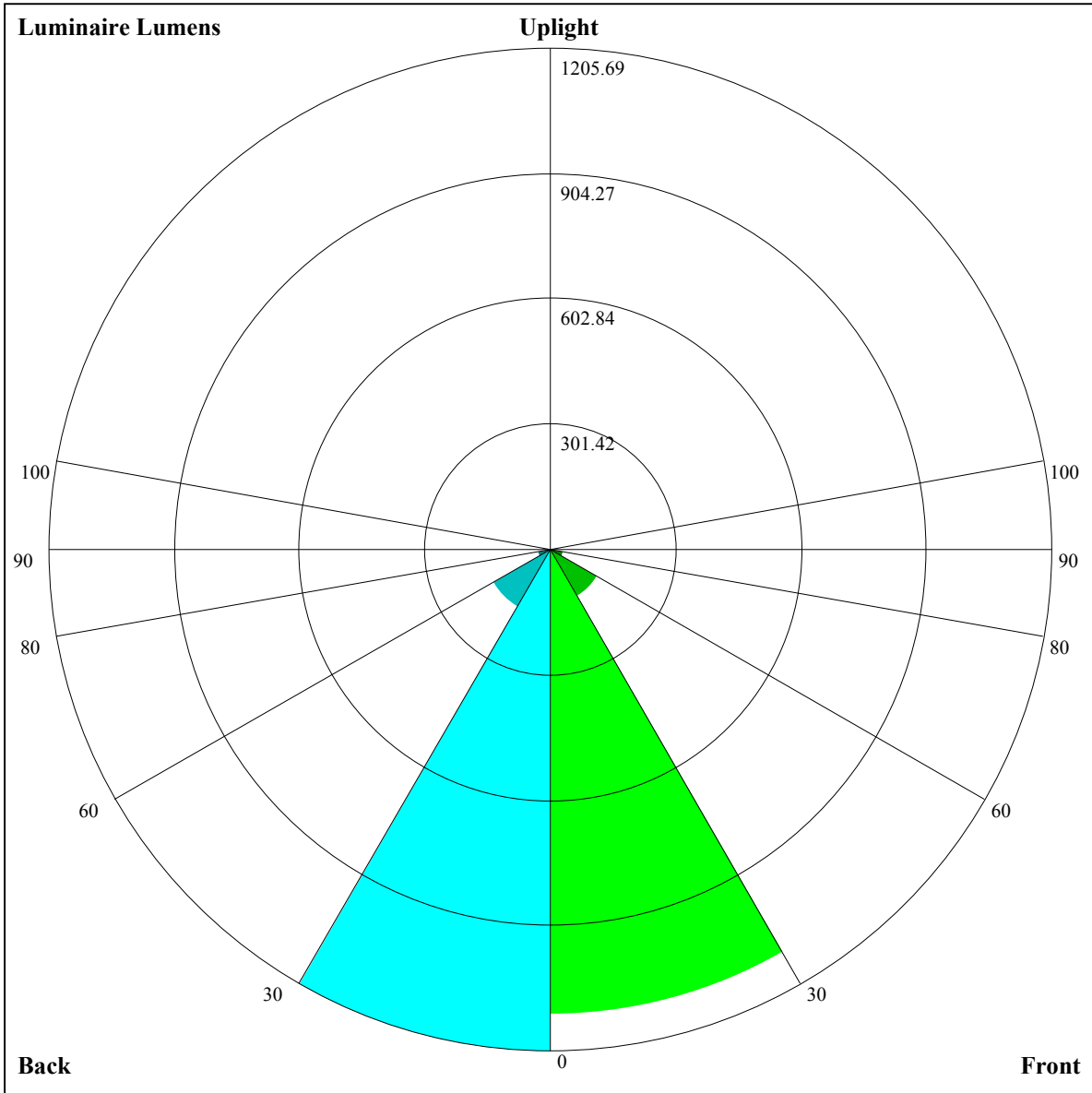
Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字
	3H	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	0.98	0.98	0.98	0.96	0.96	0.96	0.91	0.91	0.91	0.88	0.88	0.88	0.84	0.84	0.84	0.82
1	0.91	0.89	0.88	0.90	0.88	0.86	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.80	0.79	0.77
2	0.86	0.83	0.80	0.84	0.81	0.79	0.82	0.79	0.77	0.79	0.77	0.76	0.77	0.75	0.74	0.73
3	0.81	0.77	0.74	0.80	0.76	0.73	0.78	0.75	0.72	0.76	0.73	0.71	0.74	0.72	0.70	0.69
4	0.76	0.72	0.69	0.76	0.72	0.69	0.74	0.71	0.68	0.72	0.69	0.67	0.71	0.68	0.66	0.65
5	0.73	0.68	0.65	0.72	0.68	0.65	0.70	0.67	0.64	0.69	0.66	0.64	0.68	0.65	0.63	0.62
6	0.69	0.65	0.62	0.68	0.64	0.61	0.67	0.64	0.61	0.66	0.63	0.61	0.65	0.62	0.60	0.59
7	0.66	0.61	0.58	0.65	0.61	0.58	0.64	0.61	0.58	0.63	0.60	0.58	0.62	0.60	0.57	0.56
8	0.63	0.59	0.56	0.62	0.58	0.55	0.62	0.58	0.55	0.61	0.57	0.55	0.60	0.57	0.55	0.54
9	0.60	0.56	0.53	0.60	0.56	0.53	0.59	0.55	0.53	0.58	0.55	0.53	0.58	0.55	0.52	0.51
10	0.58	0.53	0.51	0.57	0.53	0.51	0.57	0.53	0.51	0.56	0.53	0.50	0.56	0.52	0.50	0.49





Luminaire Lumens:

FL=1119.45,FM=129.73,FH=30.75,FVH=7.79

BL=1205.69,BM=161.03,BH=31.67,BVH=8.32

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	5229.63	5182.81	5137.16	5076.89	5018.36	4921.22	4838.11	4744.48	4629.19
45.0	5246.60	5241.92	5223.19	5189.83	5139.50	5080.40	5018.36	4945.79	4849.82
90.0	5247.19	5238.99	5209.73	5174.62	5131.31	5063.43	4999.05	4908.34	4822.90
135.0	5247.19	5245.43	5243.09	5220.85	5186.32	5129.56	5078.06	5020.70	4939.36
180.0	5229.63	5246.60	5246.60	5237.24	5222.02	5196.27	5150.62	5096.78	5037.09
225.0	5246.60	5237.24	5207.98	5182.81	5135.99	5083.32	5009.00	4944.04	4861.52
270.0	5247.19	5249.53	5236.65	5213.24	5161.74	5110.24	5052.89	4975.06	4900.73
315.0	5247.19	5237.82	5201.54	5164.67	5117.27	5061.67	4973.89	4889.61	4796.56
360.0	5229.63	5182.81	5137.16	5076.89	5018.36	4921.22	4838.11	4744.48	4629.19
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	4467.08	4322.53	4127.07	3960.28	3794.07	3583.98	3401.39	3213.53	2971.83
45.0	4750.92	4642.65	4512.14	4330.72	4182.66	4024.07	3813.38	3636.06	3405.48
90.0	4721.65	4567.74	4437.23	4283.91	4124.72	3919.31	3740.23	3555.89	3368.61
135.0	4854.50	4751.50	4643.82	4479.37	4331.89	4170.96	3997.15	3785.88	3605.63
180.0	4954.57	4876.74	4784.27	4684.20	4521.51	4391.00	4237.09	4070.88	3863.71
225.0	4770.81	4636.21	4509.80	4375.20	4232.41	4029.92	3866.64	3655.37	3472.78
270.0	4808.85	4684.20	4564.23	4427.87	4251.13	4100.73	3935.70	3723.85	3548.86
315.0	4657.28	4533.80	4400.37	4218.36	4062.11	3896.49	3682.29	3504.39	3316.53
360.0	4467.08	4322.53	4127.07	3960.28	3794.07	3583.98	3401.39	3213.53	2971.83
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	2767.59	2566.86	2384.27	2156.03	1980.46	1808.99	1630.50	1166.88	1166.88
45.0	3206.51	3011.63	2811.48	2560.42	2371.98	2193.48	2016.16	1790.85	1610.01
90.0	3127.50	2929.11	2728.96	2477.32	2285.95	2061.22	1884.48	1703.06	1521.64
135.0	3419.53	3179.59	2979.44	2775.20	2522.38	2335.69	2151.35	1924.86	1738.18
180.0	3689.32	3459.91	3269.13	3068.98	2802.12	2587.34	2401.82	2222.16	1997.43
225.0	3276.15	3027.43	2821.43	2617.18	2377.24	2189.97	2012.65	1841.18	1614.69
270.0	3358.08	3156.18	2903.94	2689.75	2493.70	2306.43	2072.34	1900.28	1679.65
315.0	3060.20	2857.13	2653.47	2454.49	2223.33	2043.08	1873.36	1700.14	1357.78
360.0	2767.59	2566.86	2384.27	2156.03	1980.46	1808.99	1630.50	1166.88	1166.88
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	1088.46	903.41	767.64	639.24	488.60	379.81	282.37	179.31	117.16
45.0	1436.79	1223.18	1068.68	930.57	753.83	625.66	507.45	371.09	298.52
90.0	1143.82	1143.82	986.69	842.55	674.30	547.24	430.08	326.85	219.23
135.0	1548.56	1331.45	1174.02	1012.50	863.27	693.55	568.31	453.02	351.19
180.0	1821.86	1642.20	1470.14	1252.44	1084.48	938.17	756.17	620.98	500.43
225.0	1157.87	1157.87	1116.38	916.52	777.00	643.86	518.98	382.03	287.40
270.0	1512.28	1347.83	1144.76	993.19	844.54	701.74	543.73	430.78	327.20
315.0	1161.09	1161.09	976.10	831.96	660.89	534.49	420.72	319.94	212.44
360.0	1088.46	903.41	767.64	639.24	488.60	379.81	282.37	179.31	117.16
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	86.26	75.49	65.43	60.10	56.18	52.90	49.16	46.64	44.24
45.0	298.52	106.98	84.33	74.09	66.72	59.87	56.12	53.02	50.27
90.0	149.76	97.67	80.29	71.16	64.78	58.93	55.30	51.44	48.75
135.0	302.62	302.62	98.26	79.30	70.17	63.67	57.82	54.37	51.50
180.0	366.99	297.94	297.94	110.72	84.86	74.27	64.32	58.87	55.13
225.0	188.44	124.07	89.89	76.14	67.59	61.57	57.12	53.78	50.27
270.0	304.38	304.38	98.32	82.05	72.16	63.38	58.52	55.01	51.15
315.0	142.91	96.27	79.59	68.47	62.21	57.59	54.13	50.45	47.81
360.0	86.26	75.49	65.43	60.10	56.18	52.90	49.16	46.64	44.24

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	41.67	39.80	37.81	36.34	35.11	34.12	33.18	32.48	31.95
45.0	47.17	44.89	42.84	40.61	39.03	37.57	36.11	35.05	34.29
90.0	46.35	44.13	41.73	40.03	38.45	37.10	35.64	34.76	34.06
135.0	48.28	45.88	43.72	41.84	39.62	37.98	36.69	35.52	34.35
180.0	52.09	48.63	46.23	43.95	41.96	39.80	38.10	36.69	35.23
225.0	47.70	45.30	42.84	41.14	39.39	37.63	36.40	35.35	34.29
270.0	48.40	45.41	43.37	41.49	39.85	38.04	36.69	35.64	34.59
315.0	44.89	42.72	40.85	38.74	37.34	36.05	34.94	33.83	33.01
360.0	41.67	39.80	37.81	36.34	35.11	34.12	33.18	32.48	31.95
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	31.60	31.49	31.66	31.78	31.84	31.89	31.89	31.72	31.19
45.0	33.53	33.01	32.71	32.71	32.89	33.07	33.12	33.12	32.95
90.0	33.47	33.01	33.07	33.47	33.71	33.88	33.94	34.00	34.59
135.0	33.65	32.83	32.36	32.19	32.48	32.83	33.07	33.01	32.95
180.0	34.18	33.36	32.48	31.95	31.78	31.72	31.78	31.78	31.89
225.0	33.47	32.95	32.71	32.77	32.89	33.01	33.12	33.18	33.07
270.0	33.77	33.18	32.77	32.54	32.54	32.66	32.83	32.95	33.18
315.0	32.36	31.89	31.72	31.66	31.78	31.89	31.89	31.84	31.60
360.0	31.60	31.49	31.66	31.78	31.84	31.89	31.89	31.72	31.19
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	30.49	29.14	27.92	26.45	25.16	24.76	24.93	25.11	25.11
45.0	32.66	32.25	31.31	30.31	28.85	27.74	27.51	27.97	28.56
90.0	35.41	36.05	35.52	35.46	36.17	37.40	36.87	35.46	35.35
135.0	32.77	32.42	31.78	30.61	29.55	28.32	26.57	25.75	24.99
180.0	32.01	31.89	31.66	31.37	30.67	29.73	28.56	26.57	25.52
225.0	32.89	32.60	32.01	30.96	29.96	28.79	28.09	28.27	29.14
270.0	34.41	35.99	37.75	38.86	38.86	38.62	39.68	40.79	41.38
315.0	31.31	30.67	29.79	28.68	27.15	25.69	24.93	24.17	23.47
360.0	30.49	29.14	27.92	26.45	25.16	24.76	24.93	25.11	25.11
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	24.81	24.58	24.46	24.05	23.47	22.12	20.25	18.20	15.63
45.0	28.68	28.97	29.14	29.32	29.14	28.56	27.68	26.63	24.40
90.0	33.83	32.13	31.60	30.84	29.55	28.73	27.68	25.98	23.58
135.0	24.11	23.58	22.94	22.53	22.18	21.83	21.36	20.83	20.37
180.0	24.58	24.58	24.81	24.64	24.87	24.58	24.40	24.17	23.70
225.0	29.96	30.49	30.37	30.14	29.61	28.97	28.15	26.98	25.11
270.0	41.38	40.26	39.39	38.51	37.34	36.81	35.70	33.65	31.54
315.0	22.77	22.36	22.12	22.00	21.71	21.30	20.60	19.84	18.90
360.0	24.81	24.58	24.46	24.05	23.47	22.12	20.25	18.20	15.63
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	14.05	12.99	12.47	12.11	11.76	11.53	11.35	11.29	11.29
45.0	19.96	16.85	14.34	13.28	12.58	12.00	11.76	11.53	11.29
90.0	18.55	15.63	14.28	13.11	12.23	12.00	11.82	11.59	11.35
135.0	19.72	18.14	15.98	14.16	12.87	12.17	11.94	11.76	11.53
180.0	22.59	20.78	18.43	16.04	14.05	12.93	12.23	11.82	11.65
225.0	22.65	18.67	15.16	13.58	12.87	12.47	11.76	11.59	11.35
270.0	29.44	25.69	18.43	13.87	13.23	12.76	12.00	11.65	11.47
315.0	16.85	15.16	13.75	12.93	12.70	12.23	11.76	11.47	11.41
360.0	14.05	12.99	12.47	12.11	11.76	11.53	11.35	11.29	11.29

Intensity data(cd)

C/γ(°)	90.0
0.0	11.29
45.0	11.29
90.0	11.35
135.0	11.41
180.0	11.41
225.0	11.24
270.0	11.35
315.0	11.41
360.0	11.29