



NATA LIGHTING CO.,LTD.
www.nata.cn
Email:info@nata.com
Tel:+86-750-3770000 Fax:+86-750-3771111
Address:380JinOu Road,GaoXin Zone,Jiang Men City,Guangdong,China

NT

Client:

LumCAT: 3-2808-L

Luminaire: 92.70.412.00

Report No: 2024302-B008

Ballast type: AC

Test No: 2024302-C008

Voltage(V): 34.140

LampCAT: LUMINUS CXM-14-AC40

Current(A): 0.530

Lamp flux(lm): 2575.0

Power (W): 18.094

Number of Lamps: 1

PF: 0.000

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 2123.82, Efficiency(%): 82.48% , Luminous Efficacy(lm/W): 117.38

Central intensity(cd): 4092.098, Maximum intensity(cd): 4092.098

Angle of maximum intensity: C=0.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=42.0

[C90/270]Total=42.0

Field angle(10%Imax): [C0/180]Total=65.8

[C90/270]Total=65.8

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(%): 82.48%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 97.174%

Equipment: GMS1980
Temperature(°C): 25.0

Date: 2024/3/02
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	4092.098	0.000	0	0.00%	0.00%
1.0	4089.172	3.915	3.915	0.15%	0.18%
2.0	4075.565	11.719	15.633	0.46%	0.74%
3.0	4053.181	19.441	35.075	0.76%	1.65%
4.0	4019.164	27.021	62.095	1.05%	2.92%
5.0	3980.101	34.412	96.508	1.34%	4.54%
6.0	3928.967	41.564	138.072	1.61%	6.50%
7.0	3869.347	48.404	186.476	1.88%	8.78%
8.0	3799.632	54.885	241.361	2.13%	11.36%
9.0	3723.992	60.975	302.336	2.37%	14.24%
10.0	3633.062	66.579	368.915	2.59%	17.37%
11.0	3527.063	71.544	440.459	2.78%	20.74%
12.0	3412.505	75.859	516.319	2.95%	24.31%
13.0	3281.196	79.437	595.756	3.08%	28.05%
14.0	3151.056	82.332	678.088	3.20%	31.93%
15.0	3011.626	84.604	762.692	3.29%	35.91%
16.0	2861.370	86.056	848.748	3.34%	39.96%
17.0	2708.041	86.731	935.479	3.37%	44.05%
18.0	2551.127	86.712	1022.191	3.37%	48.13%
19.0	2384.485	85.870	1108.061	3.33%	52.17%
20.0	2206.723	84.032	1192.093	3.26%	56.13%
21.0	2048.492	81.709	1273.801	3.17%	59.98%
22.0	1888.653	79.119	1352.92	3.07%	63.70%
23.0	1699.501	75.289	1428.209	2.92%	67.25%
24.0	1567.386	71.426	1499.635	2.77%	70.61%
25.0	1388.834	67.218	1566.853	2.61%	73.78%
26.0	1255.088	62.410	1629.263	2.42%	76.71%
27.0	1132.542	58.414	1687.677	2.27%	79.46%
28.0	990.493	53.751	1741.428	2.09%	81.99%
29.0	862.914	48.490	1789.918	1.88%	84.28%
30.0	733.887	43.113	1833.031	1.67%	86.31%
31.0	613.096	37.485	1870.516	1.46%	88.07%
32.0	505.722	32.053	1902.569	1.24%	89.58%
33.0	399.043	26.655	1929.224	1.04%	90.84%
34.0	316.636	21.659	1950.882	0.84%	91.86%
35.0	249.416	17.579	1968.462	0.68%	92.68%
36.0	189.481	13.975	1982.436	0.54%	93.34%
37.0	122.268	10.168	1992.604	0.39%	93.82%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	89.349	7.064	1999.667	0.27%	94.15%
39.0	65.779	5.295	2004.962	0.21%	94.40%
40.0	55.465	4.229	2009.191	0.16%	94.60%
41.0	50.373	3.769	2012.96	0.15%	94.78%
42.0	46.277	3.511	2016.471	0.14%	94.95%
43.0	43.314	3.319	2019.79	0.13%	95.10%
44.0	40.505	3.164	2022.953	0.12%	95.25%
45.0	38.259	3.027	2025.98	0.12%	95.39%
46.0	36.225	2.913	2028.893	0.11%	95.53%
47.0	34.433	2.810	2031.703	0.11%	95.66%
48.0	32.802	2.718	2034.421	0.11%	95.79%
49.0	31.346	2.634	2037.056	0.10%	95.91%
50.0	30.161	2.564	2039.62	0.10%	96.04%
51.0	29.108	2.508	2042.128	0.10%	96.15%
52.0	28.201	2.459	2044.587	0.10%	96.27%
53.0	27.418	2.419	2047.006	0.09%	96.38%
54.0	26.789	2.389	2049.395	0.09%	96.50%
55.0	26.372	2.373	2051.768	0.09%	96.61%
56.0	26.064	2.369	2054.138	0.09%	96.72%
57.0	25.955	2.378	2056.516	0.09%	96.83%
58.0	25.925	2.399	2058.915	0.09%	96.94%
59.0	25.969	2.426	2061.342	0.09%	97.06%
60.0	25.999	2.455	2063.797	0.10%	97.17%
61.0	25.984	2.481	2066.277	0.10%	97.29%
62.0	25.940	2.502	2068.779	0.10%	97.41%
63.0	26.021	2.527	2071.307	0.10%	97.53%
64.0	25.955	2.550	2073.857	0.10%	97.65%
65.0	25.633	2.553	2076.41	0.10%	97.77%
66.0	25.099	2.531	2078.941	0.10%	97.89%
67.0	24.397	2.489	2081.43	0.10%	98.00%
68.0	23.841	2.444	2083.873	0.09%	98.12%
69.0	23.446	2.412	2086.286	0.09%	98.23%
70.0	23.190	2.395	2088.681	0.09%	98.35%
71.0	22.955	2.385	2091.066	0.09%	98.46%
72.0	22.619	2.370	2093.436	0.09%	98.57%
73.0	22.290	2.348	2095.784	0.09%	98.68%
74.0	21.924	2.324	2098.108	0.09%	98.79%
75.0	21.609	2.300	2100.409	0.09%	98.90%

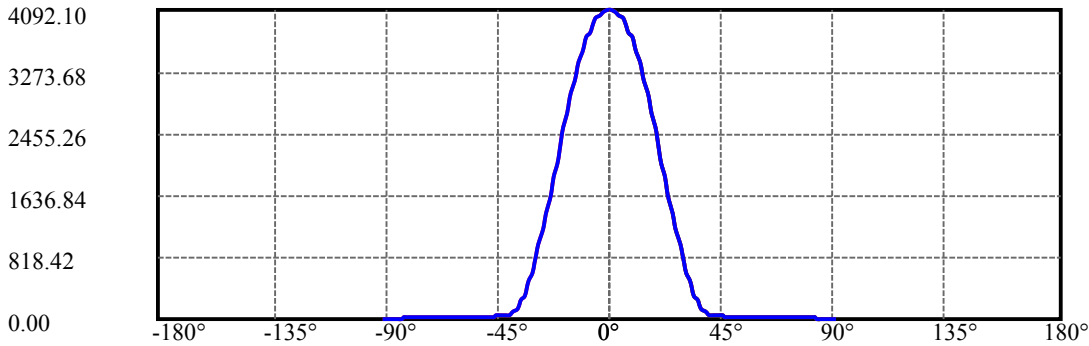
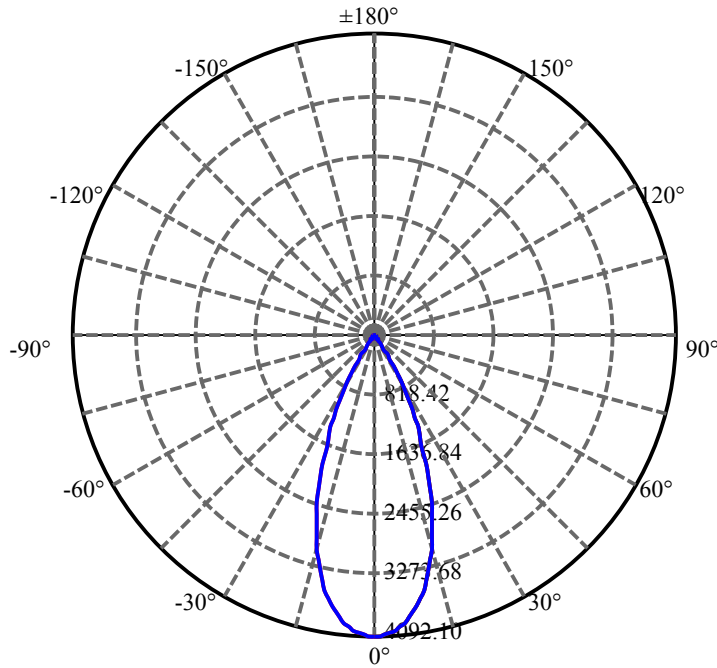
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	21.244	2.275	2102.683	0.09%	99.00%
77.0	20.658	2.234	2104.917	0.09%	99.11%
78.0	19.905	2.171	2107.089	0.08%	99.21%
79.0	18.991	2.090	2109.179	0.08%	99.31%
80.0	17.849	1.986	2111.165	0.08%	99.40%
81.0	16.035	1.832	2112.997	0.07%	99.49%
82.0	14.323	1.646	2114.644	0.06%	99.57%
83.0	12.553	1.461	2116.105	0.06%	99.64%
84.0	11.046	1.286	2117.39	0.05%	99.70%
85.0	10.366	1.169	2118.559	0.05%	99.75%
86.0	9.920	1.109	2119.668	0.04%	99.80%
87.0	9.590	1.068	2120.735	0.04%	99.85%
88.0	9.429	1.042	2121.777	0.04%	99.90%
89.0	9.312	1.027	2122.805	0.04%	99.95%
90.0	9.247	1.018	2123.822	0.04%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	1833.03	71.19%	86.31%
0-40	2009.19	78.03%	94.60%
0-60	2063.80	80.15%	97.17%
0-90	2122.80	82.44%	99.95%
0-120	2122.80	82.44%	99.95%
0-180	2123.82	82.48%	100.00%
60-90	59.01	2.29%	2.78%
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%
0-27.21	1699.06	65.98%	80.00%

ZONAL LUMEN SUMMARY

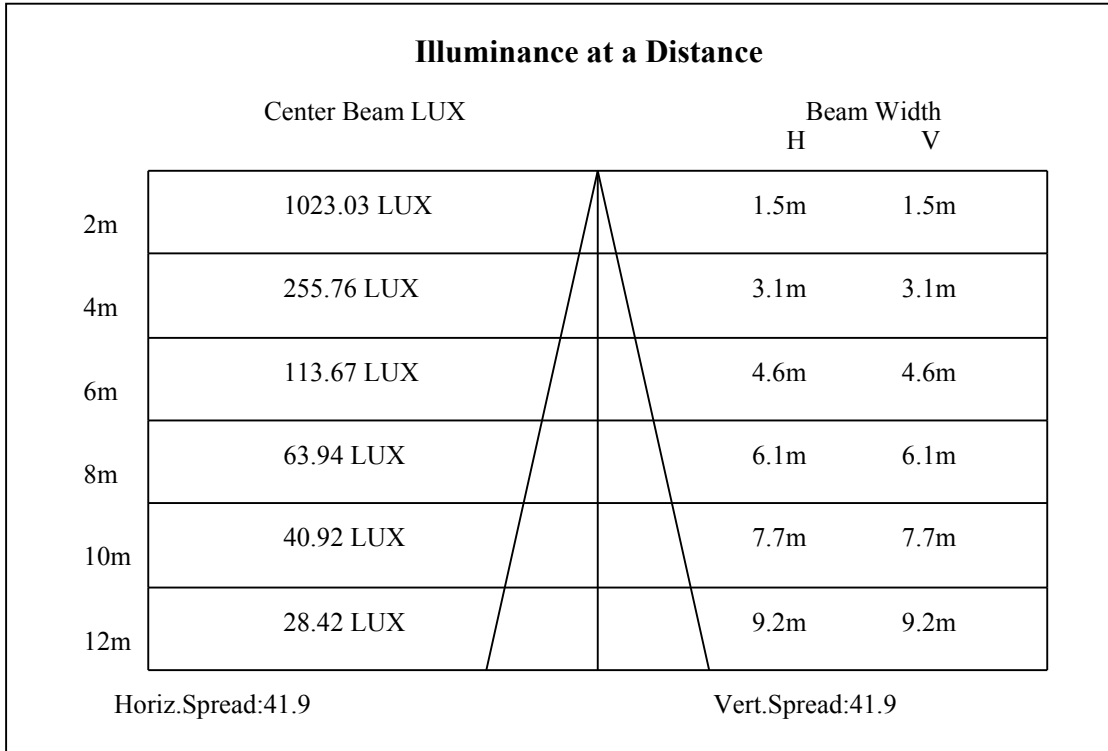
0-10	368.92
10-20	823.18
20-30	640.94
30-40	176.16
40-50	30.43
50-60	24.18
60-70	24.88
70-80	22.48
80-90	11.64
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

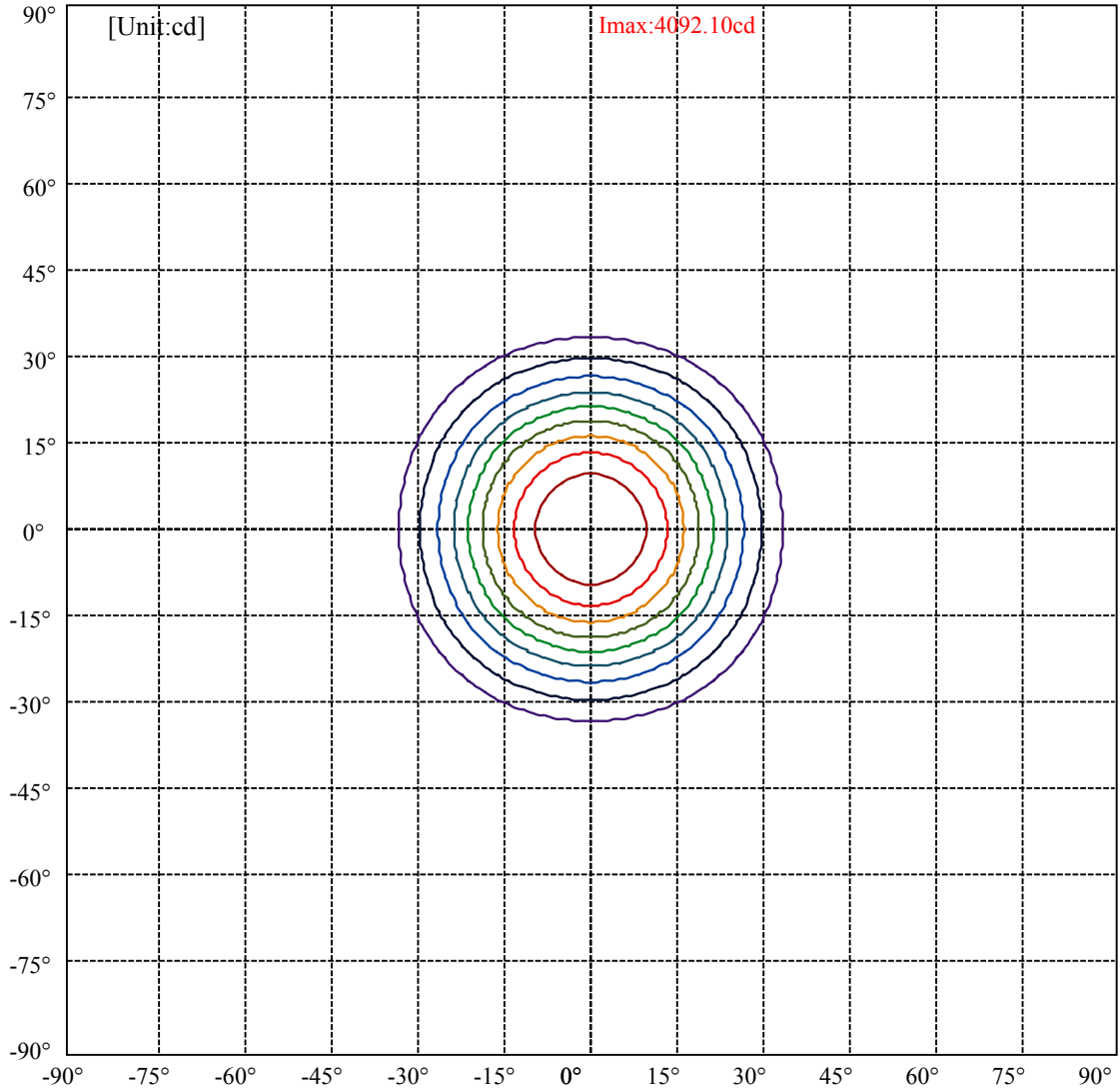


C0(Max): —————
C0/C180: —————
C90/C270: —————

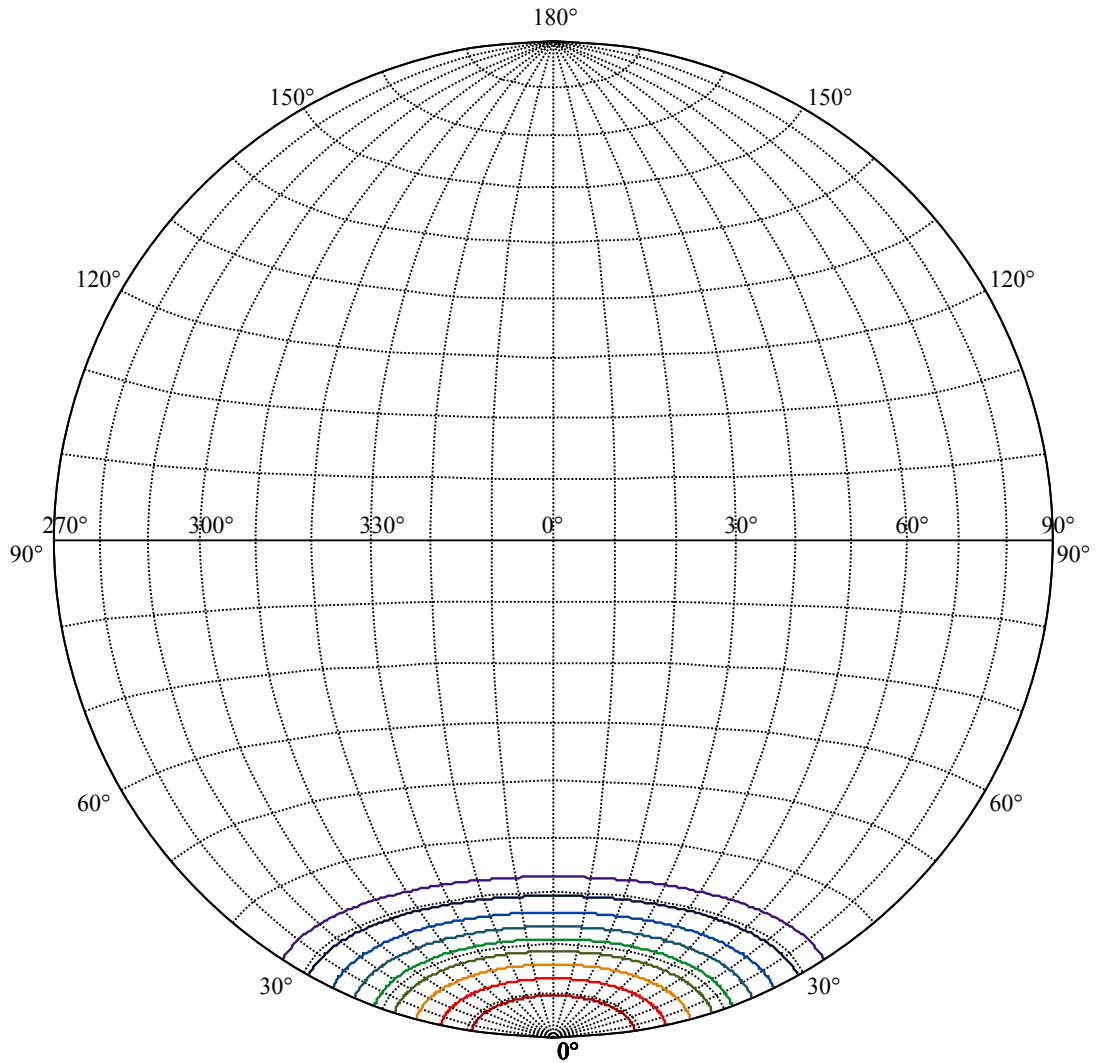
Field angle(10%Imax):C0/180Left:32.9 Right:32.9
:C90/270Left:32.9 Right:32.9

Beam Angle(50%Imax):C0/180Left:21.0 Right:21.0
:C90/270Left:21.0 Right:21.0





(10%Imax) 409.21	—
(20%Imax) 818.42	—
(30%Imax) 1227.63	—
(40%Imax) 1636.84	—
(50%Imax) 2046.05	—
(60%Imax) 2455.26	—
(70%Imax) 2864.47	—
(80%Imax) 3273.68	—
(90%Imax) 3682.89	—



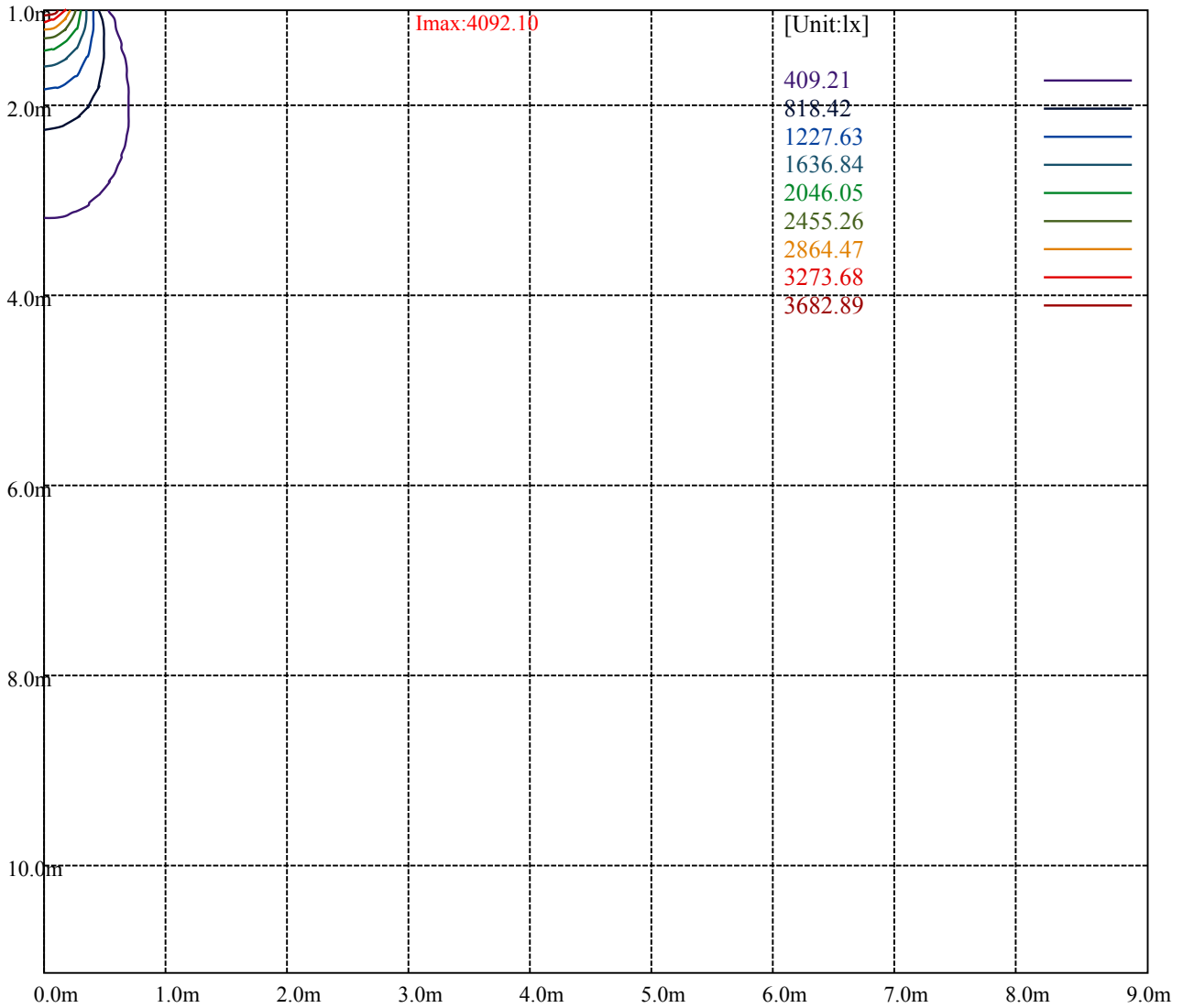
House

[Unit:cd]

Road

Imax:4092.10

(10%Imax)	409.21	—
(20%Imax)	818.42	—
(30%Imax)	1227.63	—
(40%Imax)	1636.84	—
(50%Imax)	2046.05	—
(60%Imax)	2455.26	—
(70%Imax)	2864.47	—
(80%Imax)	3273.68	—
(90%Imax)	3682.89	—



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

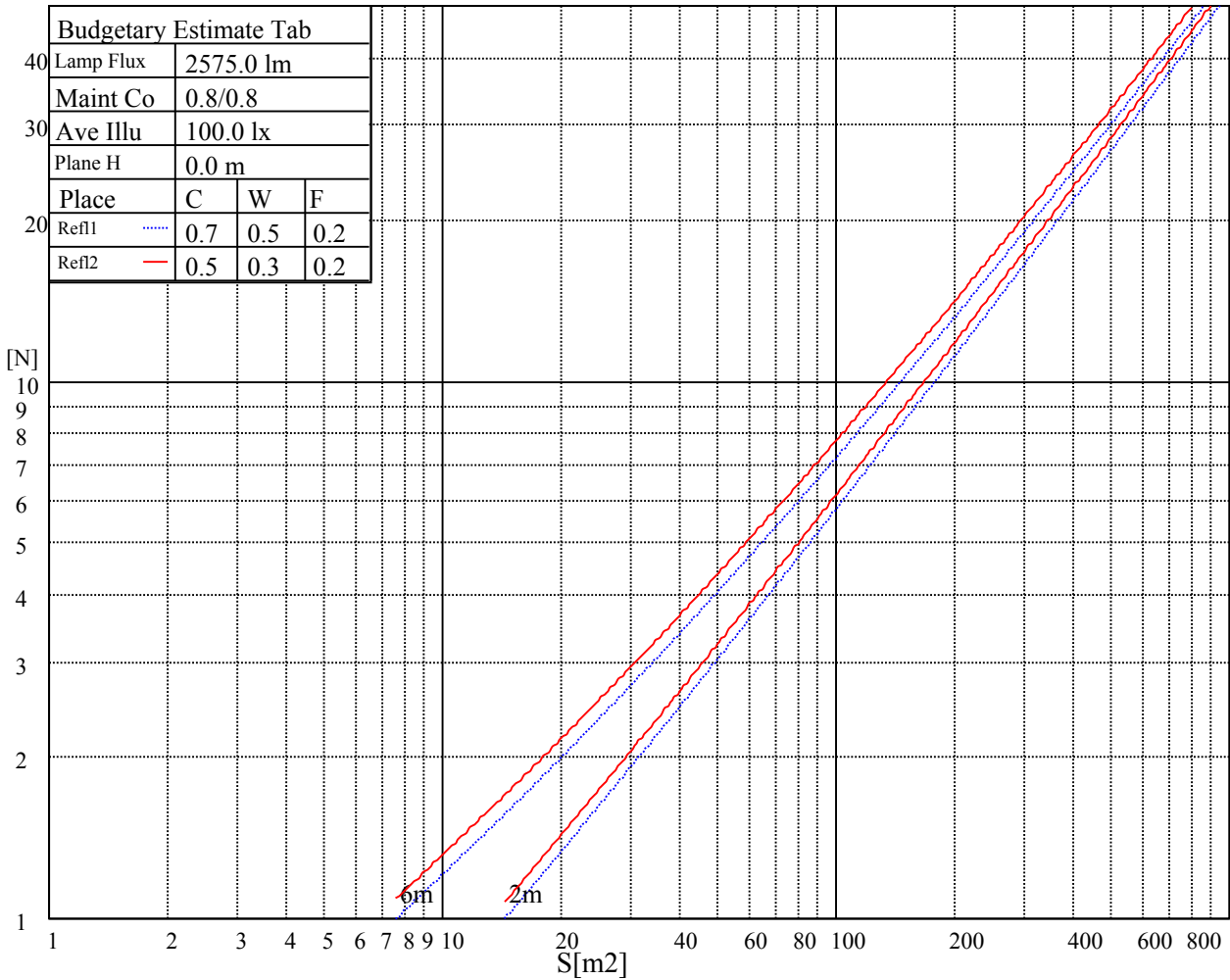
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

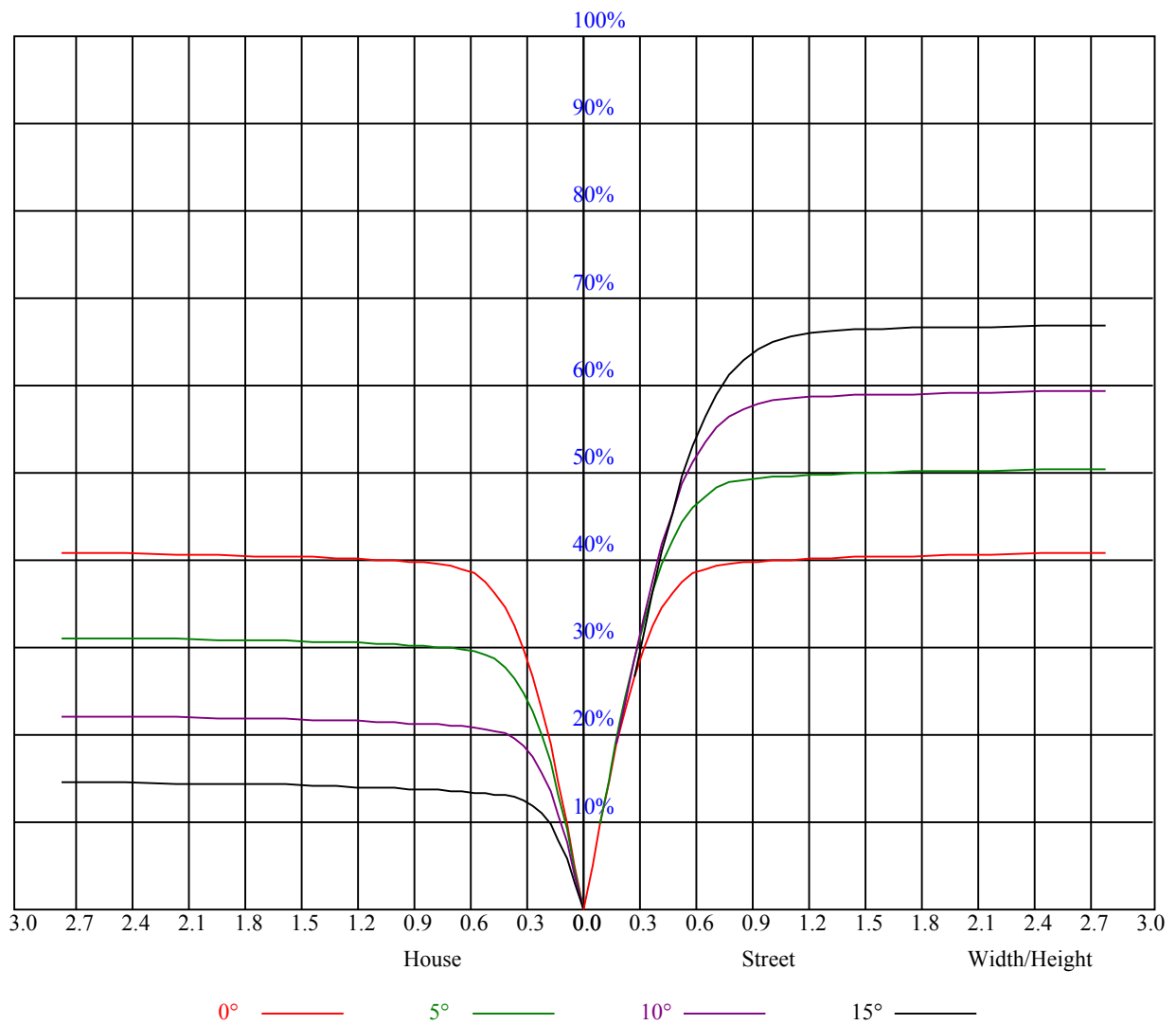


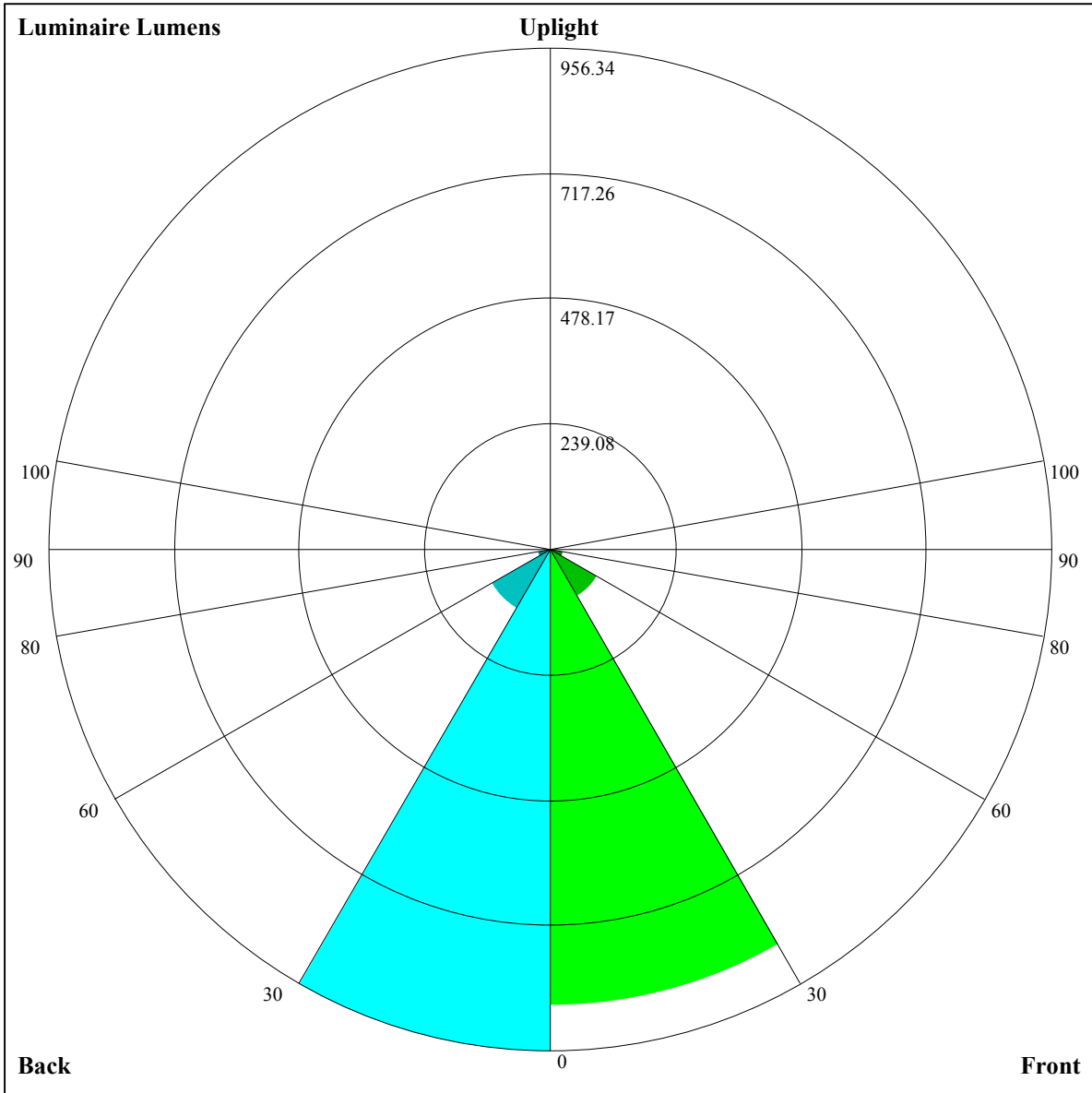
Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	3H	非数字	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	0.98	0.98	0.98	0.96	0.96	0.96	0.92	0.92	0.92	0.88	0.88	0.88	0.84	0.84	0.84	0.82
1	0.92	0.90	0.88	0.90	0.88	0.86	0.86	0.85	0.84	0.83	0.82	0.81	0.81	0.80	0.79	0.77
2	0.86	0.83	0.80	0.84	0.82	0.79	0.82	0.80	0.78	0.79	0.78	0.76	0.77	0.76	0.74	0.73
3	0.81	0.77	0.74	0.80	0.76	0.74	0.78	0.75	0.72	0.76	0.73	0.71	0.74	0.72	0.70	0.69
4	0.77	0.72	0.69	0.76	0.72	0.69	0.74	0.71	0.68	0.72	0.70	0.67	0.71	0.68	0.67	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	0.62	0.58	0.65	0.61	0.58	0.64	0.61	0.58	0.63	0.60	0.58	0.63	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	0.54	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=871.06,FM=101.84,FH=24.42,FVH=6.29

BL=956.34,BM=131.19,BH=24.68,BVH=6.69

UL=0,UH=0

BUG Rating:B2-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	4069.71	4041.04	4007.09	3969.64	3910.53	3857.28	3790.56	3716.82	3605.04
45.0	4091.37	4088.44	4070.88	4046.30	4004.75	3966.71	3921.65	3852.01	3781.20
90.0	4106.00	4103.07	4084.93	4061.52	4018.80	3974.91	3919.90	3847.91	3775.34
135.0	4101.32	4110.09	4113.02	4102.49	4076.74	4042.79	3992.46	3944.48	3880.10
180.0	4069.71	4087.27	4093.71	4091.37	4087.86	4065.03	4026.99	3994.22	3949.74
225.0	4091.37	4093.12	4081.42	4054.50	4024.07	3988.95	3944.48	3885.37	3825.67
270.0	4106.00	4098.97	4091.37	4065.62	4038.70	3999.49	3956.18	3898.24	3837.96
315.0	4101.32	4091.37	4062.11	4034.01	3991.88	3945.65	3879.52	3815.73	3741.99
360.0	4069.71	4041.04	4007.09	3969.64	3910.53	3857.28	3790.56	3716.82	3605.04
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	3502.04	3388.51	3240.45	3103.51	2941.98	2806.80	2659.32	2508.92	2314.62
45.0	3705.70	3622.02	3497.95	3389.68	3270.88	3140.38	2971.25	2827.28	2681.56
90.0	3696.34	3581.05	3475.71	3358.08	3234.01	3065.47	2932.04	2791.58	2644.11
135.0	3820.99	3751.94	3662.98	3538.91	3424.21	3299.56	3170.81	3002.26	2860.64
180.0	3902.34	3833.28	3766.57	3686.98	3571.69	3461.66	3345.20	3222.31	3056.69
225.0	3753.11	3674.10	3557.64	3452.30	3309.51	3188.36	3061.96	2895.75	2754.71
270.0	3773.00	3674.10	3583.39	3483.32	3334.67	3216.46	3092.39	2924.43	2782.22
315.0	3638.40	3539.50	3431.82	3287.27	3162.61	3029.77	2860.05	2718.43	2569.78
360.0	3502.04	3388.51	3240.45	3103.51	2941.98	2806.80	2659.32	2508.92	2314.62
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	2156.03	1997.43	1846.44	1668.53	1530.42	1142.59	1142.59	1075.70	950.64
45.0	2489.02	2333.94	2131.45	1974.61	1831.23	1688.43	1515.79	1368.90	1229.62
90.0	2450.98	2298.82	2094.58	1938.32	1792.60	1616.45	1474.83	1153.95	1153.95
135.0	2720.18	2541.11	2385.44	2226.25	2024.94	1878.63	1735.84	1559.10	1411.62
180.0	2922.09	2781.05	2588.51	2436.94	2240.30	2079.95	1931.89	1784.99	1607.09
225.0	2608.99	2415.28	2257.86	2102.77	1951.78	1770.95	1634.01	1497.65	1154.94
270.0	2645.86	2493.12	2294.73	2137.30	1979.87	1832.98	1655.07	1522.81	1385.29
315.0	2415.87	2215.14	2054.78	1903.21	1758.07	1586.02	1449.08	1147.57	1147.57
360.0	2156.03	1997.43	1846.44	1668.53	1530.42	1142.59	1142.59	1075.70	950.64
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	824.58	678.33	576.97	454.37	365.24	280.91	189.55	128.98	87.67
45.0	1092.09	929.40	805.91	690.62	560.12	460.63	369.92	306.72	306.72
90.0	1020.16	891.71	770.45	657.73	527.23	428.38	338.08	257.50	170.18
135.0	1267.66	1096.77	956.90	832.83	719.30	580.02	479.36	386.89	299.69
180.0	1471.31	1332.62	1192.16	1026.54	894.28	768.46	625.08	519.15	422.59
225.0	1154.94	1054.52	922.90	770.92	652.99	543.03	419.02	331.30	252.64
270.0	1213.23	1080.97	929.40	801.82	682.43	575.92	450.10	358.22	295.01
315.0	1016.36	859.64	748.62	636.26	503.18	408.43	321.23	244.33	160.82
360.0	824.58	678.33	576.97	454.37	365.24	280.91	189.55	128.98	87.67
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	68.82	60.80	52.85	48.46	45.18	42.37	39.44	37.34	34.88
45.0	126.70	78.77	66.66	58.93	51.97	47.93	44.89	42.31	39.44
90.0	116.23	78.71	64.20	57.06	50.68	46.99	44.18	41.61	38.86
135.0	299.69	137.00	89.01	67.71	59.69	53.90	48.40	45.41	42.78
180.0	334.22	313.74	219.99	106.16	70.99	62.21	54.19	49.63	46.17
225.0	168.37	111.72	77.19	65.90	56.88	51.68	47.81	44.77	41.67
270.0	295.01	122.84	81.23	65.37	58.17	51.27	47.46	44.59	41.55
315.0	106.80	74.56	63.67	56.65	50.15	46.64	43.83	40.85	38.68
360.0	68.82	60.80	52.85	48.46	45.18	42.37	39.44	37.34	34.88

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	33.30	31.84	30.26	29.14	28.15	27.21	26.57	26.10	25.69
45.0	37.45	35.58	34.00	32.19	30.96	29.79	28.68	27.97	27.39
90.0	36.87	35.11	33.59	31.84	30.55	29.50	28.56	27.62	27.04
135.0	39.91	37.86	35.93	34.24	32.36	31.02	29.90	28.91	27.86
180.0	43.42	40.38	38.22	36.28	34.53	33.01	31.31	30.02	28.97
225.0	39.50	37.51	35.23	33.65	32.01	30.78	29.73	28.79	27.86
270.0	39.39	36.93	35.23	33.77	32.07	30.84	29.79	28.85	27.86
315.0	36.23	34.59	33.01	31.31	30.14	29.14	28.32	27.33	26.69
360.0	33.30	31.84	30.26	29.14	28.15	27.21	26.57	26.10	25.69
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	25.46	25.40	25.52	25.52	25.52	25.40	25.28	24.99	24.64
45.0	26.74	26.39	26.22	26.22	26.16	26.16	26.16	26.16	26.10
90.0	26.45	26.16	26.22	26.51	26.69	26.80	26.86	26.80	26.92
135.0	27.21	26.63	25.98	25.81	25.93	26.22	26.34	26.39	26.34
180.0	27.80	27.10	26.39	25.87	25.63	25.52	25.57	25.69	25.75
225.0	27.21	26.69	26.28	26.10	25.98	26.04	26.04	26.16	26.16
270.0	27.21	26.74	26.34	26.04	25.93	25.98	26.10	26.16	26.34
315.0	26.22	25.87	25.57	25.57	25.57	25.63	25.63	25.52	25.28
360.0	25.46	25.40	25.52	25.52	25.52	25.40	25.28	24.99	24.64
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	24.17	23.17	22.12	21.07	20.25	19.96	19.84	19.84	20.01
45.0	25.87	25.57	24.93	24.23	23.35	22.59	22.82	23.94	24.17
90.0	27.74	28.62	28.79	28.85	28.73	28.91	29.14	28.38	27.45
135.0	26.28	25.93	25.52	24.70	23.82	22.82	21.42	20.66	20.07
180.0	25.69	25.63	25.46	25.16	24.40	23.64	22.77	21.19	20.37
225.0	25.93	25.57	25.16	24.29	23.29	22.24	21.36	20.95	20.89
270.0	27.51	28.68	29.50	29.85	30.02	30.14	30.61	31.60	32.19
315.0	24.99	24.46	23.58	22.65	21.30	20.42	19.61	18.96	18.49
360.0	24.17	23.17	22.12	21.07	20.25	19.96	19.84	19.84	20.01
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	19.96	19.78	19.55	19.20	18.73	17.67	16.21	14.40	12.29
45.0	24.29	24.81	24.64	24.76	24.64	24.05	23.12	21.77	19.31
90.0	26.69	25.46	24.76	23.76	23.12	22.18	20.95	19.84	18.26
135.0	19.43	18.96	18.61	18.32	18.08	17.79	17.32	16.80	16.21
180.0	19.61	19.08	18.79	18.79	18.67	18.43	18.38	17.97	17.50
225.0	20.89	20.95	20.78	20.83	20.72	20.42	19.96	19.61	19.14
270.0	32.01	31.43	30.67	29.85	28.91	27.92	27.10	25.98	25.22
315.0	18.08	17.85	17.62	17.38	17.09	16.80	16.21	15.57	14.86
360.0	19.96	19.78	19.55	19.20	18.73	17.67	16.21	14.40	12.29
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	11.18	10.42	10.24	9.95	9.60	9.36	9.25	9.25	9.25
45.0	15.27	12.52	11.24	10.65	10.18	9.71	9.48	9.31	9.19
90.0	14.86	12.58	11.29	10.59	9.95	9.71	9.48	9.36	9.25
135.0	15.45	14.51	12.99	11.59	10.59	9.95	9.77	9.66	9.42
180.0	16.85	15.68	14.34	12.52	11.12	10.36	10.07	9.71	9.54
225.0	17.15	15.10	12.17	11.00	10.48	10.07	9.60	9.42	9.31
270.0	24.05	21.48	16.91	11.53	10.71	10.30	9.60	9.42	9.31
315.0	13.46	12.29	11.24	10.53	10.30	9.89	9.48	9.31	9.25
360.0	11.18	10.42	10.24	9.95	9.60	9.36	9.25	9.25	9.25

Intensity data(cd)

<i>C/γ(°)</i>	90.0
0.0	9.25
45.0	9.25
90.0	9.19
135.0	9.25
180.0	9.36
225.0	9.19
270.0	9.25
315.0	9.25
360.0	9.25