



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: 2-2639-L

Luminaire: 92.70.412.00

Report No: 20231116-B020

Ballast type: AC

Test No: 20231116-C020

Voltage(V): 34.620

LampCAT: Fortimo_SLM_C_1210

Current(A): 0.720

Lamp flux(lm): 4030.4

Power (W): 24.926

Number of Lamps: 1

PF: 0.000

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 3795.56, Efficiency(%): 94.17% , Luminous Efficacy(lm/W): 152.27

Central intensity(cd): 14707.450, Maximum intensity(cd): 14707.450

Angle of maximum intensity: C=0.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=21.8

[C90/270]Total=21.8

Field angle(10%Imax): [C0/180]Total=55.8

[C90/270]Total=55.8

Beam angle of C0 plane : 21.76

Aveage BeamAngle(IEC 61341):21.76

Maximum s/h(1/2): C0_180=0.37 C90_270=0.37

Maximum s/h(1/4): C0_180=0.41 C90_270=0.41

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 94.17%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 97.878%

Equipment: GMS1980
Temperature(°C): 0.0

Date: 2023/11/16
Humidity(%): 0.0%

Operator: NT07
Distance(m): 7.44

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	14707.452	0.000	0	0.00%	0.00%
1.0	14623.729	14.034	14.034	0.35%	0.37%
2.0	14358.032	41.597	55.632	1.03%	1.47%
3.0	13965.713	67.741	123.373	1.68%	3.25%
4.0	13157.136	90.789	214.162	2.25%	5.64%
5.0	12506.869	110.405	324.567	2.74%	8.55%
6.0	11443.457	125.865	450.432	3.12%	11.87%
7.0	10757.972	137.804	588.236	3.42%	15.50%
8.0	9902.551	147.863	736.1	3.67%	19.39%
9.0	8993.576	153.143	889.242	3.80%	23.43%
10.0	8079.481	154.505	1043.747	3.83%	27.50%
11.0	7253.951	153.212	1196.96	3.80%	31.54%
12.0	6484.951	150.186	1347.146	3.73%	35.49%
13.0	5813.373	145.950	1493.096	3.62%	39.34%
14.0	5221.090	141.240	1634.336	3.50%	43.06%
15.0	4691.010	136.078	1770.414	3.38%	46.64%
16.0	4209.295	130.414	1900.828	3.24%	50.08%
17.0	3783.349	124.467	2025.295	3.09%	53.36%
18.0	3412.065	118.637	2143.932	2.94%	56.49%
19.0	3110.250	113.475	2257.407	2.82%	59.47%
20.0	2867.109	109.402	2366.809	2.71%	62.36%
21.0	2688.455	106.678	2473.487	2.65%	65.17%
22.0	2469.393	103.649	2577.136	2.57%	67.90%
23.0	2278.147	99.616	2676.752	2.47%	70.52%
24.0	2083.510	95.361	2772.114	2.37%	73.04%
25.0	1944.987	91.599	2863.713	2.27%	75.45%
26.0	1814.283	88.738	2952.451	2.20%	77.79%
27.0	1661.853	85.044	3037.495	2.11%	80.03%
28.0	1449.303	78.768	3116.263	1.95%	82.10%
29.0	1315.278	72.329	3188.593	1.79%	84.01%
30.0	1162.557	66.901	3255.494	1.66%	85.77%
31.0	1053.310	61.664	3317.158	1.53%	87.40%
32.0	911.411	56.287	3373.445	1.40%	88.88%
33.0	764.378	49.369	3422.814	1.22%	90.18%
34.0	629.972	42.197	3465.011	1.05%	91.29%
35.0	508.928	35.370	3500.381	0.88%	92.22%
36.0	398.816	28.903	3529.284	0.72%	92.98%
37.0	310.935	23.148	3552.432	0.57%	93.59%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	251.665	18.779	3571.211	0.47%	94.09%
39.0	188.306	15.017	3586.229	0.37%	94.48%
40.0	157.578	12.063	3598.292	0.30%	94.80%
41.0	119.308	9.860	3608.151	0.24%	95.06%
42.0	107.677	8.247	3616.398	0.20%	95.28%
43.0	97.872	7.614	3624.012	0.19%	95.48%
44.0	88.836	7.047	3631.059	0.17%	95.67%
45.0	81.813	6.558	3637.617	0.16%	95.84%
46.0	75.731	6.161	3643.779	0.15%	96.00%
47.0	71.129	5.841	3649.62	0.14%	96.15%
48.0	67.310	5.596	3655.216	0.14%	96.30%
49.0	63.843	5.386	3660.602	0.13%	96.44%
50.0	60.910	5.201	3665.803	0.13%	96.58%
51.0	58.633	5.058	3670.861	0.13%	96.71%
52.0	56.661	4.947	3675.808	0.12%	96.84%
53.0	55.284	4.870	3680.678	0.12%	96.97%
54.0	54.330	4.831	3685.509	0.12%	97.10%
55.0	53.783	4.826	3690.335	0.12%	97.23%
56.0	53.617	4.853	3695.188	0.12%	97.36%
57.0	53.665	4.905	3700.094	0.12%	97.48%
58.0	53.658	4.963	3705.057	0.12%	97.62%
59.0	53.146	4.993	3710.05	0.12%	97.75%
60.0	51.797	4.958	3715.008	0.12%	97.88%
61.0	49.583	4.838	3719.846	0.12%	98.01%
62.0	46.262	4.618	3724.464	0.11%	98.13%
63.0	42.401	4.312	3728.776	0.11%	98.24%
64.0	38.415	3.966	3732.742	0.10%	98.34%
65.0	35.011	3.634	3736.376	0.09%	98.44%
66.0	32.230	3.355	3739.731	0.08%	98.53%
67.0	30.348	3.147	3742.877	0.08%	98.61%
68.0	28.978	3.005	3745.882	0.07%	98.69%
69.0	27.864	2.900	3748.782	0.07%	98.77%
70.0	26.971	2.816	3751.598	0.07%	98.84%
71.0	26.078	2.742	3754.34	0.07%	98.91%
72.0	25.345	2.674	3757.014	0.07%	98.98%
73.0	24.542	2.609	3759.623	0.06%	99.05%
74.0	23.864	2.545	3762.168	0.06%	99.12%
75.0	23.207	2.487	3764.655	0.06%	99.19%

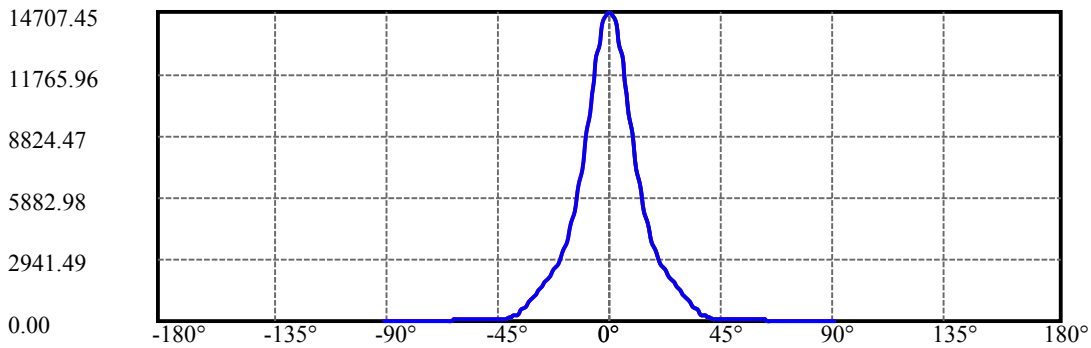
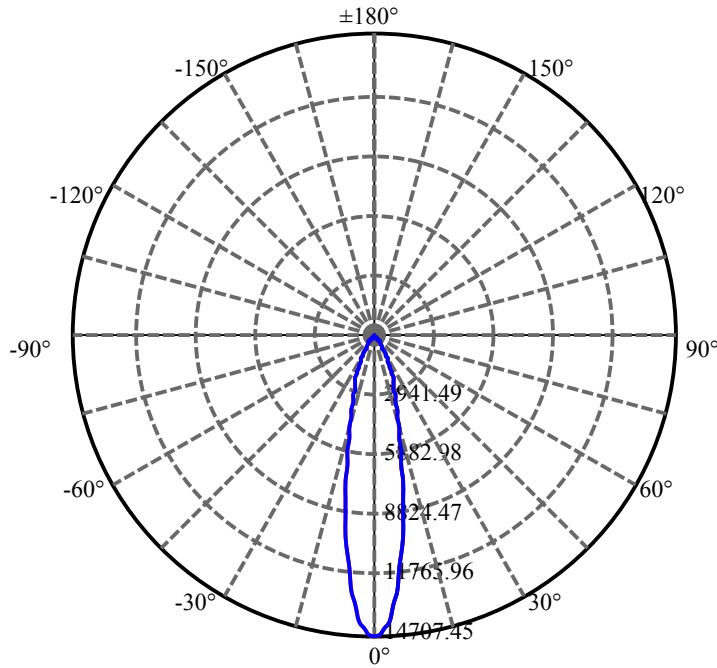
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	22.591	2.431	3767.086	0.06%	99.25%
77.0	21.989	2.377	3769.463	0.06%	99.31%
78.0	21.408	2.323	3771.786	0.06%	99.37%
79.0	20.806	2.268	3774.054	0.06%	99.43%
80.0	20.232	2.212	3776.266	0.05%	99.49%
81.0	19.630	2.156	3778.422	0.05%	99.55%
82.0	19.062	2.098	3780.52	0.05%	99.60%
83.0	18.495	2.042	3782.562	0.05%	99.66%
84.0	17.955	1.986	3784.548	0.05%	99.71%
85.0	17.512	1.936	3786.483	0.05%	99.76%
86.0	17.070	1.890	3788.374	0.05%	99.81%
87.0	16.696	1.848	3790.222	0.05%	99.86%
88.0	16.336	1.809	3792.031	0.04%	99.91%
89.0	16.087	1.777	3793.808	0.04%	99.95%
90.0	15.949	1.756	3795.565	0.04%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	3255.49	80.77%	85.77%
0-40	3598.29	89.28%	94.80%
0-60	3715.01	92.17%	97.88%
0-90	3793.81	94.13%	99.95%
0-120	3793.81	94.13%	99.95%
0-180	3795.56	94.17%	100.00%
60-90	78.80	1.96%	2.08%
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%
0-26.99	3036.45	75.34%	80.00%

ZONAL LUMEN SUMMARY

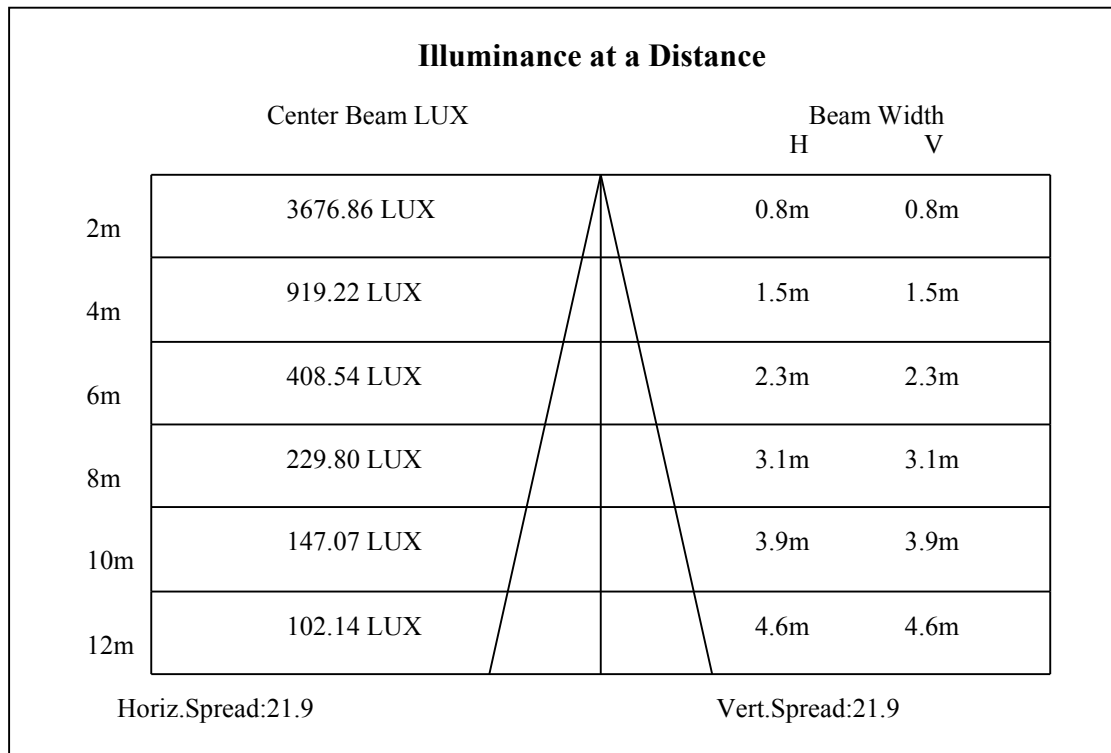
0-10	1043.75
10-20	1323.06
20-30	888.68
30-40	342.80
40-50	67.51
50-60	49.20
60-70	36.59
70-80	24.67
80-90	17.54
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

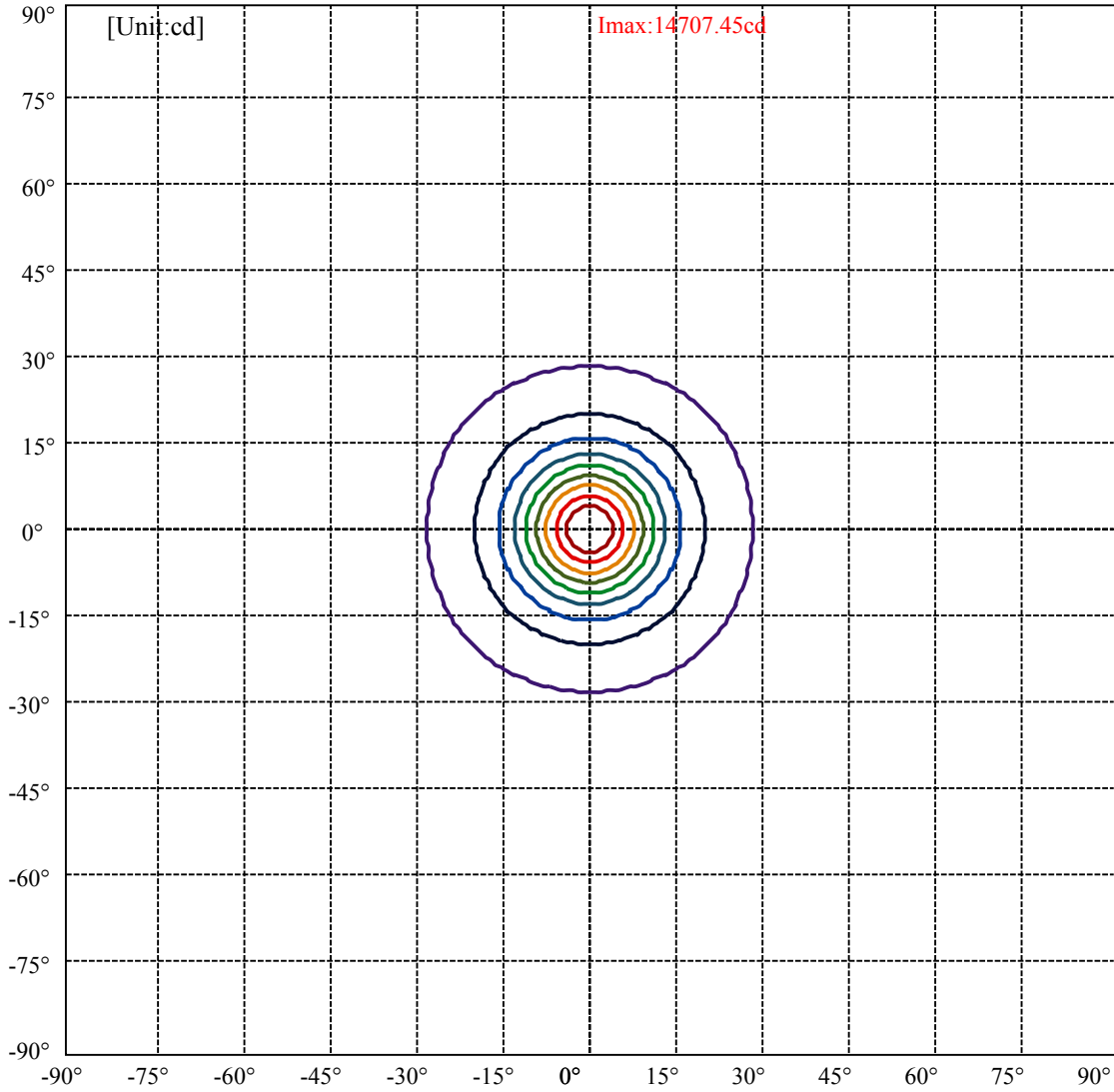


C0(Max): —————
C0/C180: —————
C90/C270: —————

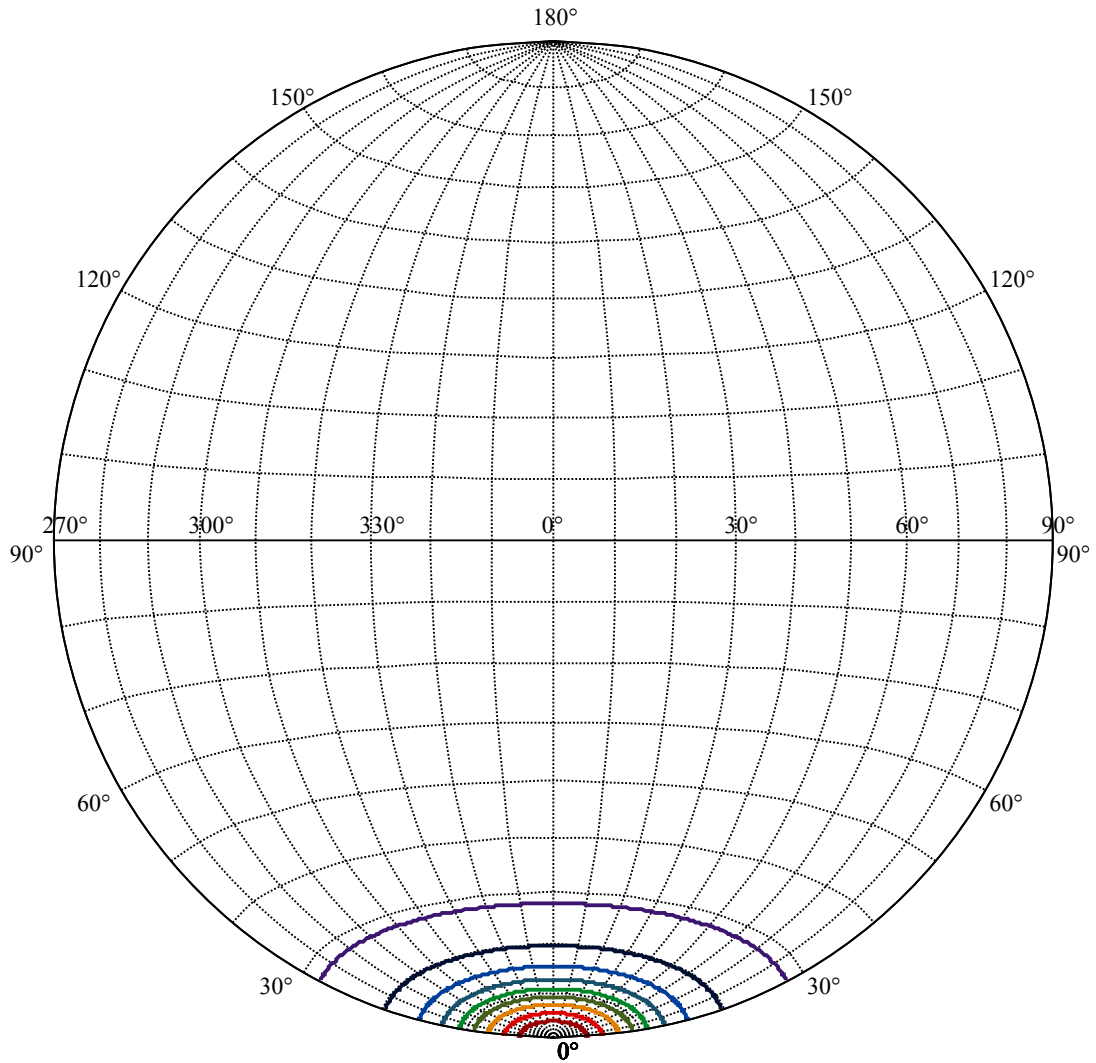
Field angle(10%Imax):C0/180Left:27.9 Right:27.9
:C90/270Left:27.9 Right:27.9

Beam Angle(50%Imax):C0/180Left:10.9 Right:10.9
:C90/270Left:10.9 Right:10.9





(10%Imax) 1470.75	—
(20%Imax) 2941.49	—
(30%Imax) 4412.24	—
(40%Imax) 5882.98	—
(50%Imax) 7353.73	—
(60%Imax) 8824.47	—
(70%Imax) 10295.2	—
(80%Imax) 11766	—
(90%Imax) 13236.7	—



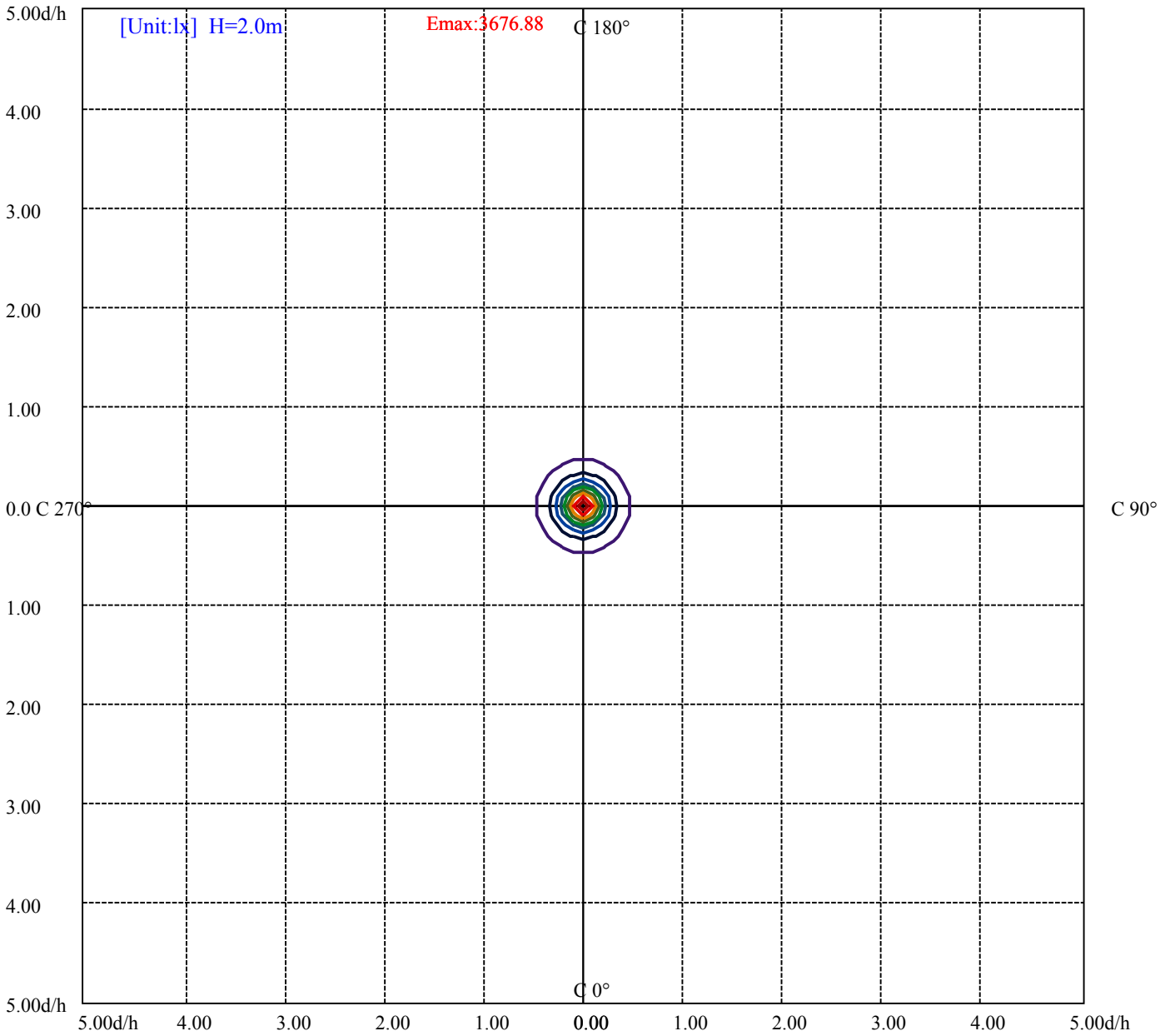
House

[Unit:cd]

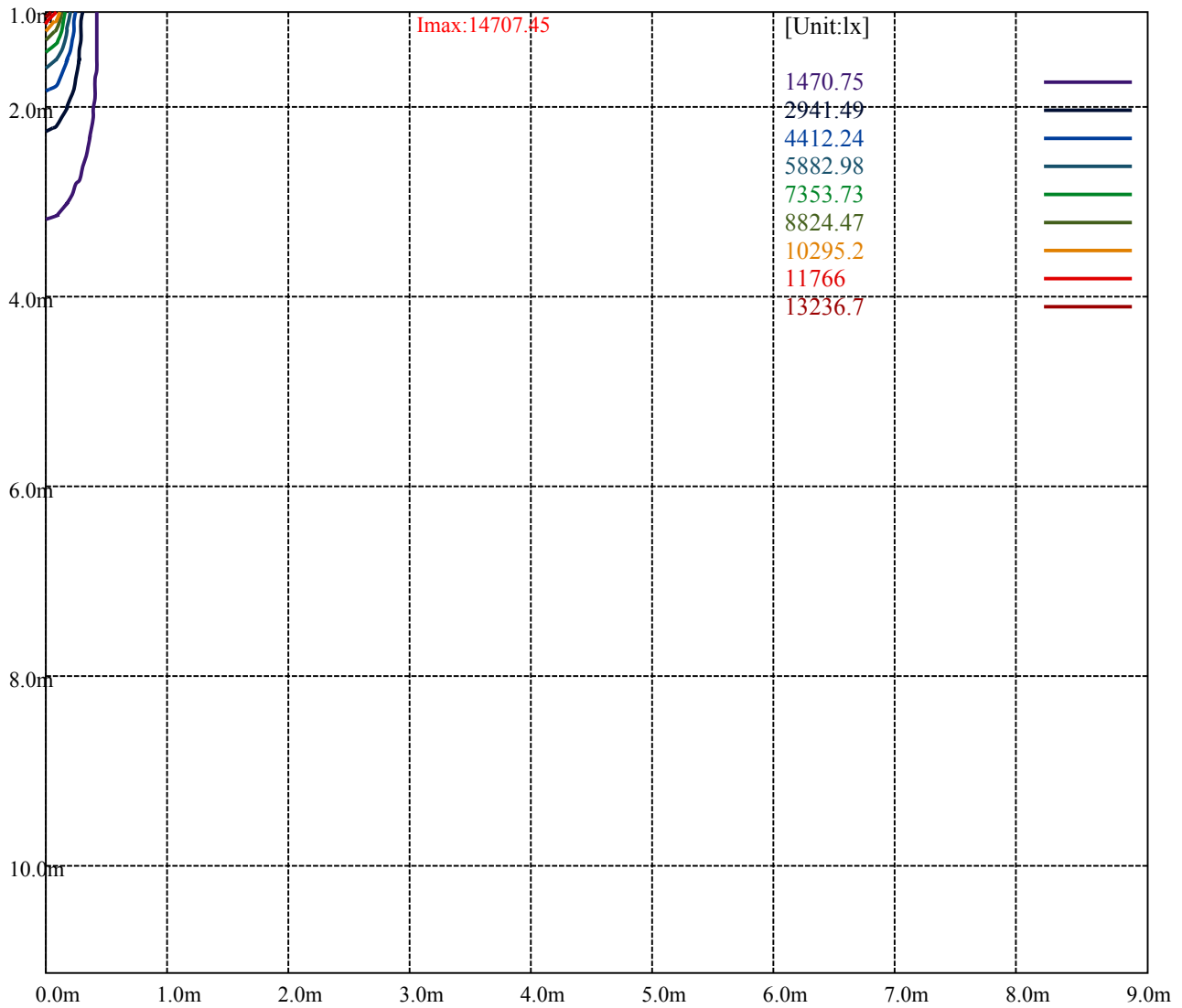
Road

Imax:14707.45

(10%Imax)	1470.75	—
(20%Imax)	2941.49	—
(30%Imax)	4412.24	—
(40%Imax)	5882.98	—
(50%Imax)	7353.73	—
(60%Imax)	8824.47	—
(70%Imax)	10295.2	—
(80%Imax)	11766	—
(90%Imax)	13236.7	—



(10%Emax) 367.685	—
(20%Emax) 735.3725	—
(30%Emax) 1103.057	—
(40%Emax) 1470.745	—
(50%Emax) 1838.43	—
(60%Emax) 2206.115	—
(70%Emax) 2573.8	—
(80%Emax) 2941.5	—
(90%Emax) 3309.175	—



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

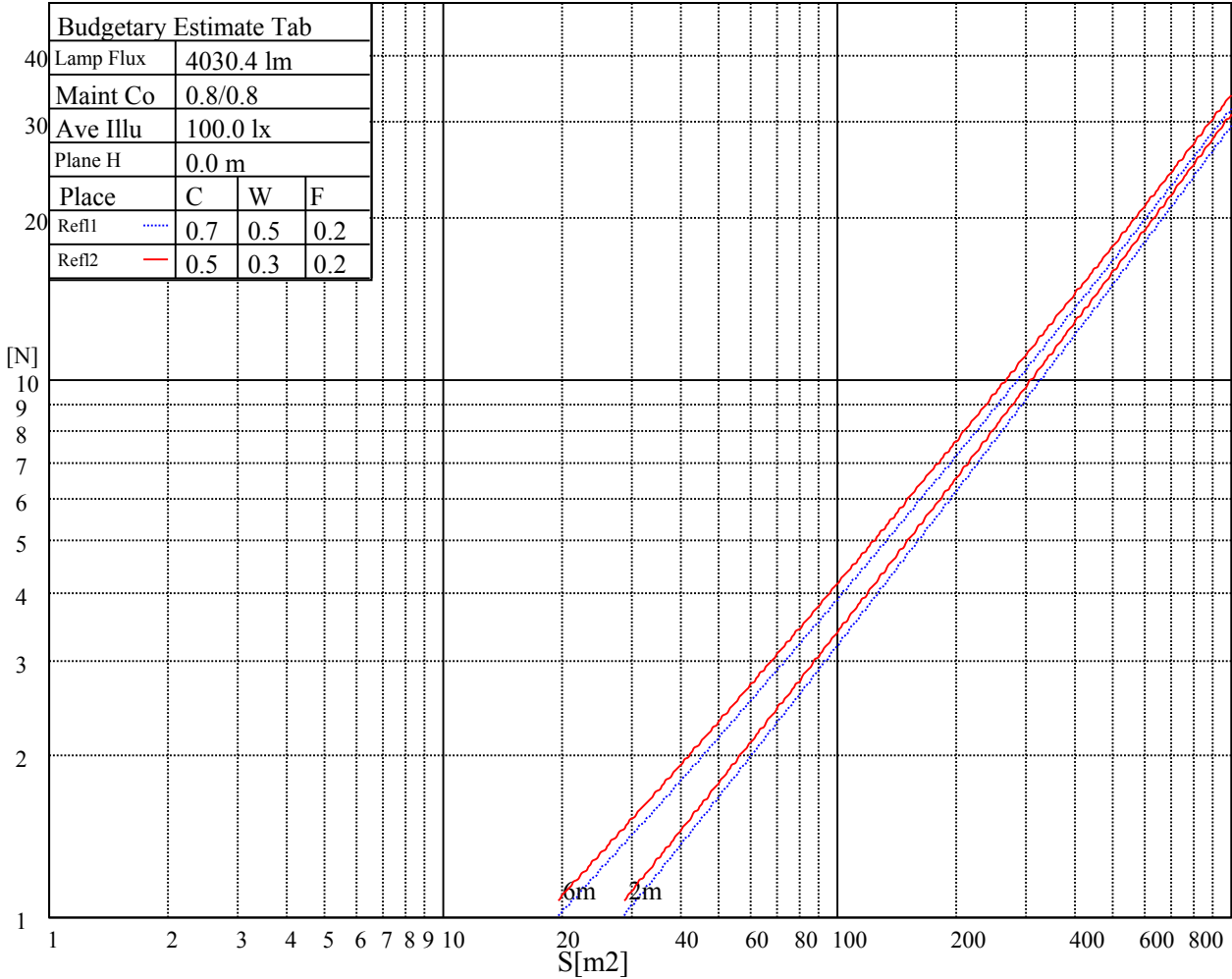
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

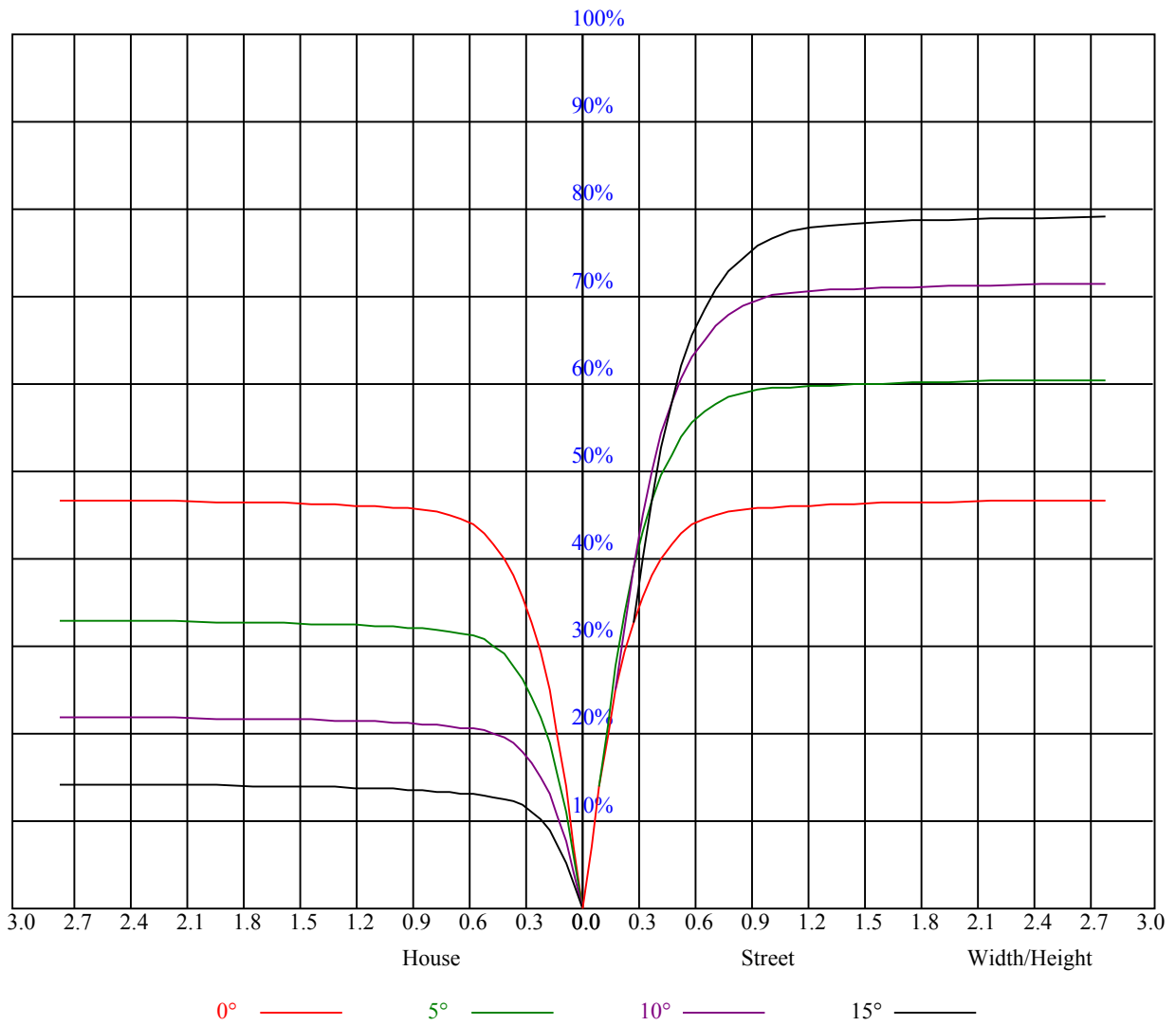


Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	3H	非数字	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	1.12	1.12	1.12	1.10	1.10	1.10	1.05	1.05	1.05	1.00	1.00	1.00	0.96	0.96	0.96	0.94
1	1.05	1.03	1.01	1.03	1.01	0.99	0.99	0.98	0.96	0.96	0.95	0.94	0.93	0.92	0.91	0.89
2	0.99	0.96	0.93	0.97	0.94	0.92	0.94	0.92	0.90	0.92	0.90	0.88	0.89	0.88	0.86	0.85
3	0.94	0.90	0.87	0.93	0.89	0.86	0.90	0.87	0.85	0.88	0.85	0.83	0.86	0.84	0.82	0.81
4	0.89	0.85	0.81	0.88	0.84	0.81	0.86	0.83	0.80	0.84	0.81	0.79	0.83	0.80	0.78	0.77
5	0.85	0.80	0.77	0.84	0.80	0.77	0.83	0.79	0.76	0.81	0.78	0.75	0.80	0.77	0.75	0.74
6	0.81	0.77	0.73	0.81	0.76	0.73	0.79	0.76	0.73	0.78	0.75	0.72	0.77	0.74	0.72	0.71
7	0.78	0.73	0.70	0.77	0.73	0.70	0.76	0.72	0.70	0.75	0.72	0.69	0.74	0.71	0.69	0.68
8	0.75	0.70	0.67	0.74	0.70	0.67	0.74	0.70	0.67	0.73	0.69	0.67	0.72	0.69	0.66	0.65
9	0.72	0.68	0.65	0.72	0.67	0.64	0.71	0.67	0.64	0.70	0.67	0.64	0.69	0.66	0.64	0.63
10	0.70	0.65	0.62	0.69	0.65	0.62	0.69	0.65	0.62	0.68	0.64	0.62	0.67	0.64	0.62	0.61



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	14690.85	14364.26	13932.50	13351.29	12072.62	10950.05	10732.51	9846.30	8734.80
45.0	14773.88	14624.42	14319.98	13866.08	13074.52	12316.18	11286.60	10434.15	9554.03
90.0	14563.53	14209.27	13578.24	12902.92	10879.20	10879.20	10232.11	9365.28	8513.94
135.0	14801.55	14679.77	14292.30	13816.26	12991.49	12205.47	11364.09	10284.70	9404.58
180.0	14690.85	14784.95	14729.59	14541.39	14209.27	13572.70	12886.32	11873.35	10993.22
225.0	14773.88	14773.88	14602.28	14314.44	13855.01	13196.30	10852.07	10852.07	10375.48
270.0	14563.53	14757.27	14818.16	14679.77	14419.61	13849.47	13201.83	12415.81	11336.42
315.0	14801.55	14796.02	14591.21	14253.55	13755.37	13085.59	10992.12	10992.12	10307.95
360.0	14690.85	14364.26	13932.50	13351.29	12072.62	10950.05	10732.51	9846.30	8734.80
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	7907.26	7150.58	6302.56	5694.78	5003.41	4530.69	4093.40	3706.48	3306.82
45.0	8701.59	7694.15	6980.09	6144.25	5568.57	5031.64	4539.00	4002.07	3642.27
90.0	7708.54	6781.92	6114.36	5506.58	4837.90	4369.06	3862.57	3513.85	3227.11
135.0	8557.67	7755.04	6852.78	6183.00	5590.71	5037.18	4428.29	3985.46	3614.59
180.0	10063.28	8939.61	8131.44	7323.28	6476.37	5867.48	5308.41	4788.09	4206.87
225.0	9204.20	8324.63	7534.18	6663.47	6031.33	5315.61	4795.28	4320.35	3905.75
270.0	10417.55	9493.14	8635.16	7588.98	6874.92	6221.74	5635.00	4965.22	4483.64
315.0	9388.52	8496.78	7481.04	6775.28	6123.77	5395.32	4866.13	4392.86	3879.73
360.0	7907.26	7150.58	6302.56	5694.78	5003.41	4530.69	4093.40	3706.48	3306.82
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	3031.72	2800.34	2599.41	2380.20	2225.21	2087.94	1963.39	1811.72	1677.77
45.0	3326.75	3049.98	2817.50	2817.50	2383.53	2195.32	2059.71	1936.27	1777.40
90.0	2924.33	2712.88	2523.02	2354.19	2205.84	2037.01	1915.79	1790.69	1653.97
135.0	3227.11	2972.49	2850.71	2850.71	2328.73	2179.82	2013.21	1888.11	1759.14
180.0	3780.65	3415.32	3110.87	2850.71	2850.71	2386.29	2182.04	2039.78	1920.22
225.0	3442.99	3132.46	2867.87	2645.35	2455.49	2244.03	2100.12	1942.91	1825.01
270.0	4035.28	3575.84	3265.86	2922.67	2806.43	2806.43	2291.09	2142.18	2012.10
315.0	3527.68	3222.69	2901.64	2686.31	2499.22	2288.32	2142.74	2008.23	1888.66
360.0	3031.72	2800.34	2599.41	2380.20	2225.21	2087.94	1963.39	1811.72	1677.77
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	1497.87	1098.05	1098.05	1027.64	890.09	754.69	629.43	484.12	380.17
45.0	1637.91	1495.65	1315.20	1170.18	1029.58	893.96	730.11	606.12	492.09
90.0	1470.19	1074.63	1074.63	1007.10	872.59	742.68	589.52	474.93	346.29
135.0	1619.65	1436.98	1294.17	1156.89	1020.17	853.00	727.35	578.45	468.84
180.0	1762.46	1634.04	1461.89	1319.08	1175.71	1034.56	899.50	738.97	616.64
225.0	1692.71	1517.24	1261.51	1080.28	1045.74	904.64	773.51	649.57	502.78
270.0	1890.33	1758.03	1584.77	1437.53	1290.85	1144.71	967.03	831.96	705.20
315.0	1723.71	1579.79	1432.00	1101.76	1101.76	963.04	798.59	675.65	559.40
360.0	1497.87	1098.05	1098.05	1027.64	890.09	754.69	629.43	484.12	380.17
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	289.94	202.54	157.59	134.12	120.34	106.67	97.70	89.89	81.70
45.0	386.92	298.91	298.91	162.74	135.51	122.44	109.54	99.97	92.05
90.0	262.60	197.56	155.65	135.84	119.84	109.77	100.25	92.16	83.86
135.0	366.44	298.91	298.91	146.96	124.16	112.31	102.96	94.77	85.58
180.0	503.16	400.21	290.05	290.05	203.48	129.97	116.69	105.61	94.71
225.0	397.99	308.32	232.60	163.68	133.01	118.40	106.67	95.04	87.29
270.0	558.52	451.13	331.01	288.39	288.39	135.01	120.01	107.77	97.70
315.0	424.95	329.91	248.59	184.66	135.89	119.90	107.61	97.75	87.79
360.0	289.94	202.54	157.59	134.12	120.34	106.67	97.70	89.89	81.70

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	76.33	71.13	67.70	64.71	62.00	59.84	57.51	56.29	55.41
45.0	85.63	78.77	74.34	70.41	67.09	63.38	61.00	59.12	57.51
90.0	78.27	72.79	69.08	65.82	62.33	60.06	58.23	56.57	55.69
135.0	79.82	74.84	70.80	67.37	63.60	61.06	59.01	56.96	55.80
180.0	87.07	79.21	74.01	69.91	66.31	62.44	59.84	57.62	55.96
225.0	78.66	73.07	68.58	63.99	60.94	58.23	55.96	53.69	52.42
270.0	87.62	80.54	74.62	69.86	65.04	61.89	59.28	56.90	54.63
315.0	81.09	75.50	69.91	66.42	63.44	60.39	58.23	56.13	54.86
360.0	76.33	71.13	67.70	64.71	62.00	59.84	57.51	56.29	55.41
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	54.86	54.74	54.86	54.86	54.14	52.81	49.60	46.11	41.90
45.0	56.18	55.80	55.46	55.24	55.08	54.41	52.70	49.60	44.84
90.0	55.24	55.19	55.08	54.74	54.14	52.48	49.26	45.39	40.57
135.0	54.97	54.63	54.58	54.58	54.58	53.91	52.25	48.93	45.39
180.0	54.74	53.69	53.36	53.42	53.91	53.86	53.69	52.86	50.87
225.0	51.53	50.93	51.04	51.53	51.81	52.03	51.59	50.37	47.38
270.0	53.14	51.92	51.26	51.37	51.81	52.03	52.25	51.98	50.54
315.0	53.97	53.36	53.31	53.58	53.80	53.64	53.03	51.42	48.60
360.0	54.86	54.74	54.86	54.86	54.14	52.81	49.60	46.11	41.90
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	37.31	33.99	31.83	30.28	28.84	27.84	27.01	26.24	25.30
45.0	40.68	36.92	34.04	31.50	30.17	29.06	28.06	26.90	26.13
90.0	36.42	33.49	30.83	29.50	28.40	27.51	26.40	25.63	24.91
135.0	41.24	37.31	33.54	31.55	29.95	28.56	27.57	26.74	25.74
180.0	47.11	42.90	39.13	35.15	32.22	30.44	29.28	28.29	27.18
225.0	43.73	38.91	34.82	32.22	30.22	28.73	27.79	26.96	26.18
270.0	47.99	44.39	40.24	35.32	32.49	30.44	28.78	27.90	26.85
315.0	44.73	39.41	35.65	32.33	30.50	29.23	28.01	27.12	26.35
360.0	37.31	33.99	31.83	30.28	28.84	27.84	27.01	26.24	25.30
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	24.63	24.02	23.30	22.69	22.14	21.48	20.98	20.48	19.76
45.0	25.35	24.41	23.80	23.03	22.42	21.86	21.31	20.70	20.15
90.0	24.24	23.47	22.92	22.31	21.64	21.09	20.59	19.87	19.32
135.0	25.08	24.13	23.53	22.97	22.36	21.81	21.20	20.59	20.04
180.0	26.35	25.57	24.74	24.02	23.41	22.69	22.09	21.37	20.87
225.0	25.46	24.63	24.02	23.30	22.69	22.20	21.48	20.92	20.43
270.0	26.07	25.35	24.52	23.86	23.25	22.64	22.03	21.48	20.92
315.0	25.57	24.74	24.08	23.47	22.81	22.14	21.59	21.03	20.37
360.0	24.63	24.02	23.30	22.69	22.14	21.48	20.98	20.48	19.76
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	19.21	18.65	18.21	17.71	17.33	16.88	16.50	16.16	16.11
45.0	19.54	18.93	18.32	17.82	17.44	16.99	16.66	16.16	15.94
90.0	18.65	18.21	17.71	17.33	16.88	16.55	16.16	15.89	15.89
135.0	19.32	18.76	18.10	17.60	17.16	16.77	16.38	16.05	15.83
180.0	20.31	19.71	19.10	18.54	18.05	17.55	17.16	16.77	16.38
225.0	19.76	19.21	18.65	18.05	17.60	17.16	16.83	16.50	16.16
270.0	20.43	19.82	19.21	18.49	17.99	17.49	17.05	16.72	16.33
315.0	19.82	19.21	18.65	18.10	17.66	17.16	16.83	16.44	16.05
360.0	19.21	18.65	18.21	17.71	17.33	16.88	16.50	16.16	16.11

Intensity data(cd)

C/ γ (°)	90.0
0.0	16.11
45.0	15.94
90.0	15.89
135.0	15.89
180.0	16.11
225.0	15.94
270.0	15.89
315.0	15.83
360.0	16.11