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Nata

Client:

LumCAT: 2-2756-L

Luminaire: 92.70.412.00

Report No: 2024820-B015

Ballast type:

Test No: 2024820-C015

LampCAT: Fortimo_SLM_C_1205

Lamp flux(lm): 2137.0

Number of Lamps: 1

Length(mm): 0

Phm Type: C

Voltage(V):

Current(A):

Power (W): 12.620

PF:

Width(mm): 0

Height(mm): 0

Photometric Results

Lumens(lm): 1960.62, Efficiency(%): 91.75% , Luminous Efficacy(lm/W): 155.36

Central intensity(cd): 4158.417, Maximum intensity(cd): 4158.417

Angle of maximum intensity: C=0.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=37.6

[C90/270]Total=37.6

Field angle(10%Imax): [C0/180]Total=68.2

[C90/270]Total=68.2

Maximum s/h(1/2): C0_180=0.60 C90_270=0.60

Maximum s/h(1/4): C0_180=0.63 C90_270=0.63

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 91.75%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 99.272%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	4158.417	0.000	0	0.00%	0.00%
1.0	4150.742	3.976	3.976	0.19%	0.20%
2.0	4126.150	11.880	15.856	0.56%	0.81%
3.0	4085.466	19.639	35.495	0.92%	1.81%
4.0	4038.541	27.194	62.689	1.27%	3.20%
5.0	3964.651	34.429	97.118	1.61%	4.95%
6.0	3882.950	41.241	138.359	1.93%	7.06%
7.0	3773.889	47.526	185.885	2.22%	9.48%
8.0	3658.002	53.189	239.074	2.49%	12.19%
9.0	3526.155	58.224	297.297	2.72%	15.16%
10.0	3391.806	62.605	359.902	2.93%	18.36%
11.0	3251.267	66.378	426.28	3.11%	21.74%
12.0	3108.638	69.523	495.803	3.25%	25.29%
13.0	2957.015	71.984	567.787	3.37%	28.96%
14.0	2802.678	73.724	641.511	3.45%	32.72%
15.0	2647.928	74.828	716.339	3.50%	36.54%
16.0	2498.539	75.410	791.749	3.53%	40.38%
17.0	2337.441	75.309	867.059	3.52%	44.22%
18.0	2195.713	74.742	941.8	3.50%	48.04%
19.0	2045.779	73.793	1015.594	3.45%	51.80%
20.0	1886.987	71.981	1087.574	3.37%	55.47%
21.0	1760.647	70.042	1157.616	3.28%	59.04%
22.0	1623.859	68.013	1225.629	3.18%	62.51%
23.0	1501.494	65.578	1291.208	3.07%	65.86%
24.0	1354.884	62.451	1353.658	2.92%	69.04%
25.0	1255.173	59.347	1413.005	2.78%	72.07%
26.0	1153.445	56.856	1469.861	2.66%	74.97%
27.0	1076.703	54.561	1524.422	2.55%	77.75%
28.0	981.460	52.108	1576.53	2.44%	80.41%
29.0	881.361	48.737	1625.267	2.28%	82.90%
30.0	782.032	44.911	1670.178	2.10%	85.19%
31.0	686.144	40.857	1711.035	1.91%	87.27%
32.0	592.577	36.634	1747.669	1.71%	89.14%
33.0	504.403	32.317	1779.987	1.51%	90.79%
34.0	421.098	28.008	1807.995	1.31%	92.22%
35.0	345.033	23.793	1831.788	1.11%	93.43%
36.0	284.008	20.029	1851.817	0.94%	94.45%
37.0	235.211	16.934	1868.751	0.79%	95.31%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	174.113	13.663	1882.414	0.64%	96.01%
39.0	121.682	10.096	1892.51	0.47%	96.53%
40.0	89.034	7.349	1899.859	0.34%	96.90%
41.0	70.894	5.695	1905.554	0.27%	97.19%
42.0	60.348	4.768	1910.322	0.22%	97.43%
43.0	51.360	4.138	1914.46	0.19%	97.65%
44.0	44.028	3.600	1918.061	0.17%	97.83%
45.0	39.100	3.195	1921.255	0.15%	97.99%
46.0	34.507	2.879	1924.134	0.13%	98.14%
47.0	30.585	2.589	1926.723	0.12%	98.27%
48.0	27.234	2.337	1929.06	0.11%	98.39%
49.0	24.350	2.118	1931.178	0.10%	98.50%
50.0	21.899	1.928	1933.107	0.09%	98.60%
51.0	19.895	1.768	1934.875	0.08%	98.69%
52.0	18.173	1.634	1936.508	0.08%	98.77%
53.0	16.669	1.516	1938.024	0.07%	98.85%
54.0	15.467	1.416	1939.441	0.07%	98.92%
55.0	14.264	1.327	1940.768	0.06%	98.99%
56.0	13.187	1.240	1942.008	0.06%	99.05%
57.0	12.457	1.173	1943.181	0.05%	99.11%
58.0	11.577	1.111	1944.292	0.05%	99.17%
59.0	10.926	1.052	1945.344	0.05%	99.22%
60.0	10.269	1.001	1946.345	0.05%	99.27%
61.0	9.698	0.953	1947.298	0.04%	99.32%
62.0	9.166	0.909	1948.207	0.04%	99.37%
63.0	8.712	0.869	1949.077	0.04%	99.41%
64.0	8.272	0.833	1949.91	0.04%	99.45%
65.0	7.806	0.796	1950.706	0.04%	99.49%
66.0	7.418	0.760	1951.465	0.04%	99.53%
67.0	7.043	0.727	1952.193	0.03%	99.57%
68.0	6.695	0.696	1952.888	0.03%	99.61%
69.0	6.347	0.665	1953.554	0.03%	99.64%
70.0	6.012	0.635	1954.189	0.03%	99.67%
71.0	5.677	0.604	1954.793	0.03%	99.70%
72.0	5.375	0.575	1955.367	0.03%	99.73%
73.0	5.053	0.545	1955.913	0.03%	99.76%
74.0	4.724	0.514	1956.427	0.02%	99.79%
75.0	4.442	0.484	1956.911	0.02%	99.81%

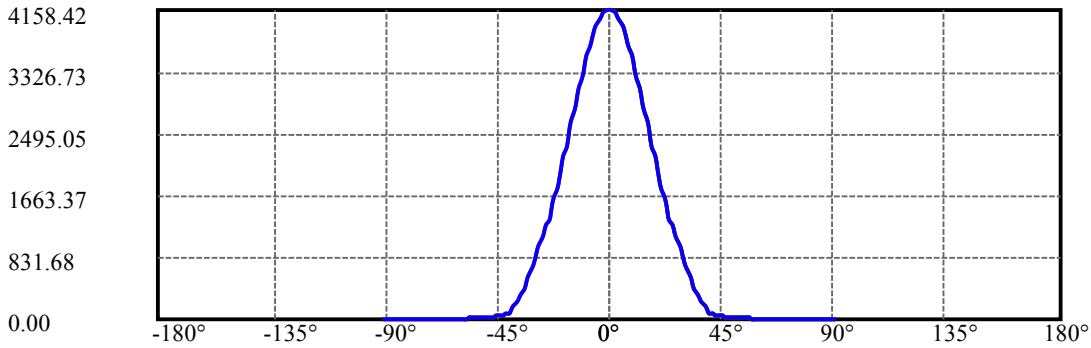
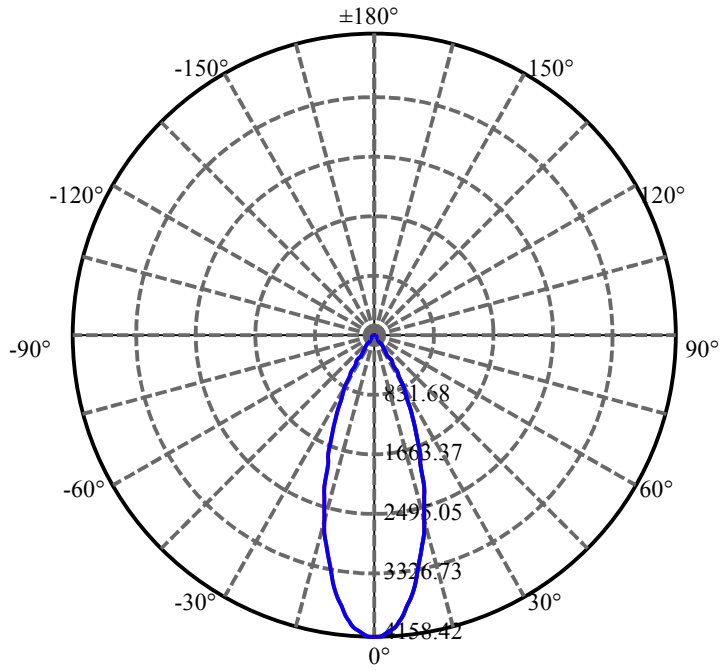
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	4.120	0.455	1957.365	0.02%	99.83%
77.0	3.765	0.420	1957.786	0.02%	99.86%
78.0	3.528	0.390	1958.176	0.02%	99.88%
79.0	3.173	0.360	1958.536	0.02%	99.89%
80.0	2.865	0.326	1958.862	0.02%	99.91%
81.0	2.582	0.295	1959.156	0.01%	99.93%
82.0	2.280	0.264	1959.42	0.01%	99.94%
83.0	2.030	0.234	1959.654	0.01%	99.95%
84.0	1.767	0.207	1959.861	0.01%	99.96%
85.0	1.551	0.181	1960.042	0.01%	99.97%
86.0	1.321	0.157	1960.199	0.01%	99.98%
87.0	1.137	0.135	1960.334	0.01%	99.99%
88.0	0.920	0.113	1960.446	0.01%	99.99%
89.0	0.756	0.092	1960.538	0.00%	100.00%
90.0	0.650	0.077	1960.615	0.00%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	1670.18	78.16%	85.19%
0-40	1899.86	88.90%	96.90%
0-60	1946.35	91.08%	99.27%
0-90	1960.54	91.74%	100.00%
0-120	1960.54	91.74%	100.00%
0-180	1960.62	91.75%	100.00%
60-90	14.19	0.66%	0.72%
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%
0-27.85	1568.49	73.40%	80.00%

ZONAL LUMEN SUMMARY

0-10	359.90
10-20	727.67
20-30	582.60
30-40	229.68
40-50	33.25
50-60	13.24
60-70	7.84
70-80	4.67
80-90	1.68
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: —————

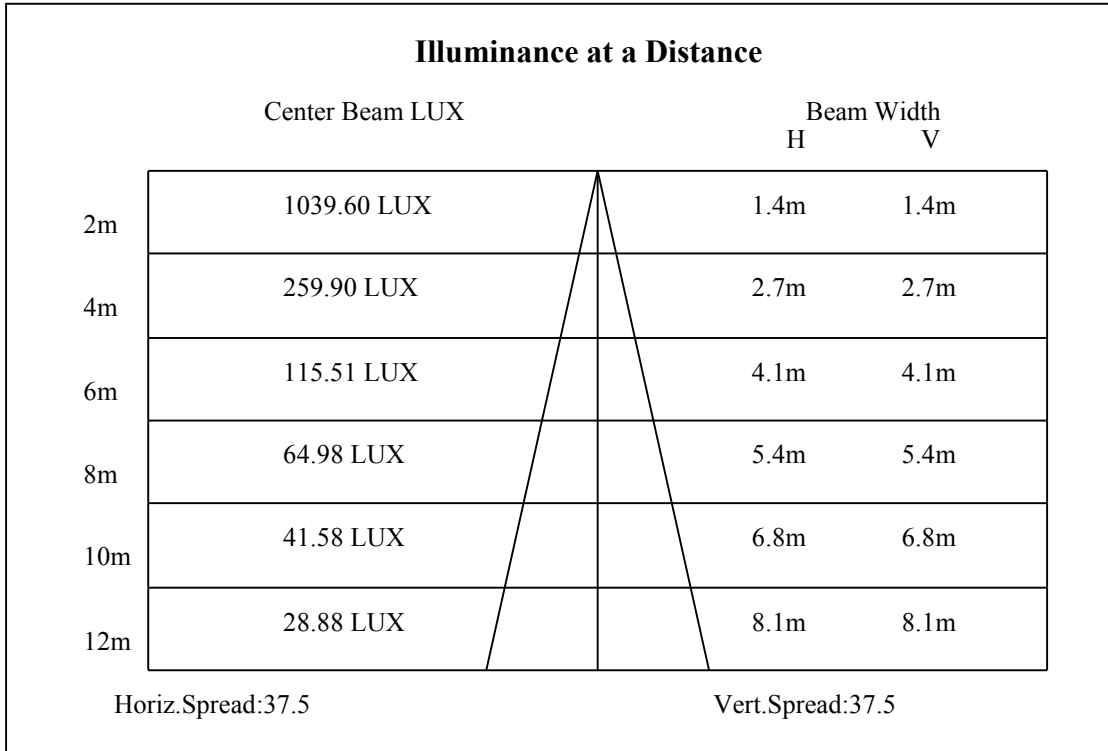
C90/C270: —————

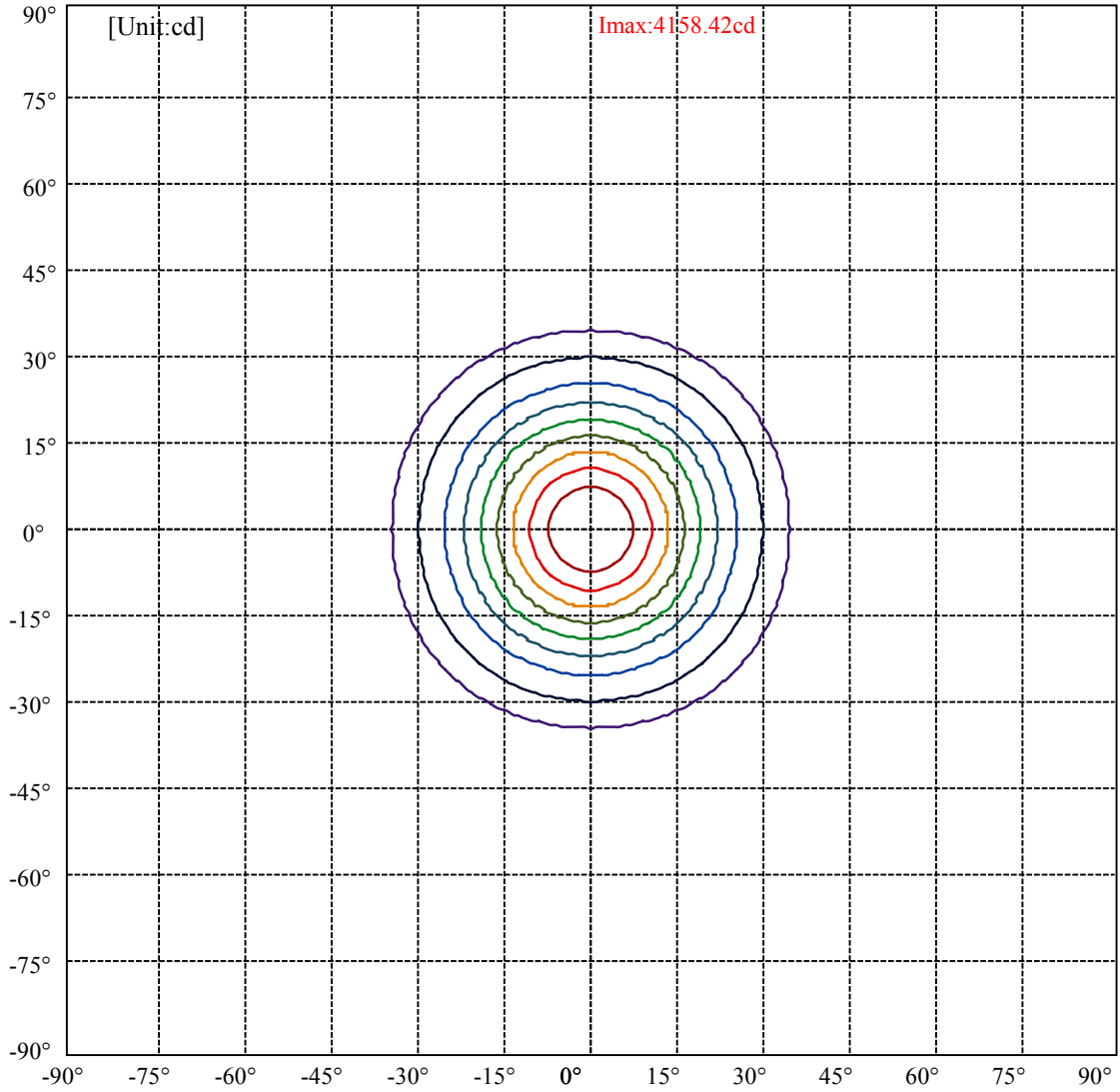
Field angle(10%Imax):C0/180Left:34.1 Right:34.1

:C90/270Left:34.1 Right:34.1

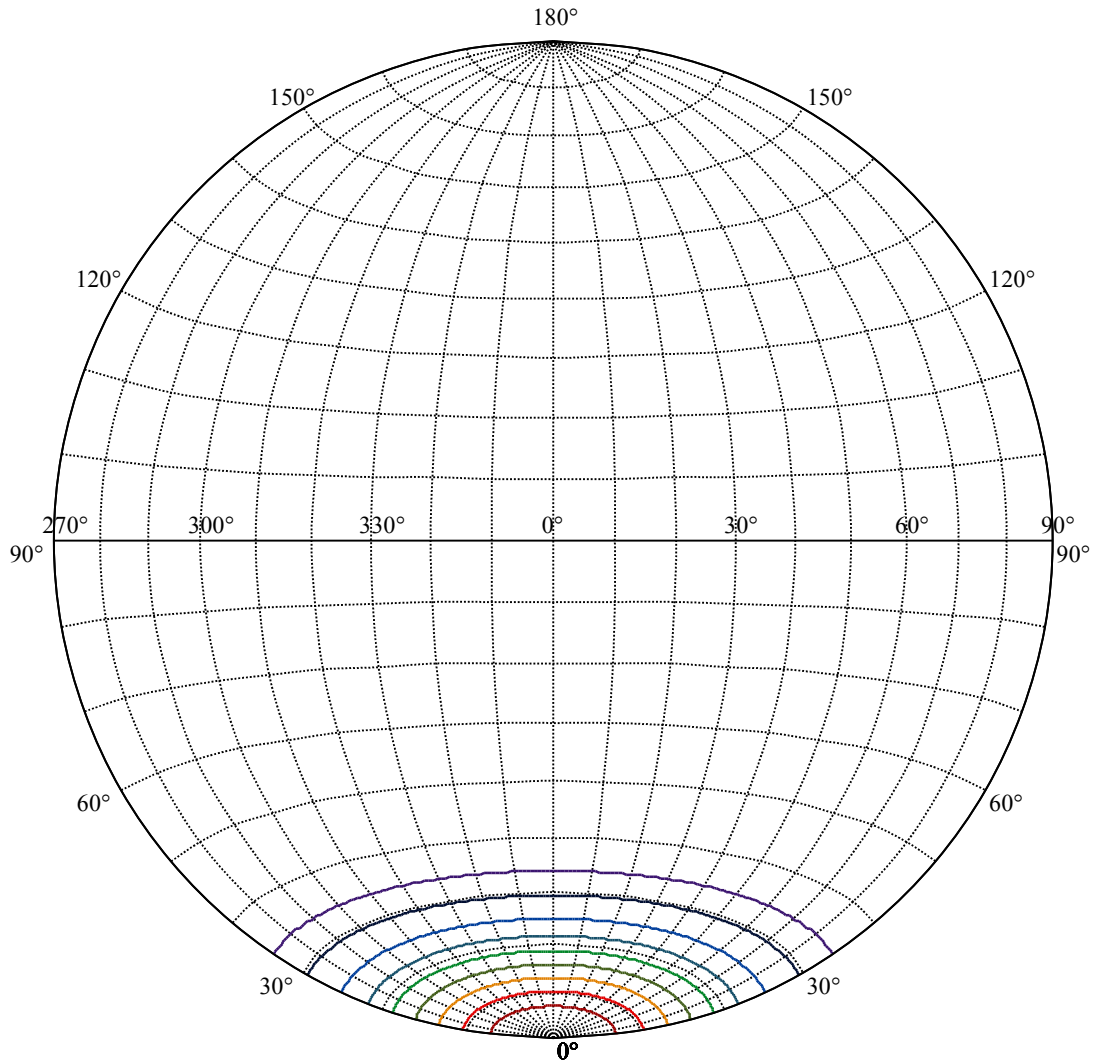
Beam Angle(50%Imax):C0/180Left:18.8 Right:18.8

:C90/270Left:18.8 Right:18.8





(10%Imax) 415.842	—
(20%Imax) 831.683	—
(30%Imax) 1247.53	—
(40%Imax) 1663.37	—
(50%Imax) 2079.21	—
(60%Imax) 2495.05	—
(70%Imax) 2910.89	—
(80%Imax) 3326.73	—
(90%Imax) 3742.58	—



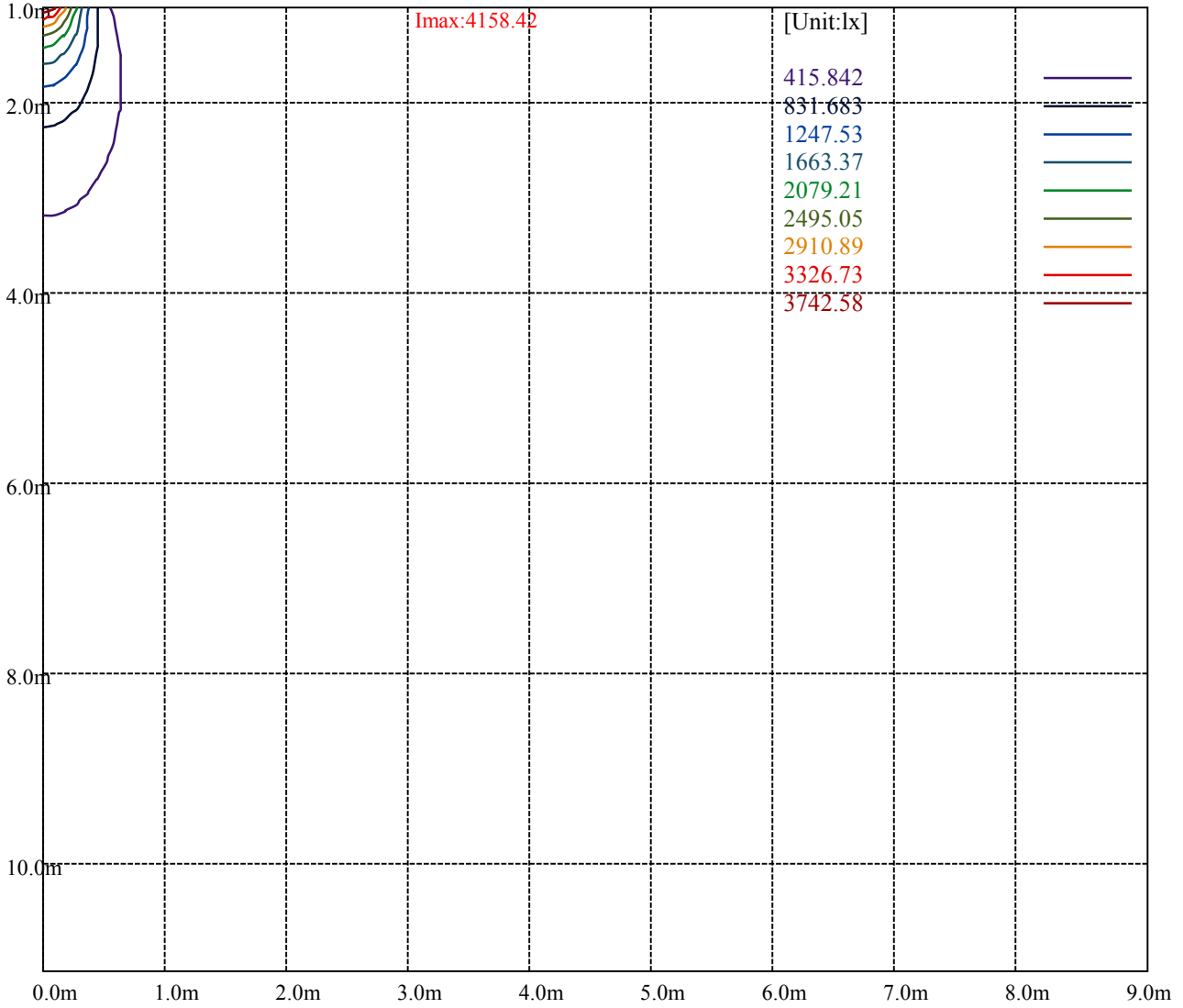
House

[Unit:cd]

Road

Imax:4158.42

(10%Imax) 415.842	—
(20%Imax) 831.683	—
(30%Imax) 1247.53	—
(40%Imax) 1663.37	—
(50%Imax) 2079.21	—
(60%Imax) 2495.05	—
(70%Imax) 2910.89	—
(80%Imax) 3326.73	—
(90%Imax) 3742.58	—



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

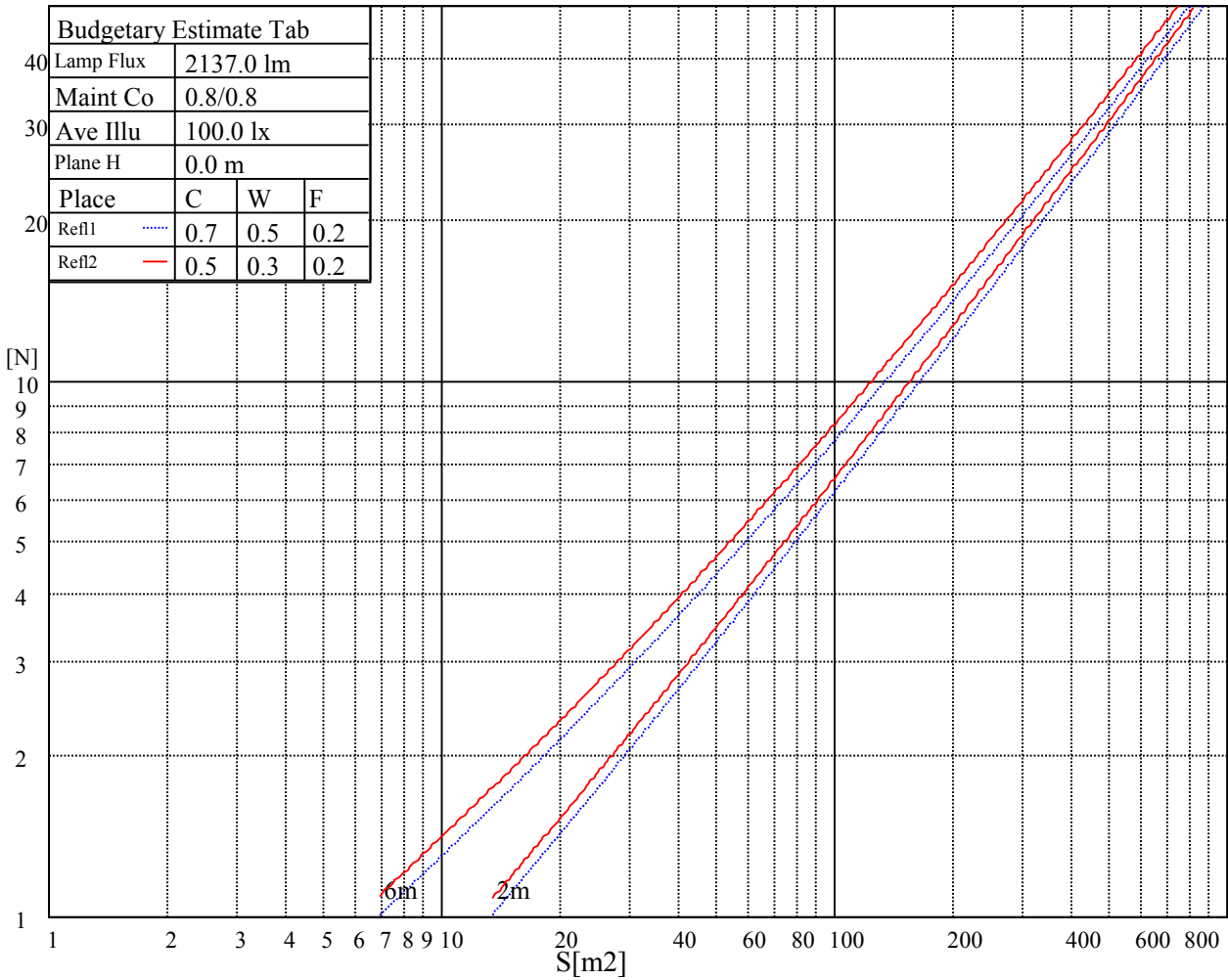
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

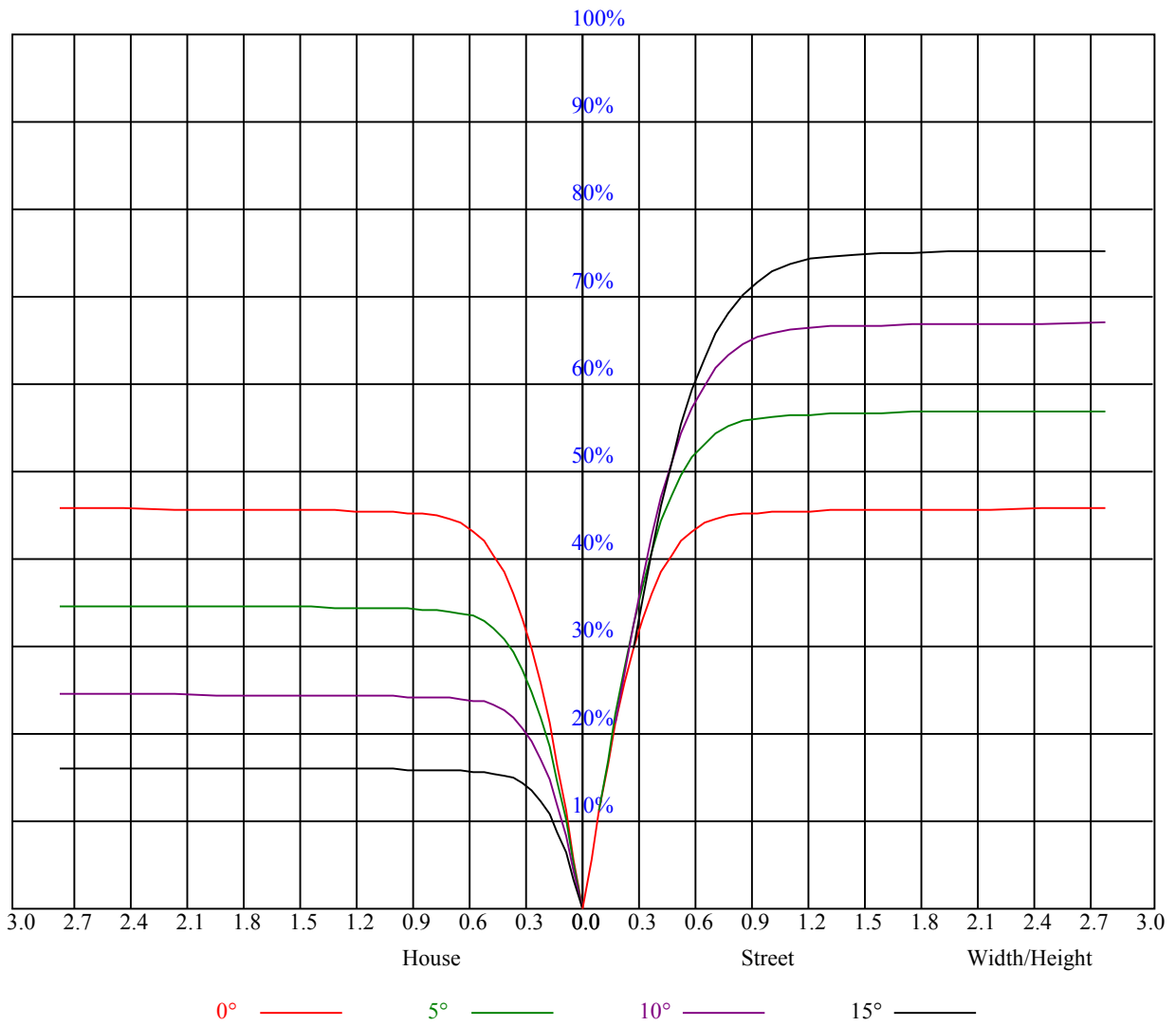


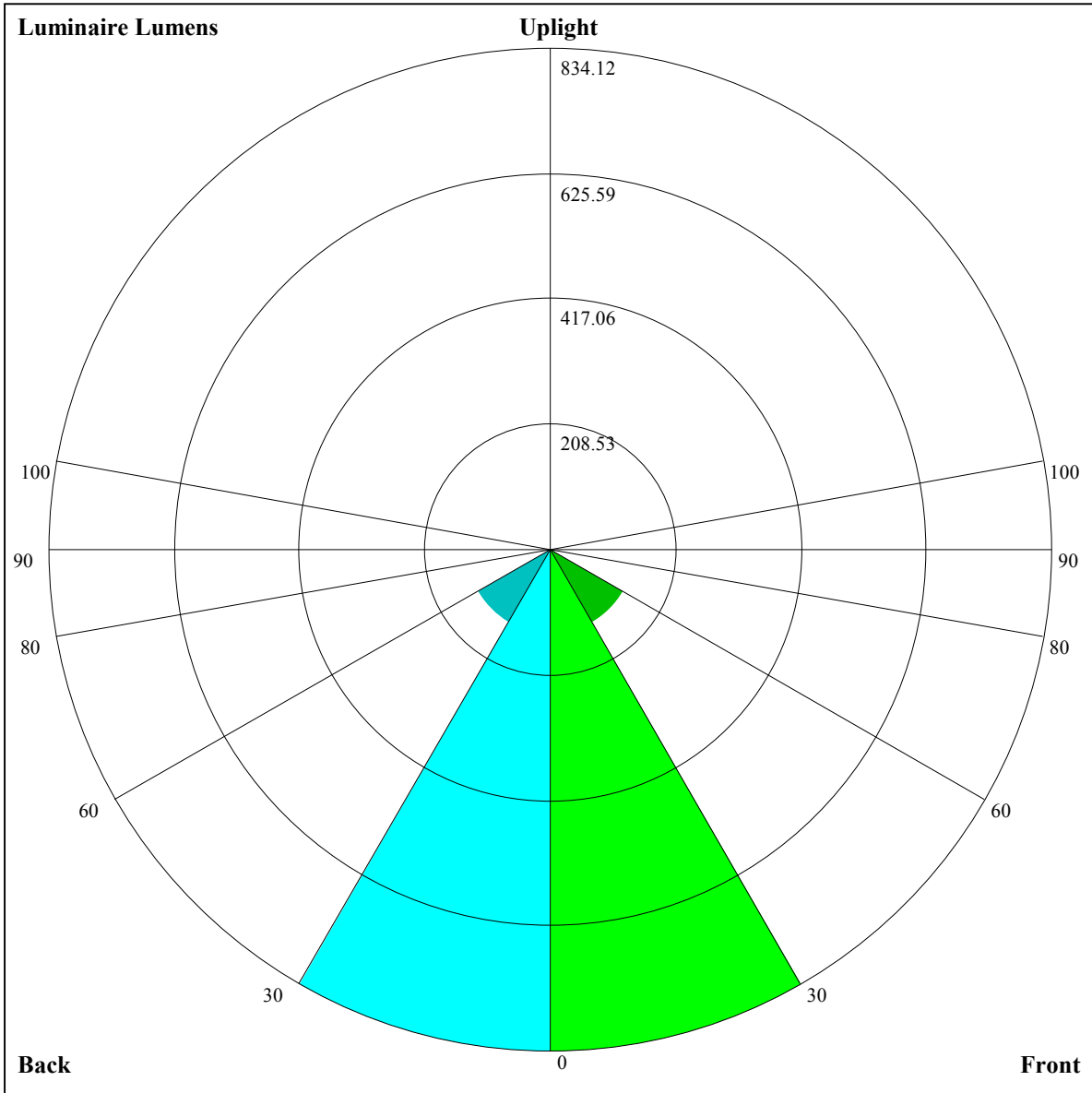
Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	3H	非数字	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	
	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	
8H	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	
12H	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	1.09	1.09	1.09	1.07	1.07	1.07	1.02	1.02	1.02	0.98	0.98	0.98	0.94	0.94	0.94	0.92
1	1.02	1.00	0.98	1.00	0.99	0.97	0.97	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.89	0.87
2	0.96	0.93	0.90	0.95	0.92	0.89	0.92	0.89	0.87	0.89	0.87	0.85	0.87	0.85	0.84	0.82
3	0.91	0.87	0.84	0.90	0.86	0.83	0.87	0.84	0.82	0.85	0.83	0.80	0.83	0.81	0.79	0.78
4	0.86	0.82	0.78	0.85	0.81	0.78	0.83	0.80	0.77	0.81	0.78	0.76	0.80	0.77	0.75	0.74
5	0.82	0.77	0.74	0.81	0.76	0.73	0.79	0.75	0.73	0.78	0.74	0.72	0.76	0.74	0.71	0.70
6	0.78	0.73	0.69	0.77	0.72	0.69	0.76	0.72	0.69	0.74	0.71	0.68	0.73	0.70	0.68	0.67
7	0.74	0.69	0.66	0.73	0.69	0.66	0.72	0.68	0.65	0.71	0.68	0.65	0.70	0.67	0.65	0.64
8	0.71	0.66	0.63	0.70	0.66	0.62	0.69	0.65	0.62	0.68	0.65	0.62	0.67	0.64	0.62	0.61
9	0.67	0.63	0.60	0.67	0.63	0.60	0.66	0.62	0.59	0.66	0.62	0.59	0.65	0.61	0.59	0.58
10	0.65	0.60	0.57	0.64	0.60	0.57	0.64	0.60	0.57	0.63	0.59	0.57	0.62	0.59	0.56	0.55





Luminaire Lumens:

FL=834.12,FM=139.42,FH=6.26,FVH=0.88

BL=834.12,BM=139.42,BH=6.26,BVH=0.88

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	4158.42	4150.74	4126.15	4085.47	4038.54	3964.65	3882.95	3773.89	3658.00
45.0	4158.42	4150.74	4126.15	4085.47	4038.54	3964.65	3882.95	3773.89	3658.00
90.0	4158.42	4150.74	4126.15	4085.47	4038.54	3964.65	3882.95	3773.89	3658.00
135.0	4158.42	4150.74	4126.15	4085.47	4038.54	3964.65	3882.95	3773.89	3658.00
180.0	4158.42	4150.74	4126.15	4085.47	4038.54	3964.65	3882.95	3773.89	3658.00
225.0	4158.42	4150.74	4126.15	4085.47	4038.54	3964.65	3882.95	3773.89	3658.00
270.0	4158.42	4150.74	4126.15	4085.47	4038.54	3964.65	3882.95	3773.89	3658.00
315.0	4158.42	4150.74	4126.15	4085.47	4038.54	3964.65	3882.95	3773.89	3658.00
360.0	4158.42	4150.74	4126.15	4085.47	4038.54	3964.65	3882.95	3773.89	3658.00
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	3526.16	3391.81	3251.27	3108.64	2957.02	2802.68	2647.93	2498.54	2337.44
45.0	3526.16	3391.81	3251.27	3108.64	2957.02	2802.68	2647.93	2498.54	2337.44
90.0	3526.16	3391.81	3251.27	3108.64	2957.02	2802.68	2647.93	2498.54	2337.44
135.0	3526.16	3391.81	3251.27	3108.64	2957.02	2802.68	2647.93	2498.54	2337.44
180.0	3526.16	3391.81	3251.27	3108.64	2957.02	2802.68	2647.93	2498.54	2337.44
225.0	3526.16	3391.81	3251.27	3108.64	2957.02	2802.68	2647.93	2498.54	2337.44
270.0	3526.16	3391.81	3251.27	3108.64	2957.02	2802.68	2647.93	2498.54	2337.44
315.0	3526.16	3391.81	3251.27	3108.64	2957.02	2802.68	2647.93	2498.54	2337.44
360.0	3526.16	3391.81	3251.27	3108.64	2957.02	2802.68	2647.93	2498.54	2337.44
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	2195.71	2045.78	1886.99	1760.65	1623.86	1501.49	1354.88	1255.17	1153.45
45.0	2195.71	2045.78	1886.99	1760.65	1623.86	1501.49	1354.88	1255.17	1153.45
90.0	2195.71	2045.78	1886.99	1760.65	1623.86	1501.49	1354.88	1255.17	1153.45
135.0	2195.71	2045.78	1886.99	1760.65	1623.86	1501.49	1354.88	1255.17	1153.45
180.0	2195.71	2045.78	1886.99	1760.65	1623.86	1501.49	1354.88	1255.17	1153.45
225.0	2195.71	2045.78	1886.99	1760.65	1623.86	1501.49	1354.88	1255.17	1153.45
270.0	2195.71	2045.78	1886.99	1760.65	1623.86	1501.49	1354.88	1255.17	1153.45
315.0	2195.71	2045.78	1886.99	1760.65	1623.86	1501.49	1354.88	1255.17	1153.45
360.0	2195.71	2045.78	1886.99	1760.65	1623.86	1501.49	1354.88	1255.17	1153.45
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	1076.70	981.46	881.36	782.03	686.14	592.58	504.40	421.10	345.03
45.0	1076.70	981.46	881.36	782.03	686.14	592.58	504.40	421.10	345.03
90.0	1076.70	981.46	881.36	782.03	686.14	592.58	504.40	421.10	345.03
135.0	1076.70	981.46	881.36	782.03	686.14	592.58	504.40	421.10	345.03
180.0	1076.70	981.46	881.36	782.03	686.14	592.58	504.40	421.10	345.03
225.0	1076.70	981.46	881.36	782.03	686.14	592.58	504.40	421.10	345.03
270.0	1076.70	981.46	881.36	782.03	686.14	592.58	504.40	421.10	345.03
315.0	1076.70	981.46	881.36	782.03	686.14	592.58	504.40	421.10	345.03
360.0	1076.70	981.46	881.36	782.03	686.14	592.58	504.40	421.10	345.03
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	284.01	235.21	174.11	121.68	89.03	70.89	60.35	51.36	44.03
45.0	284.01	235.21	174.11	121.68	89.03	70.89	60.35	51.36	44.03
90.0	284.01	235.21	174.11	121.68	89.03	70.89	60.35	51.36	44.03
135.0	284.01	235.21	174.11	121.68	89.03	70.89	60.35	51.36	44.03
180.0	284.01	235.21	174.11	121.68	89.03	70.89	60.35	51.36	44.03
225.0	284.01	235.21	174.11	121.68	89.03	70.89	60.35	51.36	44.03
270.0	284.01	235.21	174.11	121.68	89.03	70.89	60.35	51.36	44.03
315.0	284.01	235.21	174.11	121.68	89.03	70.89	60.35	51.36	44.03
360.0	284.01	235.21	174.11	121.68	89.03	70.89	60.35	51.36	44.03

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	39.10	34.51	30.59	27.23	24.35	21.90	19.90	18.17	16.67
45.0	39.10	34.51	30.59	27.23	24.35	21.90	19.90	18.17	16.67
90.0	39.10	34.51	30.59	27.23	24.35	21.90	19.90	18.17	16.67
135.0	39.10	34.51	30.59	27.23	24.35	21.90	19.90	18.17	16.67
180.0	39.10	34.51	30.59	27.23	24.35	21.90	19.90	18.17	16.67
225.0	39.10	34.51	30.59	27.23	24.35	21.90	19.90	18.17	16.67
270.0	39.10	34.51	30.59	27.23	24.35	21.90	19.90	18.17	16.67
315.0	39.10	34.51	30.59	27.23	24.35	21.90	19.90	18.17	16.67
360.0	39.10	34.51	30.59	27.23	24.35	21.90	19.90	18.17	16.67
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	15.47	14.26	13.19	12.46	11.58	10.93	10.27	9.70	9.17
45.0	15.47	14.26	13.19	12.46	11.58	10.93	10.27	9.70	9.17
90.0	15.47	14.26	13.19	12.46	11.58	10.93	10.27	9.70	9.17
135.0	15.47	14.26	13.19	12.46	11.58	10.93	10.27	9.70	9.17
180.0	15.47	14.26	13.19	12.46	11.58	10.93	10.27	9.70	9.17
225.0	15.47	14.26	13.19	12.46	11.58	10.93	10.27	9.70	9.17
270.0	15.47	14.26	13.19	12.46	11.58	10.93	10.27	9.70	9.17
315.0	15.47	14.26	13.19	12.46	11.58	10.93	10.27	9.70	9.17
360.0	15.47	14.26	13.19	12.46	11.58	10.93	10.27	9.70	9.17
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	8.71	8.27	7.81	7.42	7.04	6.70	6.35	6.01	5.68
45.0	8.71	8.27	7.81	7.42	7.04	6.70	6.35	6.01	5.68
90.0	8.71	8.27	7.81	7.42	7.04	6.70	6.35	6.01	5.68
135.0	8.71	8.27	7.81	7.42	7.04	6.70	6.35	6.01	5.68
180.0	8.71	8.27	7.81	7.42	7.04	6.70	6.35	6.01	5.68
225.0	8.71	8.27	7.81	7.42	7.04	6.70	6.35	6.01	5.68
270.0	8.71	8.27	7.81	7.42	7.04	6.70	6.35	6.01	5.68
315.0	8.71	8.27	7.81	7.42	7.04	6.70	6.35	6.01	5.68
360.0	8.71	8.27	7.81	7.42	7.04	6.70	6.35	6.01	5.68
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	5.38	5.05	4.72	4.44	4.12	3.77	3.53	3.17	2.87
45.0	5.38	5.05	4.72	4.44	4.12	3.77	3.53	3.17	2.87
90.0	5.38	5.05	4.72	4.44	4.12	3.77	3.53	3.17	2.87
135.0	5.38	5.05	4.72	4.44	4.12	3.77	3.53	3.17	2.87
180.0	5.38	5.05	4.72	4.44	4.12	3.77	3.53	3.17	2.87
225.0	5.38	5.05	4.72	4.44	4.12	3.77	3.53	3.17	2.87
270.0	5.38	5.05	4.72	4.44	4.12	3.77	3.53	3.17	2.87
315.0	5.38	5.05	4.72	4.44	4.12	3.77	3.53	3.17	2.87
360.0	5.38	5.05	4.72	4.44	4.12	3.77	3.53	3.17	2.87
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	2.58	2.28	2.03	1.77	1.55	1.32	1.14	0.92	0.76
45.0	2.58	2.28	2.03	1.77	1.55	1.32	1.14	0.92	0.76
90.0	2.58	2.28	2.03	1.77	1.55	1.32	1.14	0.92	0.76
135.0	2.58	2.28	2.03	1.77	1.55	1.32	1.14	0.92	0.76
180.0	2.58	2.28	2.03	1.77	1.55	1.32	1.14	0.92	0.76
225.0	2.58	2.28	2.03	1.77	1.55	1.32	1.14	0.92	0.76
270.0	2.58	2.28	2.03	1.77	1.55	1.32	1.14	0.92	0.76
315.0	2.58	2.28	2.03	1.77	1.55	1.32	1.14	0.92	0.76
360.0	2.58	2.28	2.03	1.77	1.55	1.32	1.14	0.92	0.76

Intensity data(cd)

C/γ(°)	90.0
0.0	0.65
45.0	0.65
90.0	0.65
135.0	0.65
180.0	0.65
225.0	0.65
270.0	0.65
315.0	0.65
360.0	0.65