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NT

Client:

LumCAT: 3-2833-L

Luminaire: 92.70.412.00

Report No: 2024315-B017

Ballast type: AC

Test No: 2024315-C017

Voltage(V): 0.000

LampCAT: BRIDGELUX V13B LES13

Current(A): 0.000

Lamp flux(lm): 2626.0

Power (W): 0.000

Number of Lamps: 1

PF: 0.000

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 2239.91, Efficiency(%): 85.30% , Luminous Efficacy(lm/W): 0.00

Central intensity(cd): 7722.834, Maximum intensity(cd): 7722.834

Angle of maximum intensity: C=0.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=24.4

[C90/270]Total=24.4

Field angle(10%Imax): [C0/180]Total=59.2

[C90/270]Total=59.2

Maximum s/h(1/2): C0_180=0.41 C90_270=0.41

Maximum s/h(1/4): C0_180=0.45 C90_270=0.45

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 85.30%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 98.034%

Equipment: GMS1980
Temperature(°C): 25.0

Date: 2024/3/15
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	7722.834	0.000	0	0.00%	0.00%
1.0	7700.230	7.380	7.38	0.28%	0.33%
2.0	7610.910	21.976	29.356	0.84%	1.31%
3.0	7462.628	36.051	65.407	1.37%	2.92%
4.0	7206.007	49.101	114.507	1.87%	5.11%
5.0	6904.470	60.703	175.21	2.31%	7.82%
6.0	6524.586	70.573	245.783	2.69%	10.97%
7.0	6087.203	78.281	324.064	2.98%	14.47%
8.0	5645.944	83.972	408.036	3.20%	18.22%
9.0	5203.513	87.929	495.965	3.35%	22.14%
10.0	4758.742	90.155	586.12	3.43%	26.17%
11.0	4331.236	90.828	676.947	3.46%	30.22%
12.0	3941.037	90.428	767.375	3.44%	34.26%
13.0	3556.544	88.977	856.352	3.39%	38.23%
14.0	3224.063	86.791	943.144	3.31%	42.11%
15.0	2922.892	84.388	1027.532	3.21%	45.87%
16.0	2653.834	81.715	1109.246	3.11%	49.52%
17.0	2416.306	78.956	1188.202	3.01%	53.05%
18.0	2198.237	76.084	1264.286	2.90%	56.44%
19.0	2011.989	73.249	1337.535	2.79%	59.71%
20.0	1823.546	70.201	1407.736	2.67%	62.85%
21.0	1670.803	67.099	1474.835	2.56%	65.84%
22.0	1481.556	63.348	1538.183	2.41%	68.67%
23.0	1366.339	59.757	1597.939	2.28%	71.34%
24.0	1226.288	56.684	1654.623	2.16%	73.87%
25.0	1140.486	53.815	1708.439	2.05%	76.27%
26.0	1046.704	51.629	1760.068	1.97%	78.58%
27.0	959.908	49.092	1809.16	1.87%	80.77%
28.0	886.850	46.756	1855.916	1.78%	82.86%
29.0	816.638	44.568	1900.484	1.70%	84.85%
30.0	741.517	42.070	1942.554	1.60%	86.72%
31.0	644.464	38.570	1981.124	1.47%	88.45%
32.0	548.722	34.183	2015.307	1.30%	89.97%
33.0	443.688	29.237	2044.544	1.11%	91.28%
34.0	349.116	23.993	2068.536	0.91%	92.35%
35.0	274.631	19.371	2087.908	0.74%	93.21%
36.0	204.441	15.254	2103.161	0.58%	93.90%
37.0	153.483	11.673	2114.835	0.44%	94.42%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	91.573	8.180	2123.014	0.31%	94.78%
39.0	76.942	5.752	2128.766	0.22%	95.04%
40.0	69.861	5.120	2133.886	0.19%	95.27%
41.0	63.811	4.760	2138.646	0.18%	95.48%
42.0	58.471	4.443	2143.089	0.17%	95.68%
43.0	53.760	4.157	2147.247	0.16%	95.86%
44.0	49.605	3.901	2151.148	0.15%	96.04%
45.0	45.794	3.666	2154.814	0.14%	96.20%
46.0	42.619	3.458	2158.272	0.13%	96.36%
47.0	39.451	3.264	2161.536	0.12%	96.50%
48.0	37.154	3.097	2164.633	0.12%	96.64%
49.0	35.018	2.964	2167.597	0.11%	96.77%
50.0	33.219	2.845	2170.442	0.11%	96.90%
51.0	31.668	2.745	2173.187	0.10%	97.02%
52.0	30.483	2.667	2175.854	0.10%	97.14%
53.0	29.466	2.608	2178.462	0.10%	97.26%
54.0	28.698	2.564	2181.025	0.10%	97.37%
55.0	28.120	2.536	2183.561	0.10%	97.48%
56.0	27.557	2.516	2186.077	0.10%	97.60%
57.0	27.103	2.499	2188.576	0.10%	97.71%
58.0	26.408	2.475	2191.051	0.09%	97.82%
59.0	25.669	2.435	2193.486	0.09%	97.93%
60.0	24.623	2.376	2195.862	0.09%	98.03%
61.0	23.555	2.299	2198.161	0.09%	98.14%
62.0	22.421	2.215	2200.376	0.08%	98.24%
63.0	21.200	2.122	2202.498	0.08%	98.33%
64.0	20.095	2.026	2204.524	0.08%	98.42%
65.0	19.042	1.937	2206.461	0.07%	98.51%
66.0	17.988	1.848	2208.309	0.07%	98.59%
67.0	17.015	1.760	2210.069	0.07%	98.67%
68.0	16.196	1.682	2211.751	0.06%	98.74%
69.0	15.508	1.617	2213.369	0.06%	98.82%
70.0	14.872	1.560	2214.929	0.06%	98.88%
71.0	14.404	1.513	2216.442	0.06%	98.95%
72.0	13.965	1.475	2217.917	0.06%	99.02%
73.0	13.599	1.441	2219.358	0.05%	99.08%
74.0	13.263	1.412	2220.771	0.05%	99.15%
75.0	12.919	1.383	2222.154	0.05%	99.21%

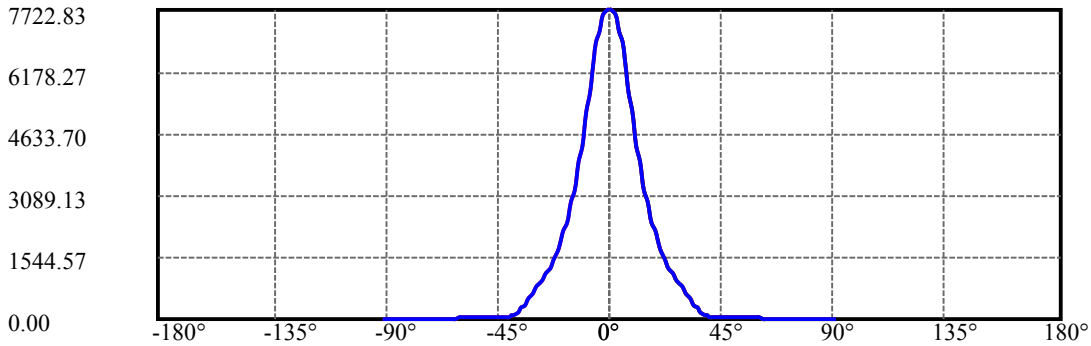
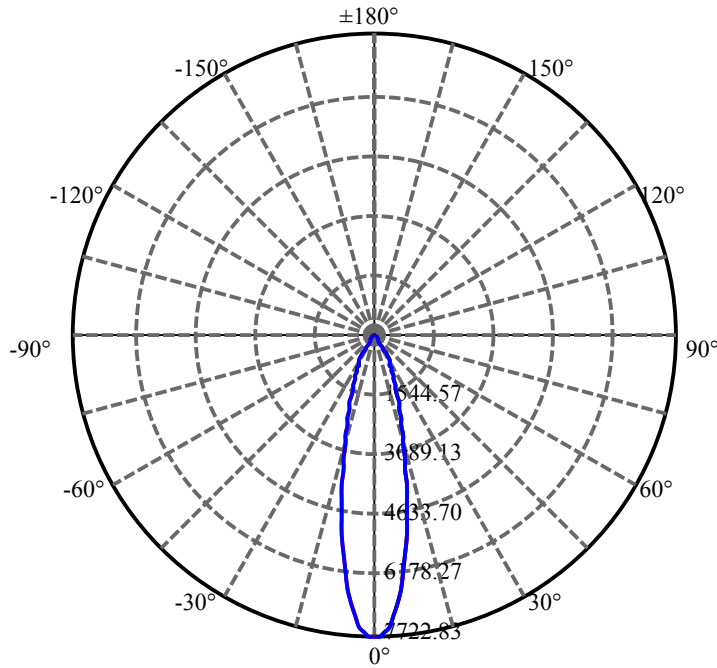
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	12.648	1.357	2223.511	0.05%	99.27%
77.0	12.304	1.330	2224.842	0.05%	99.33%
78.0	12.026	1.302	2226.144	0.05%	99.39%
79.0	11.756	1.278	2227.422	0.05%	99.44%
80.0	11.448	1.251	2228.673	0.05%	99.50%
81.0	11.192	1.224	2229.897	0.05%	99.55%
82.0	10.907	1.198	2231.096	0.05%	99.61%
83.0	10.666	1.173	2232.268	0.04%	99.66%
84.0	10.432	1.149	2233.418	0.04%	99.71%
85.0	10.227	1.127	2234.545	0.04%	99.76%
86.0	10.044	1.108	2235.653	0.04%	99.81%
87.0	9.839	1.088	2236.741	0.04%	99.86%
88.0	9.649	1.068	2237.809	0.04%	99.91%
89.0	9.568	1.053	2238.862	0.04%	99.95%
90.0	9.481	1.044	2239.907	0.04%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	1942.55	73.97%	86.72%
0-40	2133.89	81.26%	95.27%
0-60	2195.86	83.62%	98.03%
0-90	2238.86	85.26%	99.95%
0-120	2238.86	85.26%	99.95%
0-180	2239.91	85.30%	100.00%
60-90	43.00	1.64%	1.92%
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%
0-26.65	1791.93	68.24%	80.00%

ZONAL LUMEN SUMMARY

0-10	586.12
10-20	821.62
20-30	534.82
30-40	191.33
40-50	36.56
50-60	25.42
60-70	19.07
70-80	13.74
80-90	10.19
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: —————

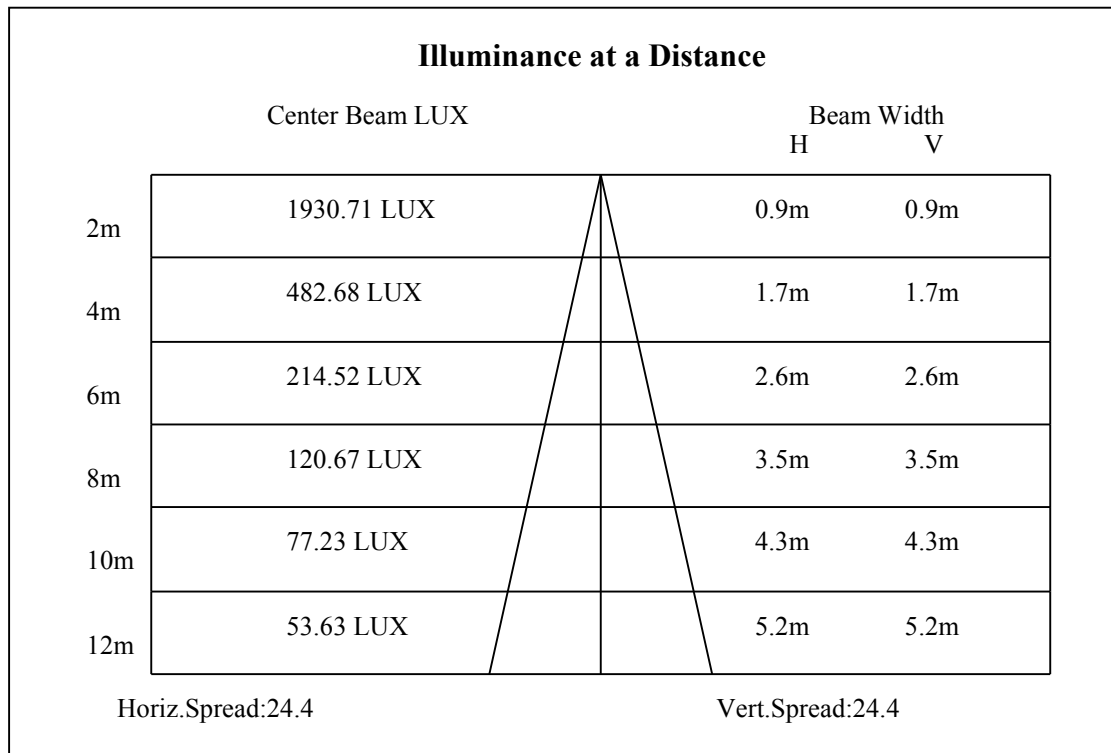
C90/C270: —————

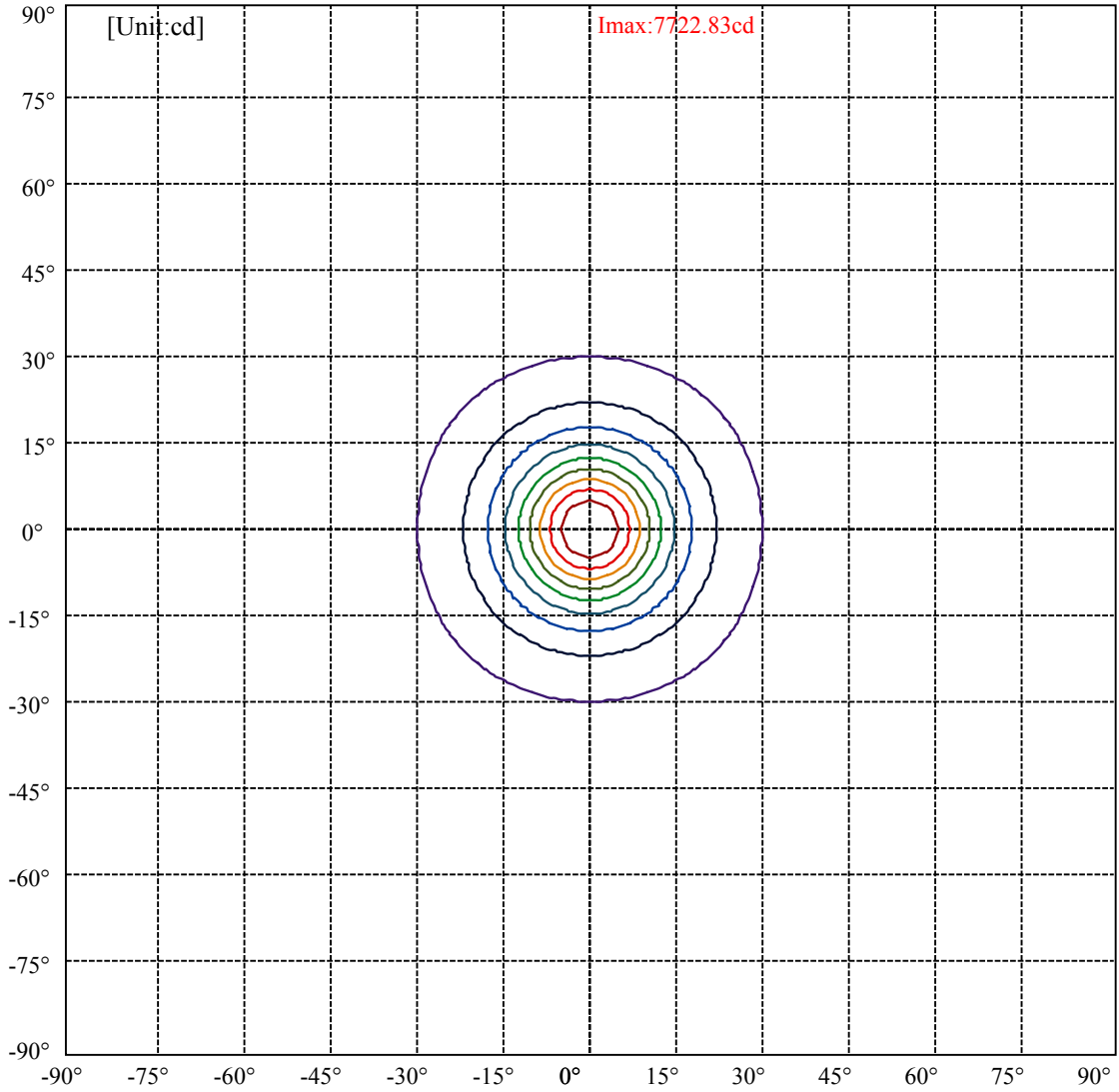
Field angle(10%Imax):C0/180Left:29.6 Right:29.6

:C90/270Left:29.6 Right:29.6

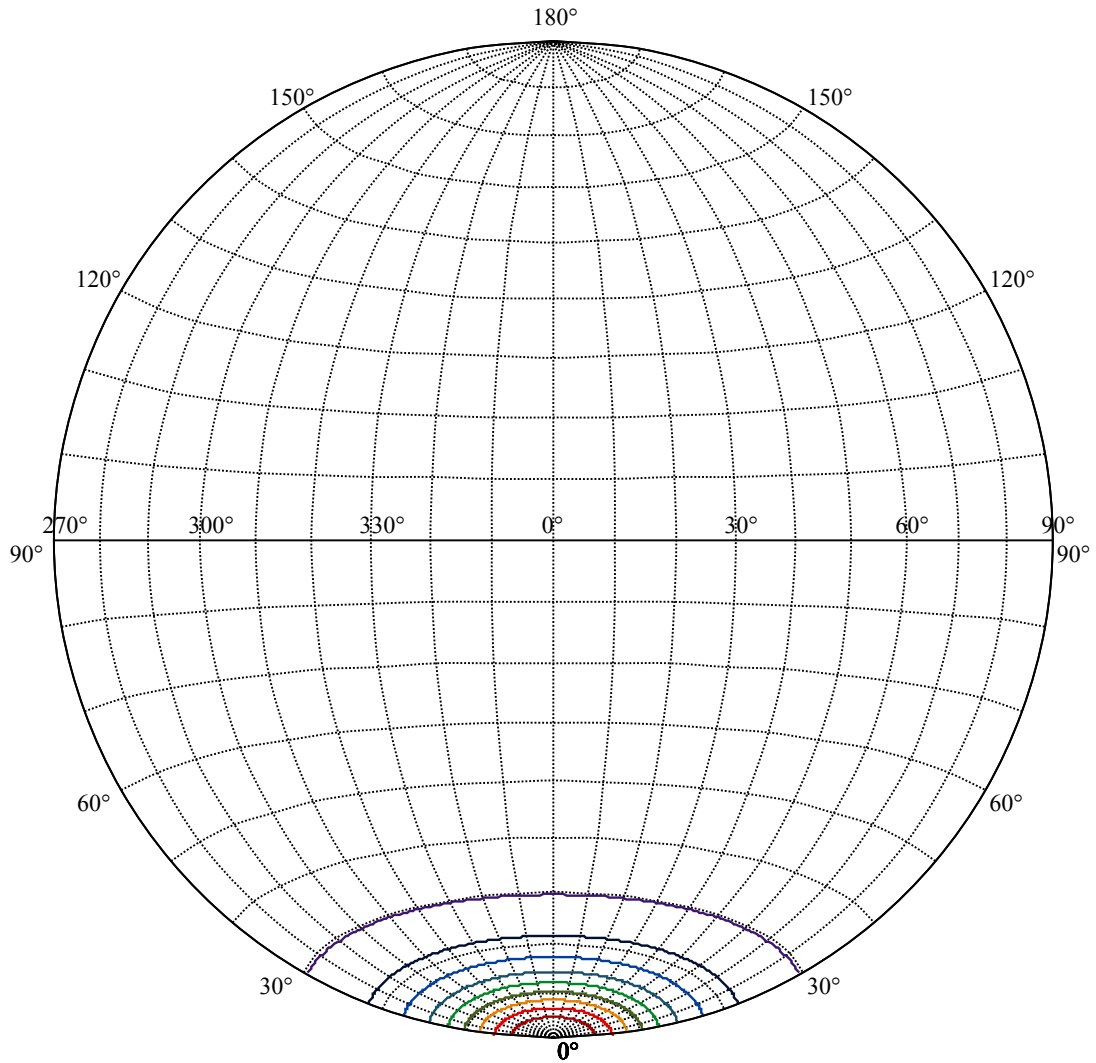
Beam Angle(50%Imax):C0/180Left:12.2 Right:12.2

:C90/270Left:12.2 Right:12.2





(10%Imax) 772.283	—
(20%Imax) 1544.57	—
(30%Imax) 2316.85	—
(40%Imax) 3089.13	—
(50%Imax) 3861.42	—
(60%Imax) 4633.7	—
(70%Imax) 5405.98	—
(80%Imax) 6178.27	—
(90%Imax) 6950.55	—



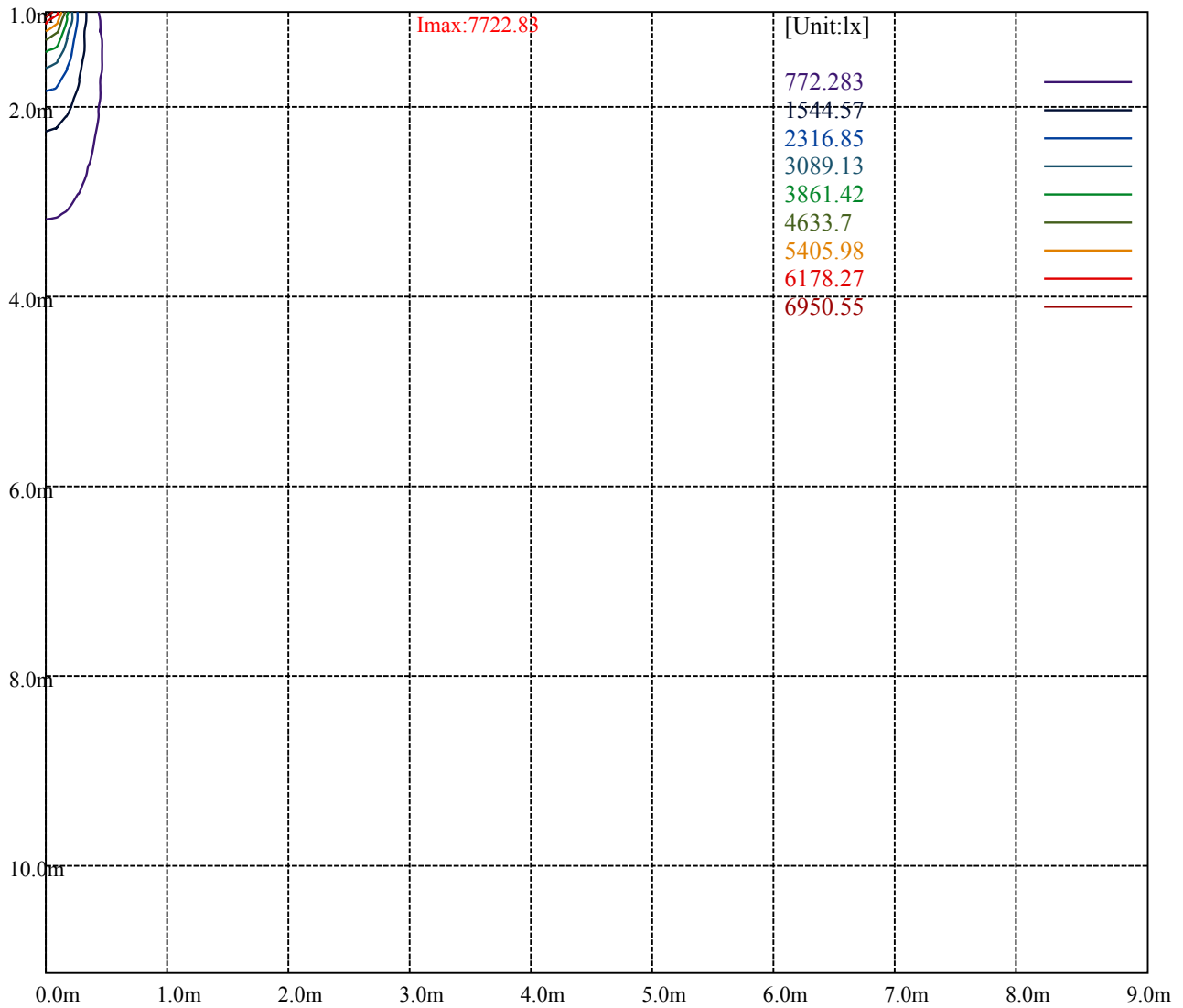
House

[Unit:cd]

Road

Imax:7722.83

(10%Imax)	772.283	—
(20%Imax)	1544.57	—
(30%Imax)	2316.85	—
(40%Imax)	3089.13	—
(50%Imax)	3861.42	—
(60%Imax)	4633.7	—
(70%Imax)	5405.98	—
(80%Imax)	6178.27	—
(90%Imax)	6950.55	—



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

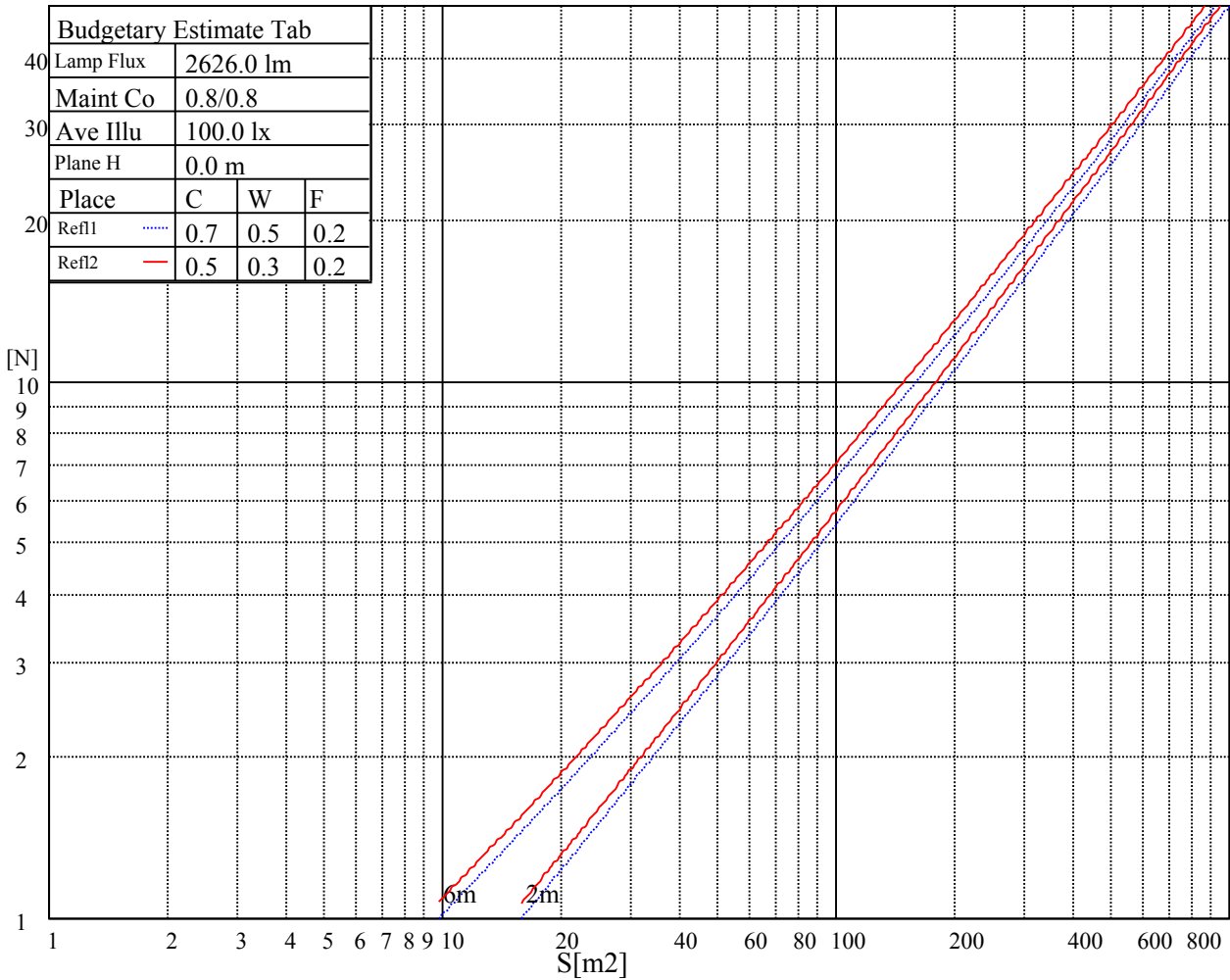
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

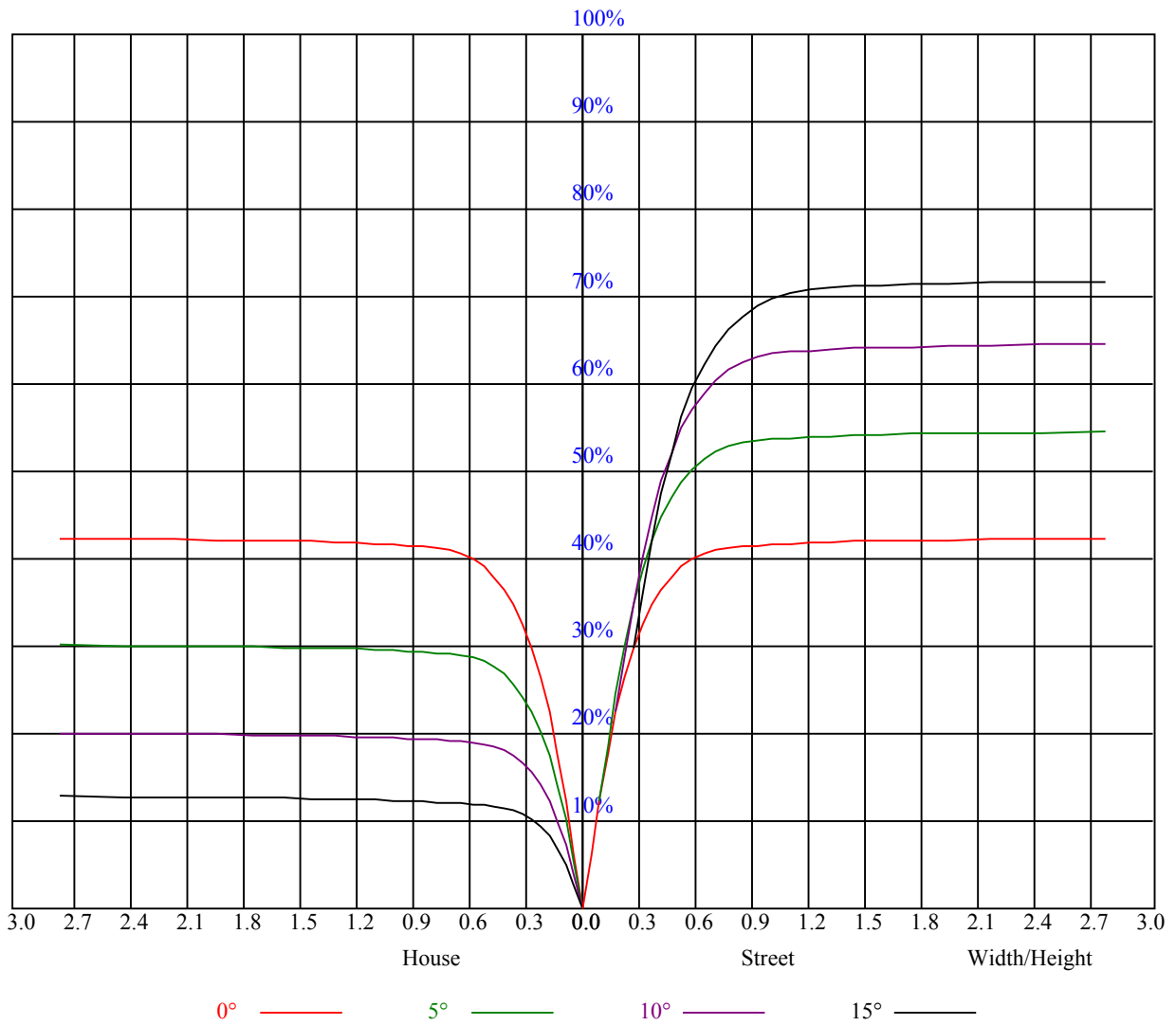


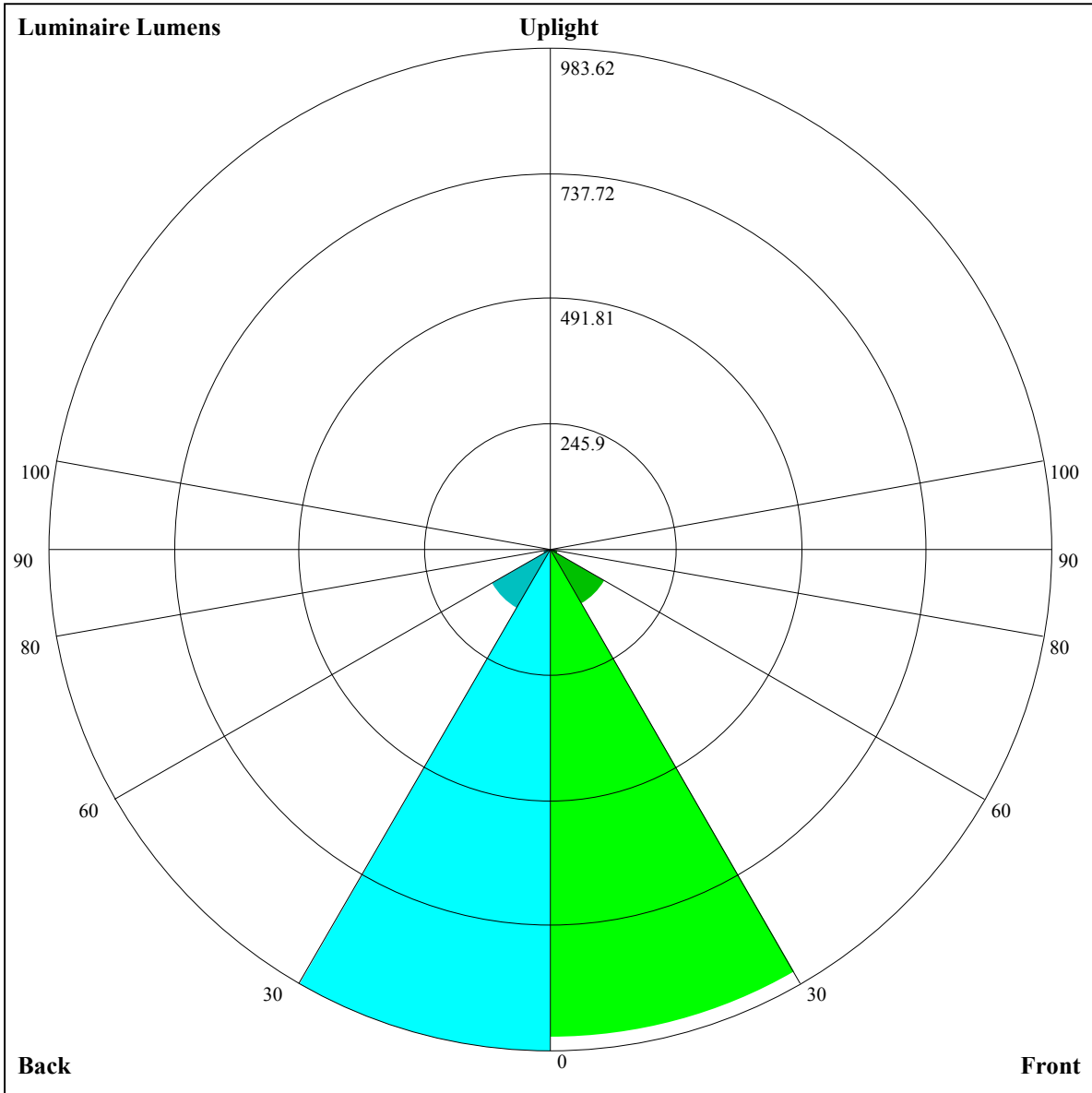
Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	3H	非数字	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	1.02	1.02	1.02	0.99	0.99	0.99	0.95	0.95	0.95	0.91	0.91	0.91	0.87	0.87	0.87	0.85
1	0.95	0.93	0.92	0.93	0.92	0.90	0.90	0.89	0.87	0.87	0.86	0.85	0.84	0.83	0.82	0.81
2	0.90	0.87	0.84	0.88	0.86	0.83	0.86	0.83	0.81	0.83	0.81	0.80	0.81	0.79	0.78	0.77
3	0.85	0.81	0.78	0.84	0.81	0.78	0.82	0.79	0.77	0.80	0.77	0.75	0.78	0.76	0.74	0.73
4	0.81	0.77	0.74	0.80	0.76	0.73	0.78	0.75	0.73	0.77	0.74	0.72	0.75	0.73	0.71	0.70
5	0.77	0.73	0.70	0.76	0.72	0.70	0.75	0.72	0.69	0.74	0.71	0.68	0.72	0.70	0.68	0.67
6	0.74	0.70	0.67	0.73	0.69	0.66	0.72	0.68	0.66	0.71	0.68	0.65	0.70	0.67	0.65	0.64
7	0.71	0.66	0.64	0.70	0.66	0.63	0.69	0.66	0.63	0.68	0.65	0.63	0.67	0.65	0.62	0.61
8	0.68	0.64	0.61	0.67	0.64	0.61	0.67	0.63	0.61	0.66	0.63	0.60	0.65	0.62	0.60	0.59
9	0.65	0.61	0.59	0.65	0.61	0.58	0.64	0.61	0.58	0.64	0.60	0.58	0.63	0.60	0.58	0.57
10	0.63	0.59	0.56	0.63	0.59	0.56	0.62	0.59	0.56	0.61	0.58	0.56	0.61	0.58	0.56	0.55





Luminaire Lumens:

FL=959.19,FM=124.63,FH=16.25,FVH=5.6

BL=983.62,BM=132.38,BH=16.58,BVH=5.64

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	7713.32	7622.61	7468.70	7229.93	6812.08	6428.76	6013.25	5587.79	5068.11
45.0	7751.36	7734.39	7637.24	7503.23	7203.59	6868.84	6484.35	6075.28	5552.09
90.0	7694.01	7612.08	7420.13	7170.24	6736.00	6347.99	5930.73	5394.66	4972.72
135.0	7732.64	7672.94	7567.02	7359.85	7090.64	6734.24	6230.36	5813.10	5394.66
180.0	7713.32	7756.63	7741.41	7667.68	7515.52	7337.02	6994.67	6628.90	6225.10
225.0	7751.36	7723.27	7623.78	7488.60	7284.94	6998.18	6639.44	6132.63	5707.17
270.0	7694.01	7743.17	7739.07	7683.48	7560.00	7384.43	7119.32	6679.23	6281.86
315.0	7732.64	7736.73	7689.92	7598.03	7445.29	7136.29	6784.57	6386.03	5965.84
360.0	7713.32	7622.61	7468.70	7229.93	6812.08	6428.76	6013.25	5587.79	5068.11
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	4667.81	4282.15	3825.09	3488.58	3107.02	2830.21	2583.83	2362.61	2123.84
45.0	5133.65	4732.19	4342.43	3881.27	3540.08	3227.57	2872.93	2623.04	2395.97
90.0	4566.57	4087.86	3730.87	3399.05	3097.65	2764.08	2526.47	2321.06	2141.40
135.0	4873.81	4475.27	4100.73	3669.42	3347.55	3050.25	2783.97	2486.68	2282.44
180.0	5806.08	5282.30	4859.77	4456.55	3986.61	3633.72	3310.09	3014.55	2689.75
225.0	5284.06	4756.77	4360.57	3984.86	3555.30	3240.45	2887.56	2634.16	2404.16
270.0	5864.60	5444.41	4923.56	4518.58	4045.13	3685.81	3355.74	2991.14	2732.47
315.0	5431.53	5009.00	4506.88	4129.99	3773.03	3360.42	3062.54	2797.43	2582.42
360.0	4667.81	4282.15	3825.09	3488.58	3107.02	2830.21	2583.83	2362.61	2123.84
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	1953.54	1800.21	1658.59	1489.46	1161.44	1161.44	1134.40	1016.24	938.47
45.0	2150.18	1974.02	1781.48	1637.52	1509.94	1382.95	1236.05	1126.03	1029.47
90.0	1929.55	1782.07	1602.99	1467.22	1164.36	1164.36	1085.01	1000.15	913.19
135.0	2097.50	1933.64	1745.20	1606.50	1448.49	1324.42	1208.55	1072.19	984.99
180.0	2461.51	2249.08	2010.31	1842.93	1698.97	1533.93	1406.35	1286.38	1150.03
225.0	2203.43	1973.44	1816.60	1672.63	1536.86	1292.24	1150.90	1150.90	1049.37
270.0	2500.72	2284.78	2045.42	1873.95	1729.98	1594.80	1430.93	1313.89	1204.45
315.0	2289.46	2098.68	1927.79	1776.22	1602.40	1476.58	1158.10	1158.10	1103.68
360.0	1953.54	1800.21	1658.59	1489.46	1161.44	1161.44	1134.40	1016.24	938.47
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	876.78	803.69	720.29	633.21	520.44	424.23	306.37	223.32	151.05
45.0	953.98	879.07	826.98	746.22	658.44	543.73	447.76	331.88	307.89
90.0	861.51	795.09	713.51	621.68	503.47	407.43	313.56	228.59	141.80
135.0	914.77	860.92	770.80	680.09	588.21	493.99	376.36	309.06	309.06
180.0	1044.69	963.92	898.96	832.83	755.58	663.12	570.07	451.85	358.80
225.0	948.53	886.85	834.24	763.43	652.12	560.65	442.43	351.54	242.46
270.0	1067.51	982.65	902.48	850.98	779.58	688.87	578.85	479.94	384.55
315.0	1011.50	922.61	865.84	803.69	697.88	607.76	514.12	416.74	301.45
360.0	876.78	803.69	720.29	633.21	520.44	424.23	306.37	223.32	151.05
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	101.65	83.04	74.73	68.65	62.97	58.00	52.49	48.52	45.18
45.0	307.89	105.87	83.57	75.44	69.23	62.44	57.64	53.31	49.33
90.0	97.38	82.75	74.97	69.35	62.62	57.82	53.55	49.63	45.41
135.0	135.95	92.47	82.98	75.44	68.30	62.79	56.94	52.85	49.04
180.0	314.32	314.32	113.24	84.68	77.02	70.52	65.14	58.87	54.43
225.0	166.20	110.26	84.39	74.85	68.65	63.56	58.46	53.02	49.22
270.0	295.01	295.01	121.73	87.32	78.01	69.12	63.73	58.64	53.02
315.0	217.12	144.14	96.97	79.82	72.10	66.25	59.81	55.25	51.21
360.0	101.65	83.04	74.73	68.65	62.97	58.00	52.49	48.52	45.18

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	41.26	38.62	35.82	33.94	32.19	30.72	29.67	28.91	28.21
45.0	45.06	41.96	39.33	36.87	34.35	32.54	31.31	29.96	29.20
90.0	42.25	39.56	36.69	34.76	33.07	31.89	30.37	29.55	28.62
135.0	45.65	41.90	39.33	37.22	35.29	33.30	31.95	30.78	29.73
180.0	50.56	47.05	43.19	40.61	38.27	36.28	33.94	32.60	31.37
225.0	45.88	42.84	39.56	37.22	35.35	33.12	31.84	30.43	29.50
270.0	49.16	45.65	41.96	39.27	36.52	34.59	32.89	31.49	30.02
315.0	46.53	43.37	39.74	37.34	35.11	33.30	31.37	30.14	29.09
360.0	41.26	38.62	35.82	33.94	32.19	30.72	29.67	28.91	28.21
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	27.68	27.33	26.80	26.39	25.28	24.46	23.17	22.06	20.83
45.0	28.38	27.97	27.56	27.10	26.39	25.52	24.64	23.23	22.30
90.0	28.27	27.74	27.15	26.51	25.46	24.58	23.12	22.12	20.95
135.0	29.03	28.62	27.92	27.51	26.74	25.57	24.58	23.23	22.00
180.0	30.08	29.32	28.50	28.09	27.56	27.15	26.04	25.22	24.11
225.0	28.73	28.15	27.68	27.15	26.74	25.93	24.81	23.82	22.71
270.0	29.09	28.32	27.62	27.27	26.74	26.39	25.81	24.76	23.88
315.0	28.32	27.51	27.21	26.80	26.34	25.75	24.81	23.99	22.59
360.0	27.68	27.33	26.80	26.39	25.28	24.46	23.17	22.06	20.83
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	19.78	18.61	17.56	16.80	15.80	15.22	14.69	14.28	13.81
45.0	21.07	19.96	18.90	17.79	16.91	16.04	15.33	14.69	14.28
90.0	19.72	18.73	17.67	16.91	16.15	15.27	14.81	14.22	13.81
135.0	20.72	19.78	18.84	17.56	16.74	15.98	15.33	14.75	14.34
180.0	22.71	21.65	20.42	19.49	18.08	17.21	16.44	15.57	15.04
225.0	21.48	20.25	19.31	17.97	17.09	16.39	15.51	14.98	14.51
270.0	22.47	21.59	20.37	19.14	18.14	17.21	16.44	15.51	14.98
315.0	21.65	20.19	19.25	18.26	17.21	16.27	15.51	14.98	14.46
360.0	19.78	18.61	17.56	16.80	15.80	15.22	14.69	14.28	13.81
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	13.46	13.23	12.93	12.58	12.35	12.00	11.70	11.47	11.06
45.0	13.93	13.58	13.17	12.87	12.64	12.23	12.00	11.76	11.47
90.0	13.52	13.17	12.82	12.58	12.29	11.94	11.70	11.41	11.18
135.0	13.81	13.40	13.17	12.76	12.52	12.23	11.94	11.65	11.35
180.0	14.46	14.05	13.75	13.40	12.99	12.70	12.41	12.17	11.82
225.0	14.10	13.64	13.34	12.99	12.76	12.35	12.11	11.76	11.47
270.0	14.51	14.10	13.64	13.28	13.05	12.64	12.35	12.06	11.70
315.0	13.93	13.64	13.28	12.87	12.58	12.35	12.00	11.76	11.53
360.0	13.46	13.23	12.93	12.58	12.35	12.00	11.70	11.47	11.06
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	10.94	10.65	10.48	10.24	10.07	9.89	9.66	9.42	9.54
45.0	11.18	10.89	10.59	10.42	10.18	10.01	9.83	9.66	9.48
90.0	10.89	10.59	10.42	10.18	10.01	9.83	9.66	9.42	9.54
135.0	11.06	10.77	10.53	10.30	10.12	9.95	9.71	9.54	9.48
180.0	11.53	11.24	10.94	10.65	10.42	10.24	10.07	9.83	9.66
225.0	11.24	10.94	10.71	10.48	10.30	10.07	9.89	9.71	9.48
270.0	11.47	11.18	10.94	10.71	10.42	10.24	10.01	9.89	9.71
315.0	11.24	11.00	10.71	10.48	10.30	10.12	9.89	9.71	9.66
360.0	10.94	10.65	10.48	10.24	10.07	9.89	9.66	9.42	9.54

Intensity data(cd)

<i>C/γ</i> (°)	90.0
0.0	9.54
45.0	9.60
90.0	9.48
135.0	9.48
180.0	9.42
225.0	9.48
270.0	9.48
315.0	9.36
360.0	9.54