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NT

Client:

LumCAT: 1-1298-L

Luminaire: 92.70.410.00

Report No: 2024731-B010

Ballast type: AC

Test No: 2024731-C010

Voltage(V): 35.080

LampCAT: LUXEON CoB 1203 LES9

Current(A): 0.300

Lamp flux(lm): 1274.0

Power (W): 10.518

Number of Lamps: 1

PF: 0.000

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 1172.69, Efficiency(%): 92.05% , Luminous Efficacy(lm/W): 111.49

Central intensity(cd): 6033.144, Maximum intensity(cd): 6033.144

Angle of maximum intensity: C=0.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=17.2

[C90/270]Total=17.2

Field angle(10%Imax): [C0/180]Total=48.4

[C90/270]Total=48.4

Maximum s/h(1/2): C0_180=0.30 C90_270=0.30

Maximum s/h(1/4): C0_180=0.34 C90_270=0.34

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 92.05%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 97.860%

Equipment: GMS1980
Temperature(°C): 25.0

Date: 2024/7/31
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	6033.143	0.000	0	0.00%	0.00%
1.0	5974.840	5.746	5.746	0.45%	0.49%
2.0	5798.760	16.899	22.644	1.33%	1.93%
3.0	5518.145	27.066	49.711	2.12%	4.24%
4.0	5144.918	35.693	85.403	2.80%	7.28%
5.0	4688.296	42.302	127.705	3.32%	10.89%
6.0	4217.921	46.805	174.51	3.67%	14.88%
7.0	3743.743	49.418	223.928	3.88%	19.10%
8.0	3275.343	50.234	274.162	3.94%	23.38%
9.0	2869.124	49.798	323.959	3.91%	27.63%
10.0	2499.628	48.585	372.545	3.81%	31.77%
11.0	2210.380	47.063	419.607	3.69%	35.78%
12.0	1956.173	45.546	465.154	3.58%	39.67%
13.0	1746.150	43.937	509.091	3.45%	43.41%
14.0	1548.322	42.169	551.26	3.31%	47.01%
15.0	1393.216	40.383	591.643	3.17%	50.45%
16.0	1244.159	38.645	630.288	3.03%	53.75%
17.0	1159.631	37.433	667.721	2.94%	56.94%
18.0	1068.343	36.734	704.456	2.88%	60.07%
19.0	978.964	35.619	740.075	2.80%	63.11%
20.0	894.882	34.297	774.371	2.69%	66.03%
21.0	819.571	32.921	807.292	2.58%	68.84%
22.0	744.691	31.435	838.727	2.47%	71.52%
23.0	676.432	29.819	868.546	2.34%	74.06%
24.0	611.941	28.168	896.714	2.21%	76.47%
25.0	559.256	26.630	923.345	2.09%	78.74%
26.0	510.499	25.252	948.596	1.98%	80.89%
27.0	462.072	23.794	972.39	1.87%	82.92%
28.0	412.028	22.130	994.521	1.74%	84.81%
29.0	363.300	20.285	1014.805	1.59%	86.54%
30.0	313.534	18.274	1033.08	1.43%	88.09%
31.0	278.274	16.469	1049.549	1.29%	89.50%
32.0	244.412	14.974	1064.523	1.18%	90.78%
33.0	182.524	12.578	1077.101	0.99%	91.85%
34.0	132.568	9.536	1086.637	0.75%	92.66%
35.0	101.222	7.261	1093.897	0.57%	93.28%
36.0	76.511	5.659	1099.556	0.44%	93.76%
37.0	60.615	4.472	1104.029	0.35%	94.15%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	52.136	3.763	1107.792	0.30%	94.47%
39.0	45.384	3.329	1111.121	0.26%	94.75%
40.0	40.680	3.002	1114.122	0.24%	95.01%
41.0	36.130	2.735	1116.858	0.21%	95.24%
42.0	32.780	2.504	1119.361	0.20%	95.45%
43.0	29.598	2.311	1121.672	0.18%	95.65%
44.0	27.111	2.140	1123.812	0.17%	95.83%
45.0	24.872	1.998	1125.81	0.16%	96.00%
46.0	22.904	1.868	1127.678	0.15%	96.16%
47.0	21.310	1.758	1129.437	0.14%	96.31%
48.0	19.912	1.666	1131.103	0.13%	96.45%
49.0	18.742	1.587	1132.691	0.12%	96.59%
50.0	17.754	1.522	1134.212	0.12%	96.72%
51.0	16.869	1.465	1135.677	0.11%	96.84%
52.0	16.094	1.414	1137.092	0.11%	96.96%
53.0	15.487	1.374	1138.465	0.11%	97.08%
54.0	15.055	1.346	1139.812	0.11%	97.20%
55.0	14.653	1.326	1141.138	0.10%	97.31%
56.0	14.316	1.309	1142.447	0.10%	97.42%
57.0	14.045	1.297	1143.743	0.10%	97.53%
58.0	13.848	1.290	1145.033	0.10%	97.64%
59.0	13.658	1.286	1146.319	0.10%	97.75%
60.0	13.350	1.276	1147.595	0.10%	97.86%
61.0	13.065	1.261	1148.856	0.10%	97.97%
62.0	12.648	1.239	1150.095	0.10%	98.07%
63.0	12.092	1.203	1151.298	0.09%	98.18%
64.0	11.529	1.159	1152.457	0.09%	98.27%
65.0	10.988	1.114	1153.571	0.09%	98.37%
66.0	10.446	1.069	1154.641	0.08%	98.46%
67.0	9.956	1.026	1155.667	0.08%	98.55%
68.0	9.503	0.986	1156.652	0.08%	98.63%
69.0	9.071	0.948	1157.6	0.07%	98.71%
70.0	8.713	0.913	1158.513	0.07%	98.79%
71.0	8.405	0.885	1159.398	0.07%	98.87%
72.0	8.083	0.857	1160.255	0.07%	98.94%
73.0	7.827	0.832	1161.087	0.07%	99.01%
74.0	7.586	0.810	1161.898	0.06%	99.08%
75.0	7.388	0.791	1162.689	0.06%	99.15%

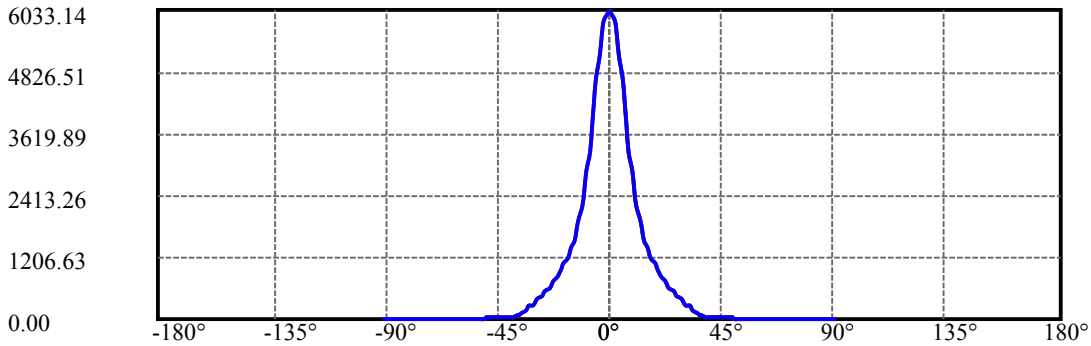
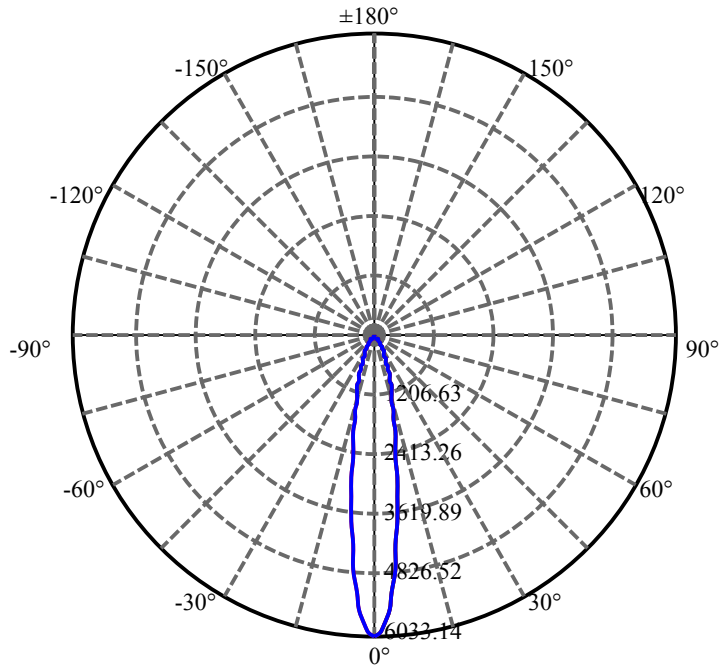
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	7.176	0.773	1163.462	0.06%	99.21%
77.0	7.015	0.757	1164.219	0.06%	99.28%
78.0	6.833	0.741	1164.96	0.06%	99.34%
79.0	6.672	0.726	1165.686	0.06%	99.40%
80.0	6.503	0.710	1166.396	0.06%	99.46%
81.0	6.342	0.695	1167.091	0.05%	99.52%
82.0	6.189	0.680	1167.77	0.05%	99.58%
83.0	6.064	0.666	1168.436	0.05%	99.64%
84.0	5.918	0.653	1169.089	0.05%	99.69%
85.0	5.801	0.640	1169.729	0.05%	99.75%
86.0	5.618	0.624	1170.353	0.05%	99.80%
87.0	5.435	0.605	1170.958	0.05%	99.85%
88.0	5.311	0.589	1171.546	0.05%	99.90%
89.0	5.209	0.577	1172.123	0.05%	99.95%
90.0	5.121	0.566	1172.689	0.04%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	1033.08	81.09%	88.09%
0-40	1114.12	87.45%	95.01%
0-60	1147.60	90.08%	97.86%
0-90	1172.12	92.00%	99.95%
0-120	1172.12	92.00%	99.95%
0-180	1172.69	92.05%	100.00%
60-90	24.53	1.93%	2.09%
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%
0-25.59	938.15	73.64%	80.00%

ZONAL LUMEN SUMMARY

0-10	372.54
10-20	401.83
20-30	258.71
30-40	81.04
40-50	20.09
50-60	13.38
60-70	10.92
70-80	7.88
80-90	5.73
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



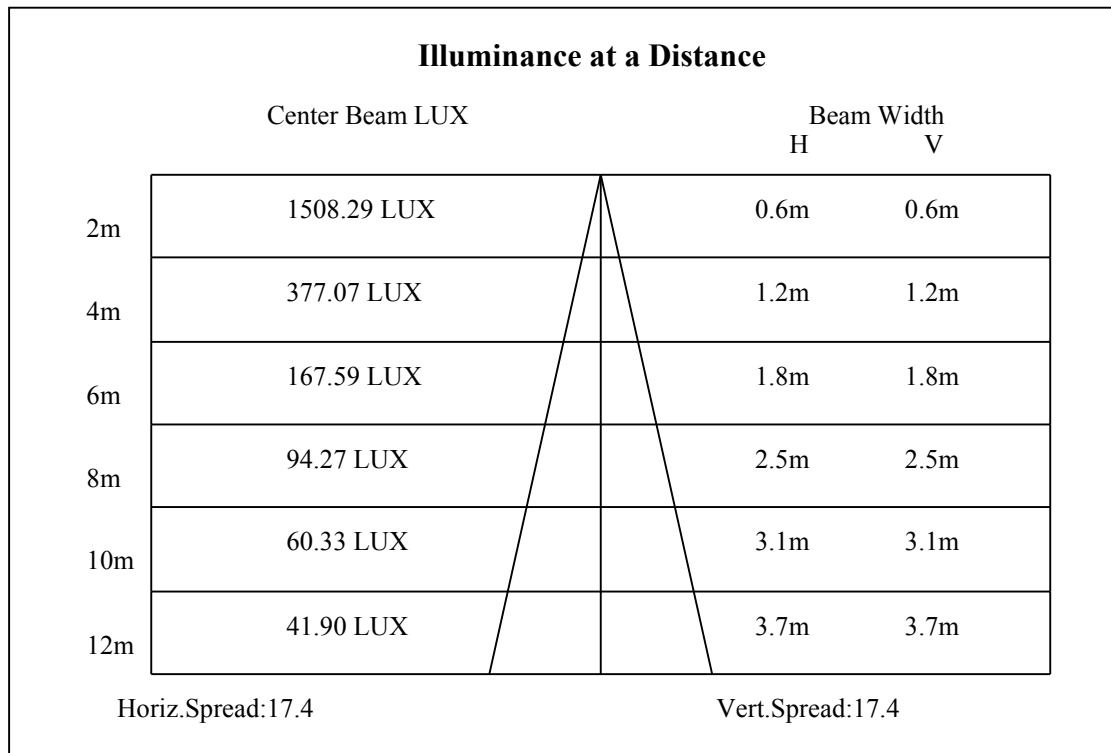
C0(Max): —————

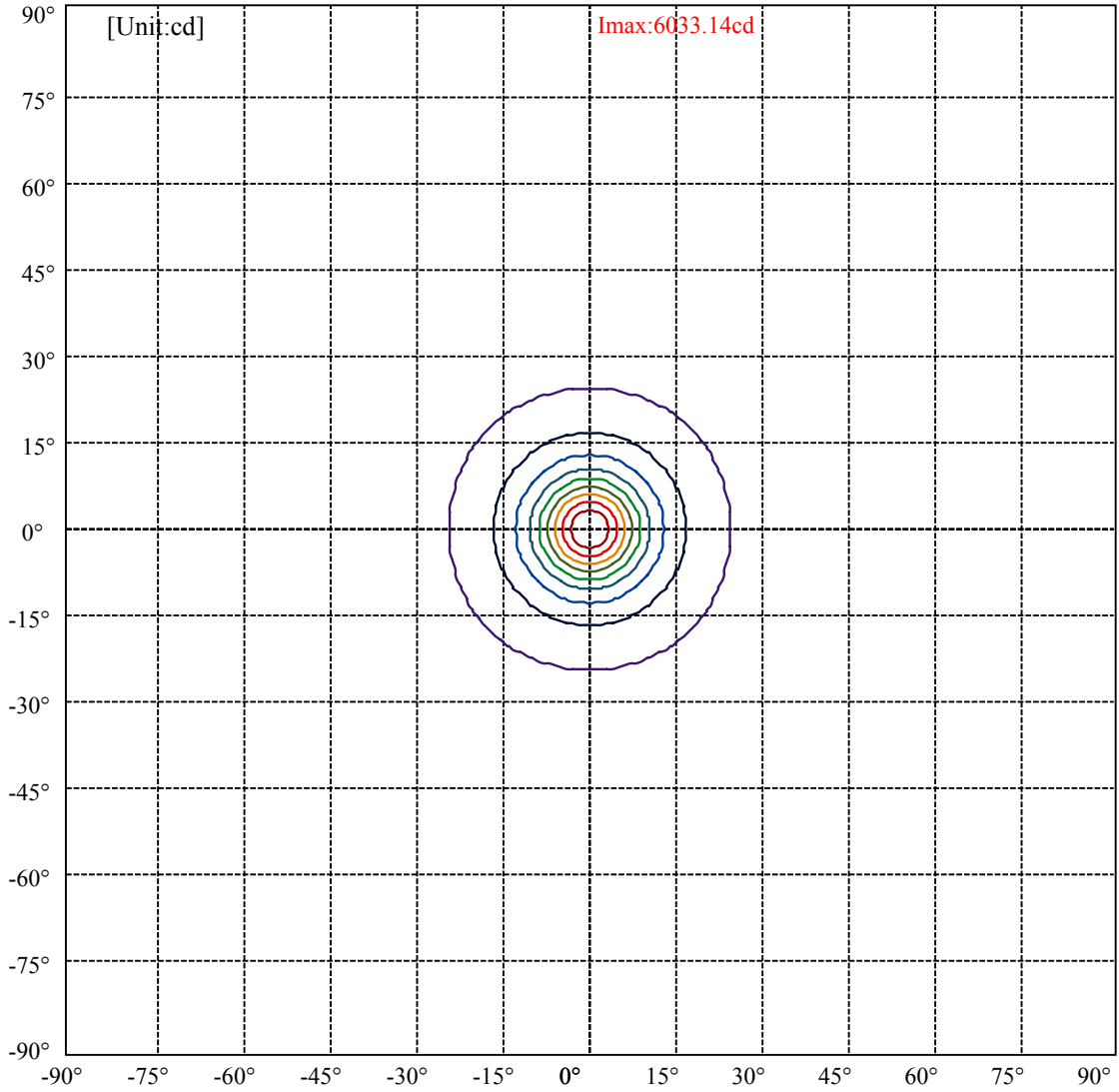
C0/C180: —————

C90/C270: —————

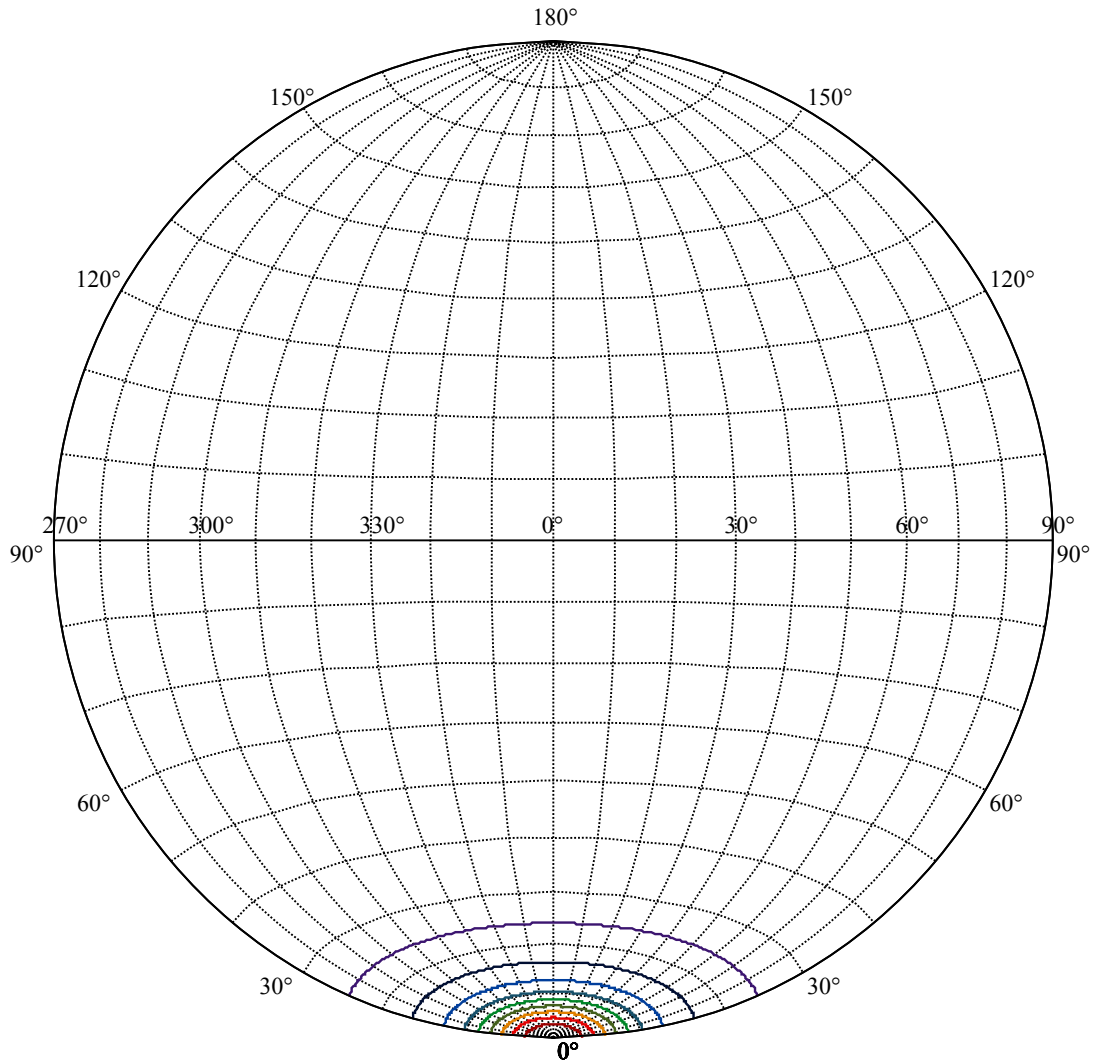
Field angle(10%Imax):C0/180Left:24.2 Right:24.2
:C90/270Left:24.2 Right:24.2

Beam Angle(50%Imax):C0/180Left:8.6 Right:8.6
:C90/270Left:8.6 Right:8.6





(10%Imax) 603.314	—
(20%Imax) 1206.63	—
(30%Imax) 1809.94	—
(40%Imax) 2413.26	—
(50%Imax) 3016.57	—
(60%Imax) 3619.89	—
(70%Imax) 4223.2	—
(80%Imax) 4826.51	—
(90%Imax) 5429.83	—



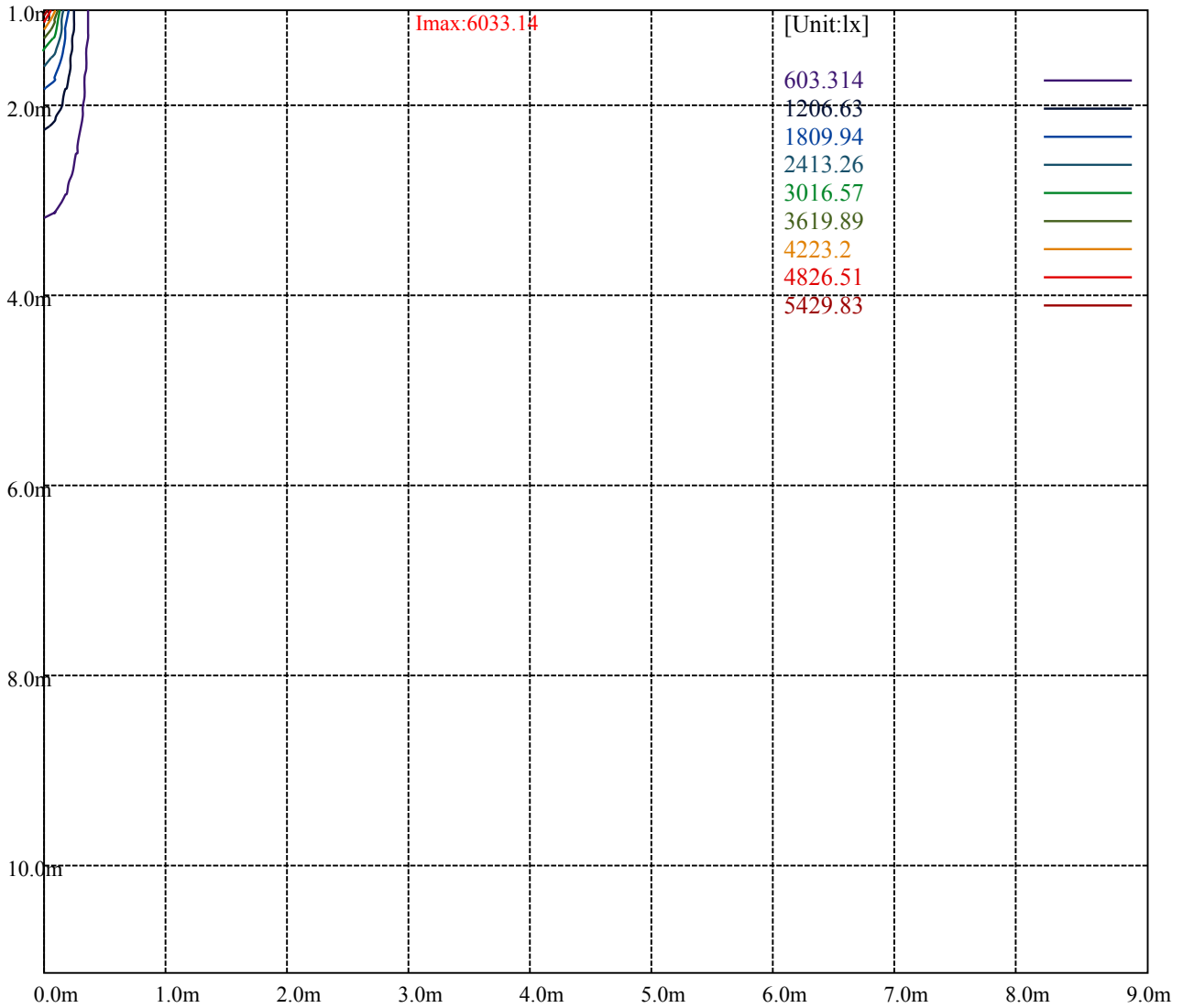
House

[Unit:cd]

Road

Imax:6033.14

(10%Imax) 603.314	—
(20%Imax) 1206.63	—
(30%Imax) 1809.94	—
(40%Imax) 2413.26	—
(50%Imax) 3016.57	—
(60%Imax) 3619.89	—
(70%Imax) 4223.2	—
(80%Imax) 4826.51	—
(90%Imax) 5429.83	—



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

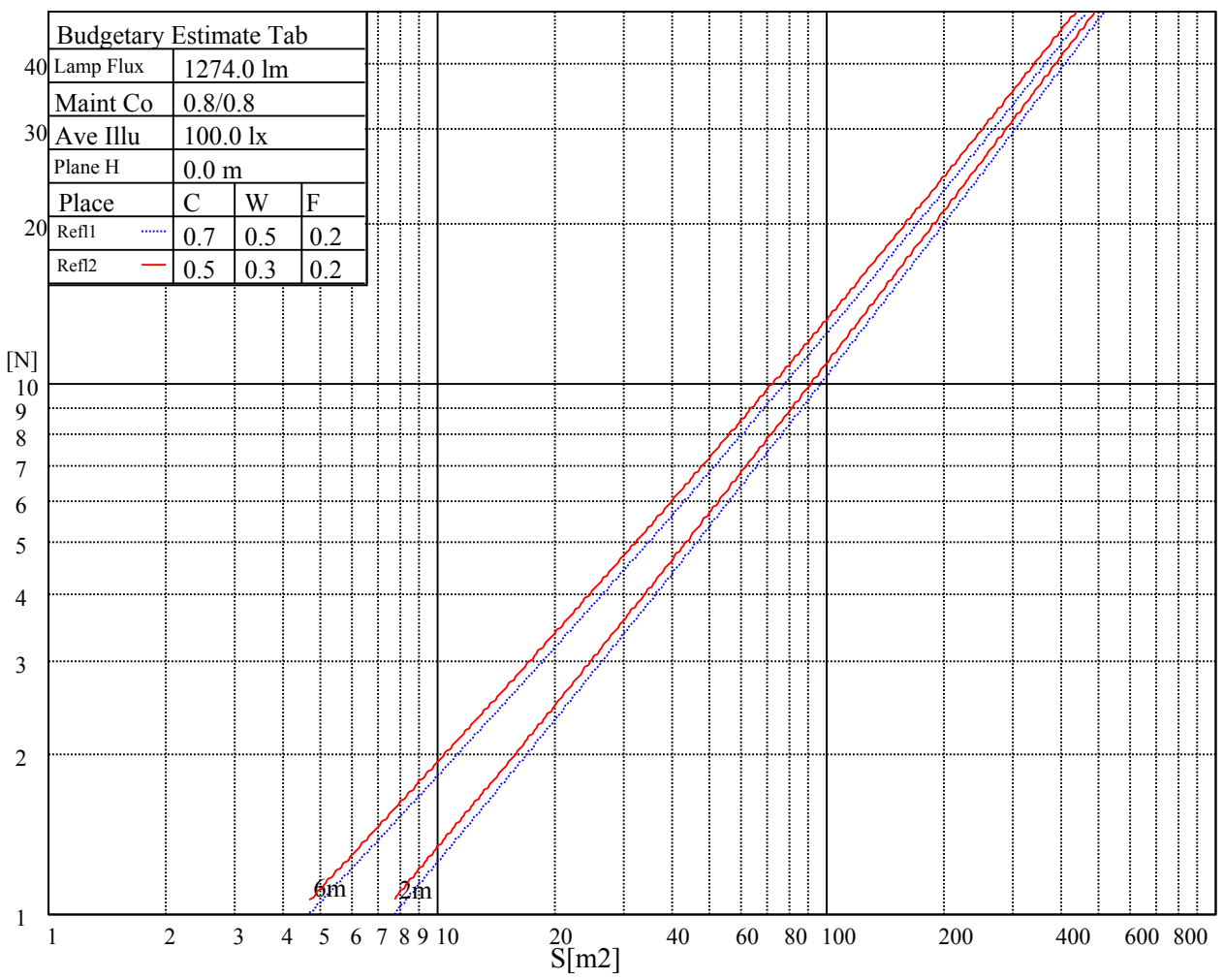
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

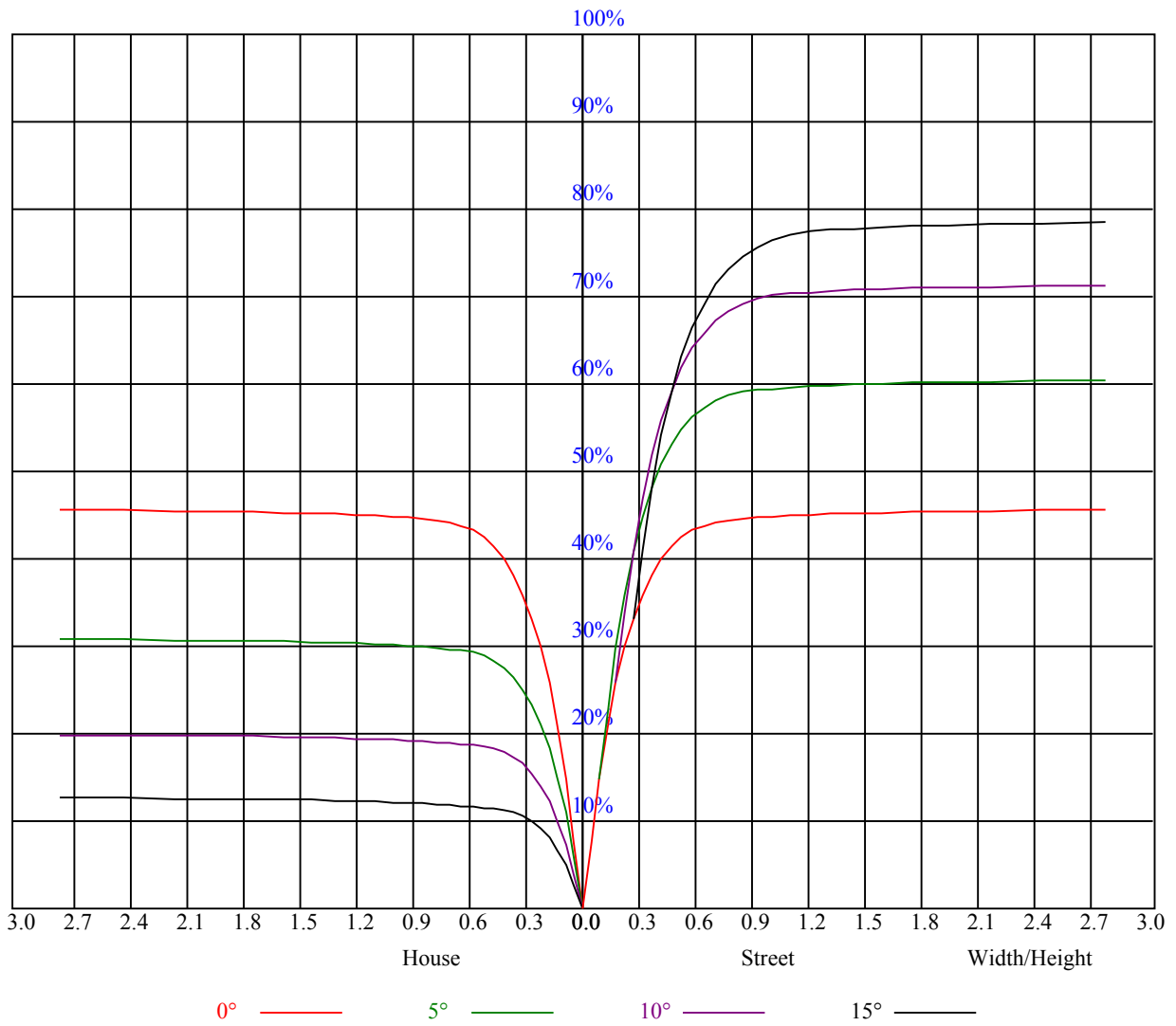


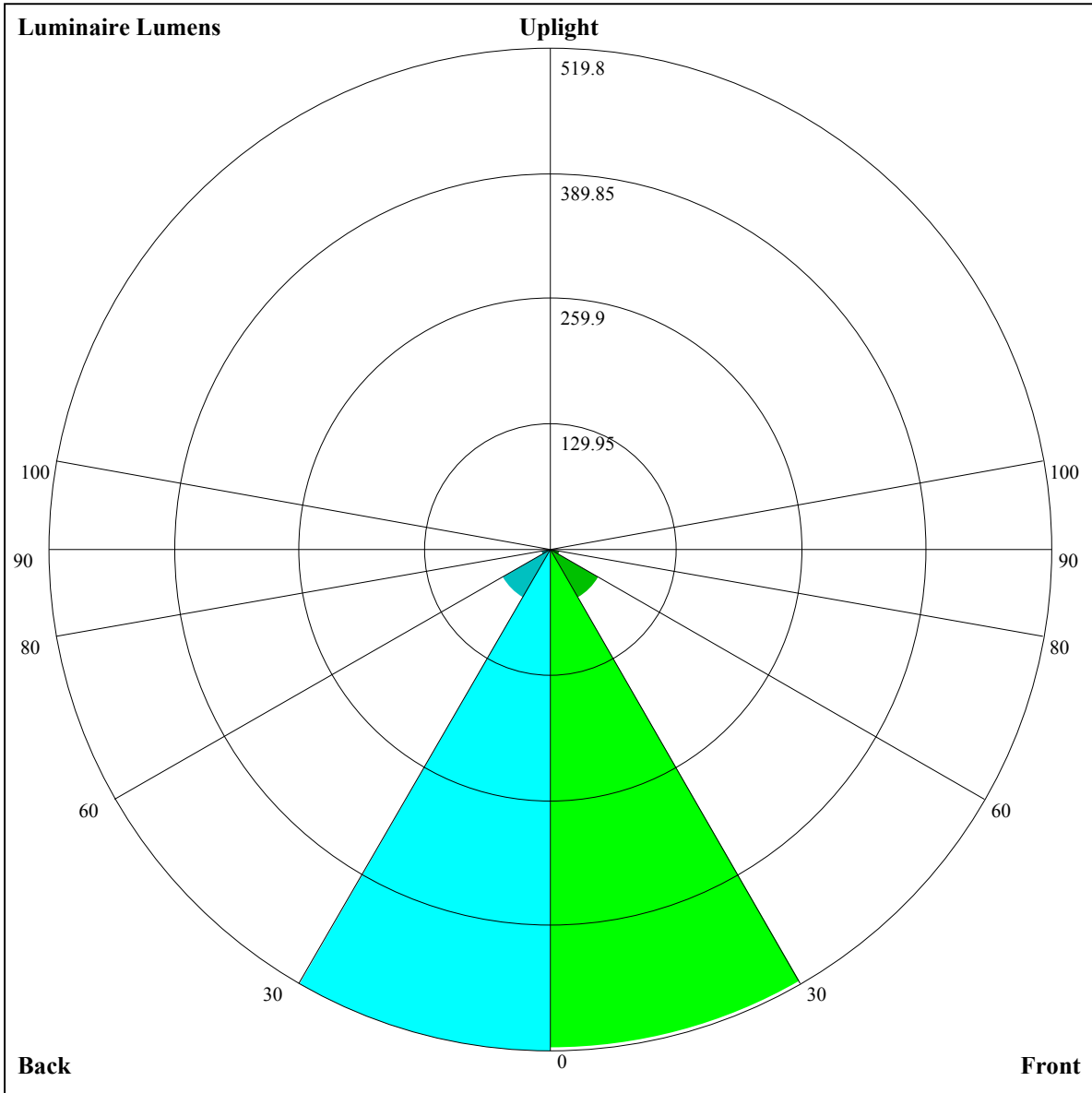
Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	3H	非数字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





Luminaire Lumens:
FL=516.94,FM=58.38,FH=9.26,FVH=3.15
BL=519.8,BM=58.1,BH=9.42,BVH=3.14
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	6048.36	5980.47	5798.47	5426.85	5039.43	4465.91	3997.15	3528.38	2993.48
45.0	6054.80	5996.86	5820.71	5545.65	5097.95	4670.15	4214.26	3655.37	3235.18
90.0	5919.61	5656.26	5236.07	4835.77	4384.56	3946.82	3411.92	3030.94	2682.14
135.0	6109.81	5959.99	5714.20	5398.17	4907.76	4490.49	4049.82	3629.62	3123.40
180.0	6048.36	5962.33	5788.52	5521.66	5183.98	4696.49	4279.81	3830.94	3399.63
225.0	6054.80	5996.86	5816.02	5540.38	5179.88	4673.67	4228.31	3654.20	3219.97
270.0	5919.61	6089.32	6173.01	6106.30	5936.00	5564.96	5160.57	4711.12	4113.02
315.0	6109.81	6156.63	6043.09	5770.38	5429.78	4997.88	4401.54	3909.36	3435.91
360.0	6048.36	5980.47	5798.47	5426.85	5039.43	4465.91	3997.15	3528.38	2993.48
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	2622.45	2299.41	2040.74	1831.23	1620.55	1481.26	1165.65	1165.65	1116.61
45.0	2860.64	2450.40	2173.00	1954.71	1718.28	1556.76	1415.72	1291.65	1157.63
90.0	2319.89	2081.12	1873.36	1655.66	1504.09	1163.90	1163.90	1112.40	1019.52
135.0	2772.27	2469.71	2145.49	1929.55	1739.35	1540.37	1399.92	1277.60	1140.08
180.0	2911.55	2558.08	2265.46	1968.17	1772.12	1607.67	1430.35	1302.18	1174.02
225.0	2827.87	2410.02	2153.10	1935.40	1707.75	1553.83	1415.72	1157.87	1157.87
270.0	3637.82	3190.12	2793.34	2366.71	2098.68	1880.39	1692.53	1494.72	1360.12
315.0	3000.51	2538.18	2238.54	2007.97	1808.40	1602.40	1461.95	1151.20	1151.20
360.0	2622.45	2299.41	2040.74	1831.23	1620.55	1481.26	1165.65	1165.65	1116.61
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	1029.53	951.69	861.04	793.97	710.46	644.51	587.62	531.68	487.79
45.0	1064.58	982.65	905.40	818.20	747.98	684.77	606.94	560.70	508.03
90.0	919.62	846.12	772.26	706.43	641.23	574.87	531.85	493.58	448.52
135.0	1047.03	963.92	873.80	803.57	733.93	668.39	596.99	549.58	508.03
180.0	1076.87	991.43	915.94	846.88	767.29	703.50	636.78	583.53	524.42
225.0	1060.31	975.57	898.79	829.56	746.86	683.25	624.38	560.00	516.34
270.0	1244.25	1104.38	1016.01	914.18	837.52	762.02	682.43	619.23	561.29
315.0	1104.55	1015.95	915.82	843.78	772.26	690.16	628.53	575.74	529.57
360.0	1029.53	951.69	861.04	793.97	710.46	644.51	587.62	531.68	487.79
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	440.21	392.39	334.46	289.92	244.27	200.62	151.57	116.99	88.37
45.0	460.63	412.64	353.53	308.47	296.77	296.77	162.81	126.53	95.33
90.0	391.22	344.46	301.04	247.32	204.77	153.62	117.28	87.78	63.32
135.0	465.90	406.79	358.80	302.62	302.62	248.19	170.42	124.65	93.75
180.0	486.97	429.61	383.97	337.73	302.03	302.03	188.15	134.84	101.30
225.0	462.85	417.38	369.86	310.99	265.22	220.16	178.44	130.74	98.38
270.0	512.72	462.97	420.25	373.43	329.54	297.94	297.94	193.18	156.78
315.0	476.08	429.96	384.49	337.79	280.97	235.96	193.59	145.84	112.54
360.0	440.21	392.39	334.46	289.92	244.27	200.62	151.57	116.99	88.37
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	65.49	57.35	51.56	45.12	40.50	35.58	32.25	29.44	26.98
45.0	71.75	58.46	50.74	45.71	40.91	35.58	32.36	28.85	26.51
90.0	55.25	49.80	44.65	39.62	34.70	31.66	28.97	26.10	23.99
135.0	70.23	53.96	47.99	43.07	38.45	33.59	30.61	27.92	25.63
180.0	74.97	54.43	46.29	40.44	36.64	33.01	29.73	26.80	24.76
225.0	73.45	57.35	49.22	43.01	38.86	34.41	31.43	28.91	26.28
270.0	114.65	87.02	67.59	54.19	48.69	43.19	39.21	35.52	32.48
315.0	86.32	66.54	59.05	51.91	46.70	42.02	37.69	33.24	30.26
360.0	65.49	57.35	51.56	45.12	40.50	35.58	32.25	29.44	26.98

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	24.93	22.59	21.01	19.72	18.55	17.38	16.44	15.68	14.98
45.0	24.46	22.18	20.89	19.66	18.61	17.62	16.85	16.21	15.74
90.0	22.24	20.37	19.14	17.85	17.15	16.39	15.86	15.27	14.81
135.0	23.35	21.71	20.31	18.73	17.73	16.68	15.92	15.33	14.98
180.0	22.53	21.01	19.78	18.49	17.62	16.97	16.21	15.57	15.10
225.0	24.52	23.00	21.42	20.42	19.49	18.73	17.91	17.26	16.74
270.0	29.20	26.86	24.93	23.06	20.95	19.66	18.43	17.03	16.15
315.0	27.74	25.52	23.00	21.36	19.84	18.61	17.32	16.39	15.39
360.0	24.93	22.59	21.01	19.72	18.55	17.38	16.44	15.68	14.98
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	14.57	14.10	13.81	13.64	13.40	13.17	12.93	12.82	12.41
45.0	15.27	14.98	14.63	14.40	14.40	14.10	13.81	13.64	13.23
90.0	14.46	14.28	14.10	13.81	13.34	13.11	12.64	12.06	11.41
135.0	14.69	14.40	14.05	13.87	13.75	13.58	13.28	12.99	12.29
180.0	14.86	14.57	14.28	14.10	14.10	13.99	13.81	13.58	13.34
225.0	16.33	15.80	15.45	15.16	15.04	14.86	14.51	14.28	13.93
270.0	15.39	14.69	14.28	13.81	13.46	13.34	13.05	12.64	12.35
315.0	14.86	14.40	13.93	13.58	13.28	13.11	12.76	12.52	12.23
360.0	14.57	14.10	13.81	13.64	13.40	13.17	12.93	12.82	12.41
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	12.00	11.53	11.06	10.48	10.01	9.60	9.13	8.84	8.54
45.0	12.35	11.88	11.29	10.65	10.12	9.66	9.19	8.84	8.43
90.0	10.94	10.36	9.83	9.48	9.13	8.84	8.49	8.25	8.02
135.0	11.70	11.06	10.53	10.07	9.66	9.31	8.95	8.54	8.25
180.0	12.87	12.17	11.76	11.12	10.59	10.01	9.60	9.19	8.90
225.0	13.05	12.47	11.82	11.12	10.53	9.89	9.36	8.95	8.54
270.0	11.94	11.53	10.89	10.36	9.95	9.48	8.95	8.66	8.43
315.0	11.88	11.24	10.71	10.30	9.66	9.25	8.90	8.43	8.13
360.0	12.00	11.53	11.06	10.48	10.01	9.60	9.13	8.84	8.54
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	8.25	8.02	7.84	7.61	7.43	7.26	7.14	6.91	6.79
45.0	8.08	7.78	7.49	7.32	7.08	6.91	6.73	6.61	6.38
90.0	7.78	7.49	7.37	7.14	6.91	6.73	6.55	6.38	6.26
135.0	7.96	7.72	7.43	7.26	7.02	6.91	6.67	6.50	6.26
180.0	8.49	8.25	7.96	7.78	7.55	7.37	7.20	7.02	6.85
225.0	8.19	7.90	7.61	7.43	7.14	7.02	6.85	6.67	6.50
270.0	8.08	7.84	7.67	7.43	7.26	7.14	6.91	6.79	6.61
315.0	7.84	7.61	7.32	7.14	7.02	6.79	6.61	6.50	6.38
360.0	8.25	8.02	7.84	7.61	7.43	7.26	7.14	6.91	6.79
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	6.67	6.50	6.38	6.20	6.09	5.91	5.74	5.56	5.44
45.0	6.26	6.09	5.97	5.85	5.74	5.56	5.38	5.27	5.21
90.0	6.09	5.91	5.79	5.68	5.56	5.38	5.21	5.15	5.09
135.0	6.14	6.03	5.85	5.74	5.62	5.50	5.27	5.15	5.03
180.0	6.61	6.50	6.38	6.20	6.09	5.91	5.68	5.44	5.21
225.0	6.32	6.14	6.09	5.91	5.79	5.56	5.38	5.27	5.21
270.0	6.44	6.32	6.14	5.97	5.85	5.68	5.50	5.38	5.33
315.0	6.20	6.03	5.91	5.79	5.68	5.44	5.33	5.27	5.15
360.0	6.67	6.50	6.38	6.20	6.09	5.91	5.74	5.56	5.44

Intensity data(cd)

<i>C/γ(°)</i>	90.0
0.0	5.15
45.0	5.09
90.0	5.09
135.0	5.03
180.0	5.15
225.0	5.15
270.0	5.21
315.0	5.09
360.0	5.15