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NT

Client:

LumCAT: 3-2834-L

Luminaire: 92.70.412.00

Report No: 2024315-B018

Ballast type: AC

Test No: 2024315-C018

Voltage(V): 34.660

LampCAT: BRIDGELUX V13B LES13

Current(A): 0.450

Lamp flux(lm): 2626.0

Power (W): 15.597

Number of Lamps: 1

PF: 0.000

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 2220.88, Efficiency(%): 84.57% , Luminous Efficacy(lm/W): 142.39

Central intensity(cd): 5168.181, Maximum intensity(cd): 5168.181

Angle of maximum intensity: C=0.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=35.2

[C90/270]Total=35.2

Field angle(10%Imax): [C0/180]Total=64.8

[C90/270]Total=64.8

Maximum s/h(1/2): C0_180=0.58 C90_270=0.58

Maximum s/h(1/4): C0_180=0.58 C90_270=0.58

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 84.57%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 98.009%

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	5168.180	0.000	0	0.00%	0.00%
1.0	5159.548	4.942	4.942	0.19%	0.22%
2.0	5131.823	14.771	19.713	0.56%	0.89%
3.0	5088.444	24.444	44.156	0.93%	1.99%
4.0	5037.163	33.894	78.05	1.29%	3.51%
5.0	4968.326	43.043	121.093	1.64%	5.45%
6.0	4886.395	51.789	172.882	1.97%	7.78%
7.0	4788.882	60.054	232.936	2.29%	10.49%
8.0	4648.793	67.544	300.48	2.57%	13.53%
9.0	4491.002	74.073	374.553	2.82%	16.87%
10.0	4314.630	79.688	454.241	3.03%	20.45%
11.0	4112.800	84.207	538.448	3.21%	24.24%
12.0	3890.195	87.484	625.933	3.33%	28.18%
13.0	3663.128	89.639	715.571	3.41%	32.22%
14.0	3421.430	90.682	806.253	3.45%	36.30%
15.0	3184.707	90.692	896.945	3.45%	40.39%
16.0	2945.423	89.824	986.769	3.42%	44.43%
17.0	2709.650	88.065	1074.833	3.35%	48.40%
18.0	2488.874	85.712	1160.546	3.26%	52.26%
19.0	2282.436	83.011	1243.557	3.16%	55.99%
20.0	2073.730	79.730	1323.287	3.04%	59.58%
21.0	1876.875	75.860	1399.146	2.89%	63.00%
22.0	1702.624	71.932	1471.078	2.74%	66.24%
23.0	1525.455	67.734	1538.812	2.58%	69.29%
24.0	1374.255	63.398	1602.21	2.41%	72.14%
25.0	1236.244	59.357	1661.567	2.26%	74.82%
26.0	1150.530	56.340	1717.907	2.15%	77.35%
27.0	1052.549	53.899	1771.806	2.05%	79.78%
28.0	957.962	50.902	1822.708	1.94%	82.07%
29.0	864.041	47.669	1870.376	1.82%	84.22%
30.0	773.580	44.215	1914.592	1.68%	86.21%
31.0	661.056	39.924	1954.516	1.52%	88.01%
32.0	561.421	35.023	1989.538	1.33%	89.58%
33.0	450.945	29.825	2019.363	1.14%	90.93%
34.0	352.993	24.330	2043.692	0.93%	92.02%
35.0	277.492	19.581	2063.273	0.75%	92.90%
36.0	205.999	15.394	2078.667	0.59%	93.60%
37.0	157.725	11.863	2090.53	0.45%	94.13%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	92.904	8.366	2098.896	0.32%	94.51%
39.0	78.120	5.838	2104.733	0.22%	94.77%
40.0	71.332	5.212	2109.946	0.20%	95.01%
41.0	65.604	4.876	2114.822	0.19%	95.22%
42.0	60.659	4.587	2119.409	0.17%	95.43%
43.0	56.357	4.335	2123.744	0.17%	95.63%
44.0	52.853	4.122	2127.866	0.16%	95.81%
45.0	49.656	3.940	2131.805	0.15%	95.99%
46.0	46.511	3.761	2135.566	0.14%	96.16%
47.0	44.024	3.601	2139.167	0.14%	96.32%
48.0	41.675	3.464	2142.631	0.13%	96.48%
49.0	39.671	3.341	2145.972	0.13%	96.63%
50.0	37.842	3.232	2149.204	0.12%	96.77%
51.0	36.255	3.135	2152.338	0.12%	96.91%
52.0	34.784	3.048	2155.387	0.12%	97.05%
53.0	33.329	2.963	2158.35	0.11%	97.18%
54.0	32.004	2.880	2161.229	0.11%	97.31%
55.0	30.512	2.791	2164.02	0.11%	97.44%
56.0	29.291	2.702	2166.722	0.10%	97.56%
57.0	28.069	2.623	2169.345	0.10%	97.68%
58.0	26.686	2.532	2171.877	0.10%	97.79%
59.0	25.443	2.437	2174.314	0.09%	97.90%
60.0	24.221	2.346	2176.66	0.09%	98.01%
61.0	23.102	2.258	2178.919	0.09%	98.11%
62.0	21.990	2.173	2181.091	0.08%	98.21%
63.0	21.032	2.092	2183.184	0.08%	98.30%
64.0	20.037	2.015	2185.199	0.08%	98.39%
65.0	19.195	1.942	2187.141	0.07%	98.48%
66.0	18.347	1.873	2189.014	0.07%	98.57%
67.0	17.564	1.806	2190.819	0.07%	98.65%
68.0	16.847	1.743	2192.562	0.07%	98.73%
69.0	16.174	1.685	2194.247	0.06%	98.80%
70.0	15.589	1.631	2195.878	0.06%	98.87%
71.0	14.967	1.579	2197.458	0.06%	98.95%
72.0	14.418	1.528	2198.986	0.06%	99.01%
73.0	13.892	1.480	2200.466	0.06%	99.08%
74.0	13.460	1.438	2201.904	0.05%	99.15%
75.0	12.992	1.398	2203.302	0.05%	99.21%

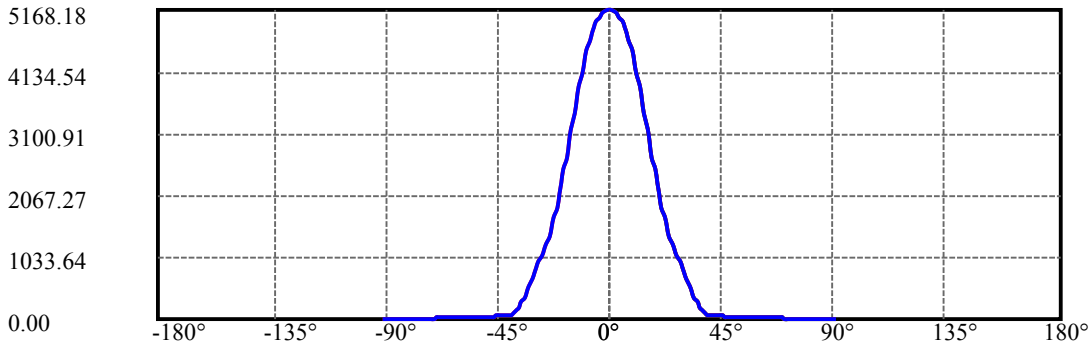
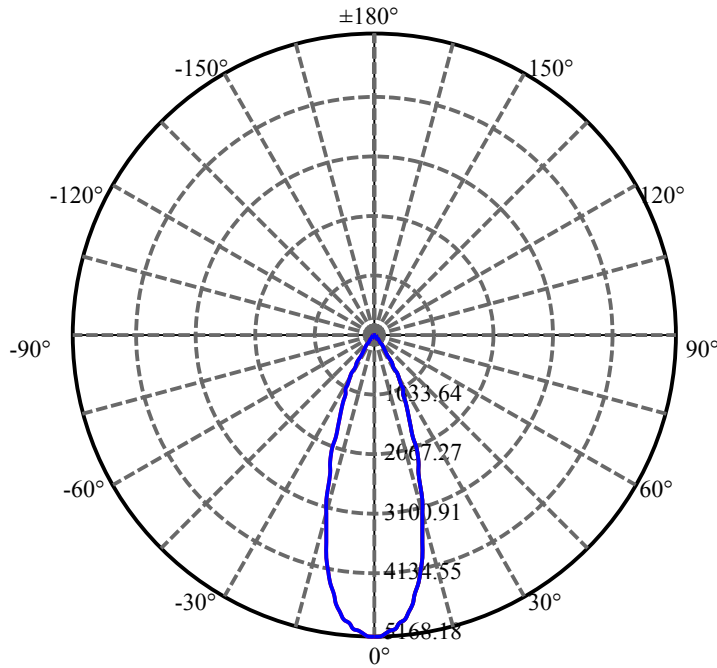
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	12.597	1.358	2204.66	0.05%	99.27%
77.0	12.275	1.326	2205.986	0.05%	99.33%
78.0	11.931	1.296	2207.282	0.05%	99.39%
79.0	11.661	1.268	2208.549	0.05%	99.44%
80.0	11.361	1.241	2209.791	0.05%	99.50%
81.0	11.061	1.213	2211.003	0.05%	99.56%
82.0	10.775	1.184	2212.187	0.05%	99.61%
83.0	10.512	1.157	2213.344	0.04%	99.66%
84.0	10.300	1.134	2214.478	0.04%	99.71%
85.0	10.095	1.113	2215.591	0.04%	99.76%
86.0	9.890	1.092	2216.684	0.04%	99.81%
87.0	9.715	1.073	2217.757	0.04%	99.86%
88.0	9.532	1.054	2218.811	0.04%	99.91%
89.0	9.400	1.038	2219.849	0.04%	99.95%
90.0	9.349	1.028	2220.877	0.04%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	1914.59	72.91%	86.21%
0-40	2109.95	80.35%	95.01%
0-60	2176.66	82.89%	98.01%
0-90	2219.85	84.53%	99.95%
0-120	2219.85	84.53%	99.95%
0-180	2220.88	84.57%	100.00%
60-90	43.19	1.64%	1.94%
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%
0-27.10	1776.70	67.66%	80.00%

ZONAL LUMEN SUMMARY

0-10	454.24
10-20	869.05
20-30	591.31
30-40	195.35
40-50	39.26
50-60	27.46
60-70	19.22
70-80	13.91
80-90	10.06
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



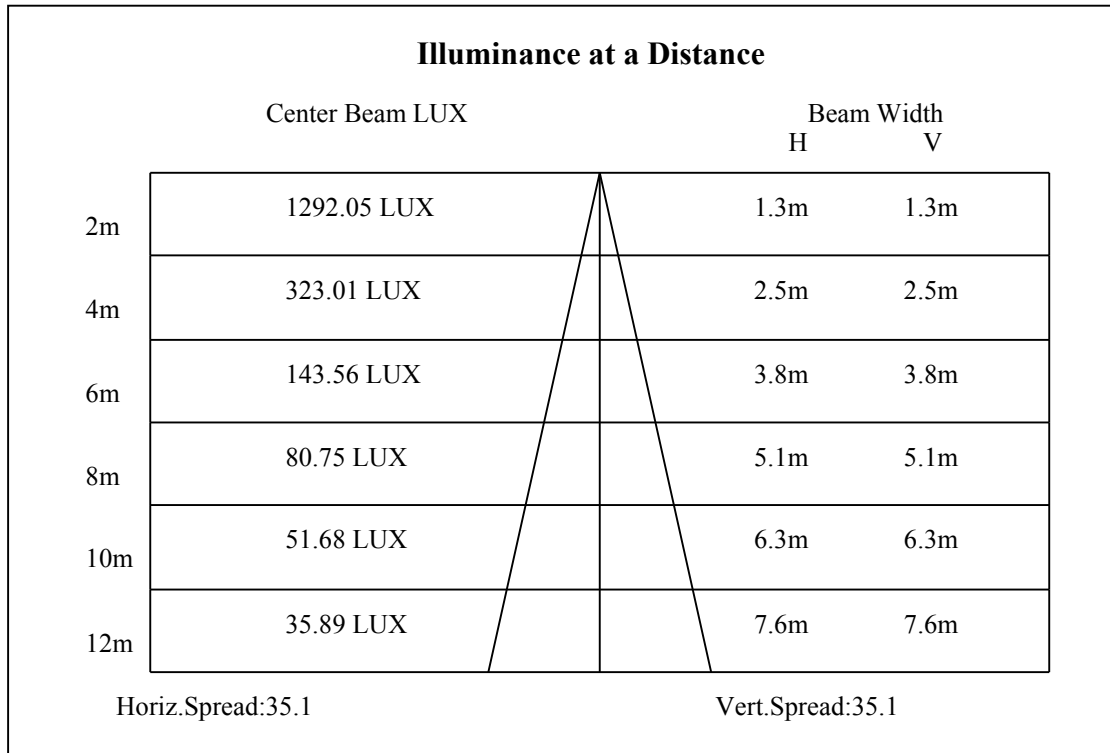
C0(Max): —————

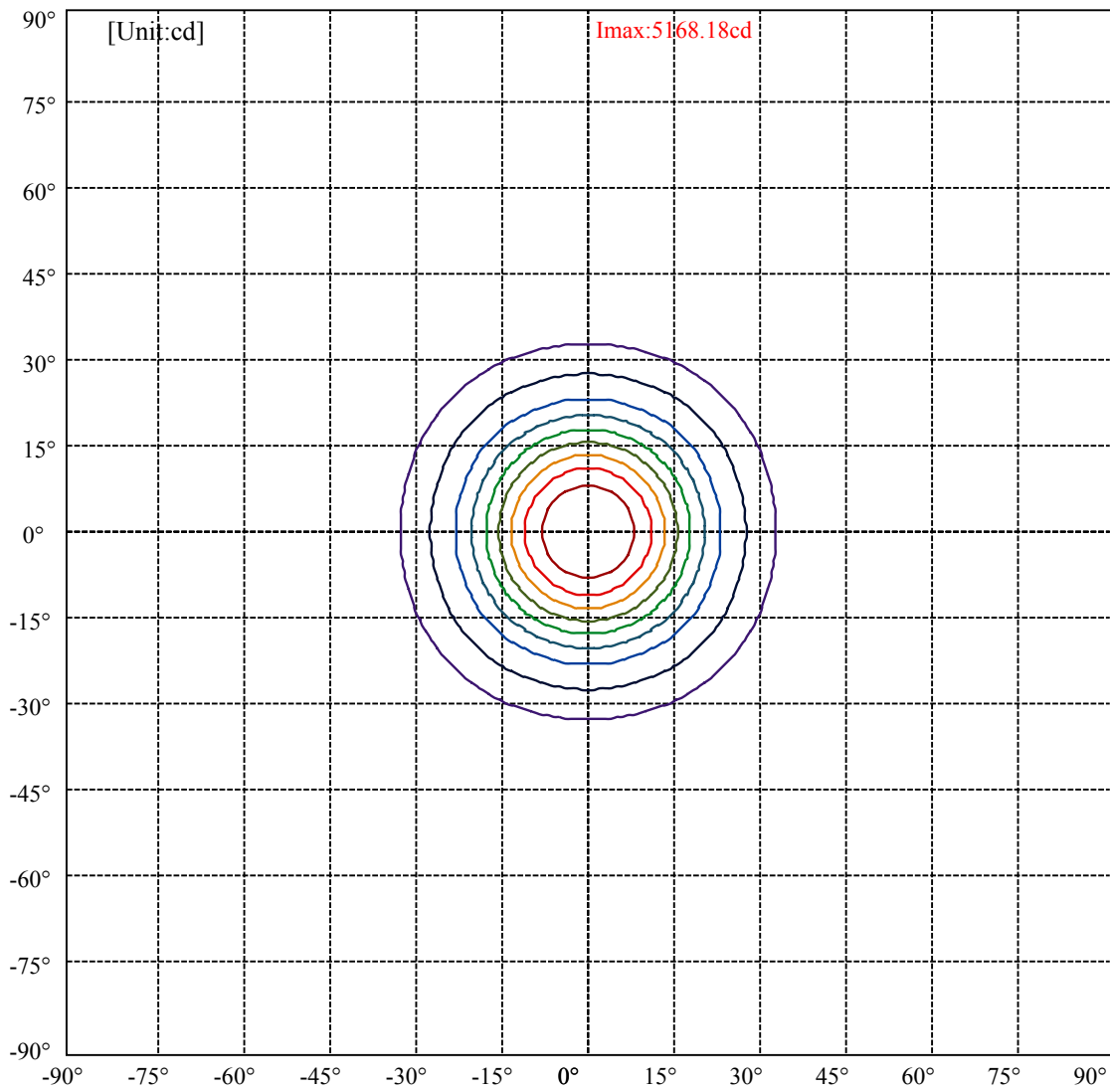
C0/C180: —————

C90/C270: —————

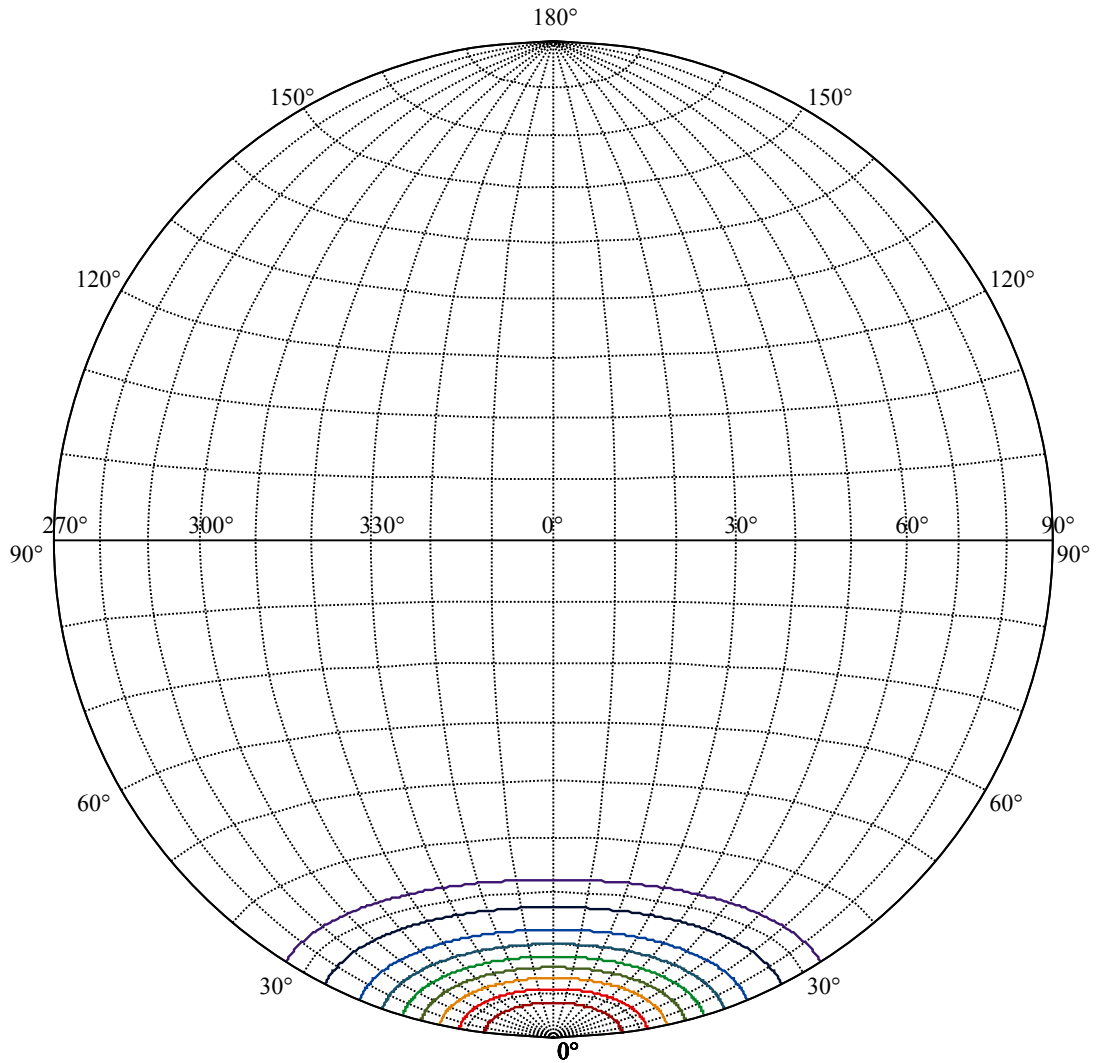
Field angle(10%Imax):C0/180Left:32.4 Right:32.4
:C90/270Left:32.4 Right:32.4

Beam Angle(50%Imax):C0/180Left:17.6 Right:17.6
:C90/270Left:17.6 Right:17.6





(10%Imax) 516.818	—
(20%Imax) 1033.64	—
(30%Imax) 1550.45	—
(40%Imax) 2067.27	—
(50%Imax) 2584.09	—
(60%Imax) 3100.91	—
(70%Imax) 3617.73	—
(80%Imax) 4134.54	—
(90%Imax) 4651.36	—



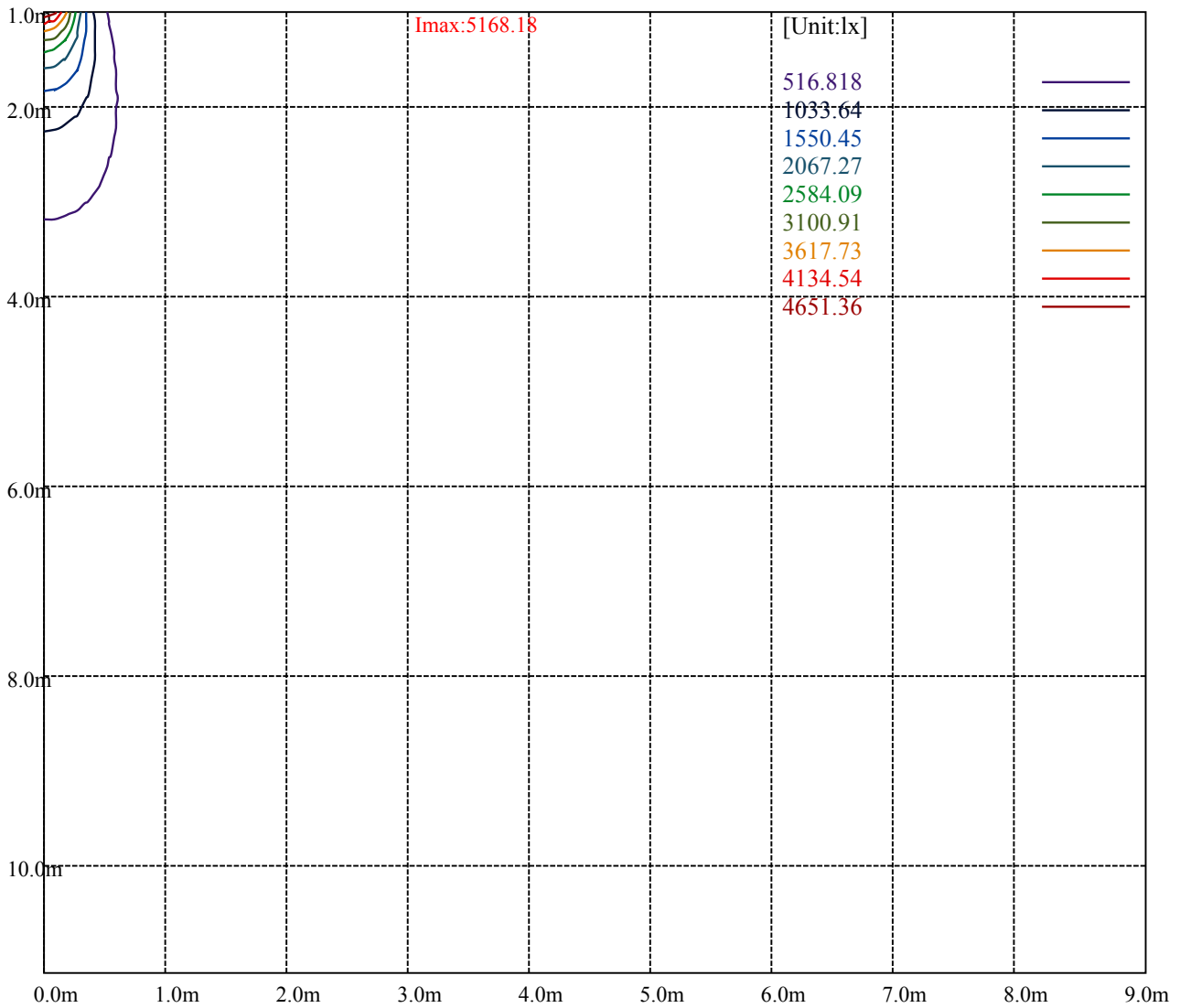
House

[Unit:cd]

Road

Imax:5168.18

(10%Imax)	516.818	—
(20%Imax)	1033.64	—
(30%Imax)	1550.45	—
(40%Imax)	2067.27	—
(50%Imax)	2584.09	—
(60%Imax)	3100.91	—
(70%Imax)	3617.73	—
(80%Imax)	4134.54	—
(90%Imax)	4651.36	—



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

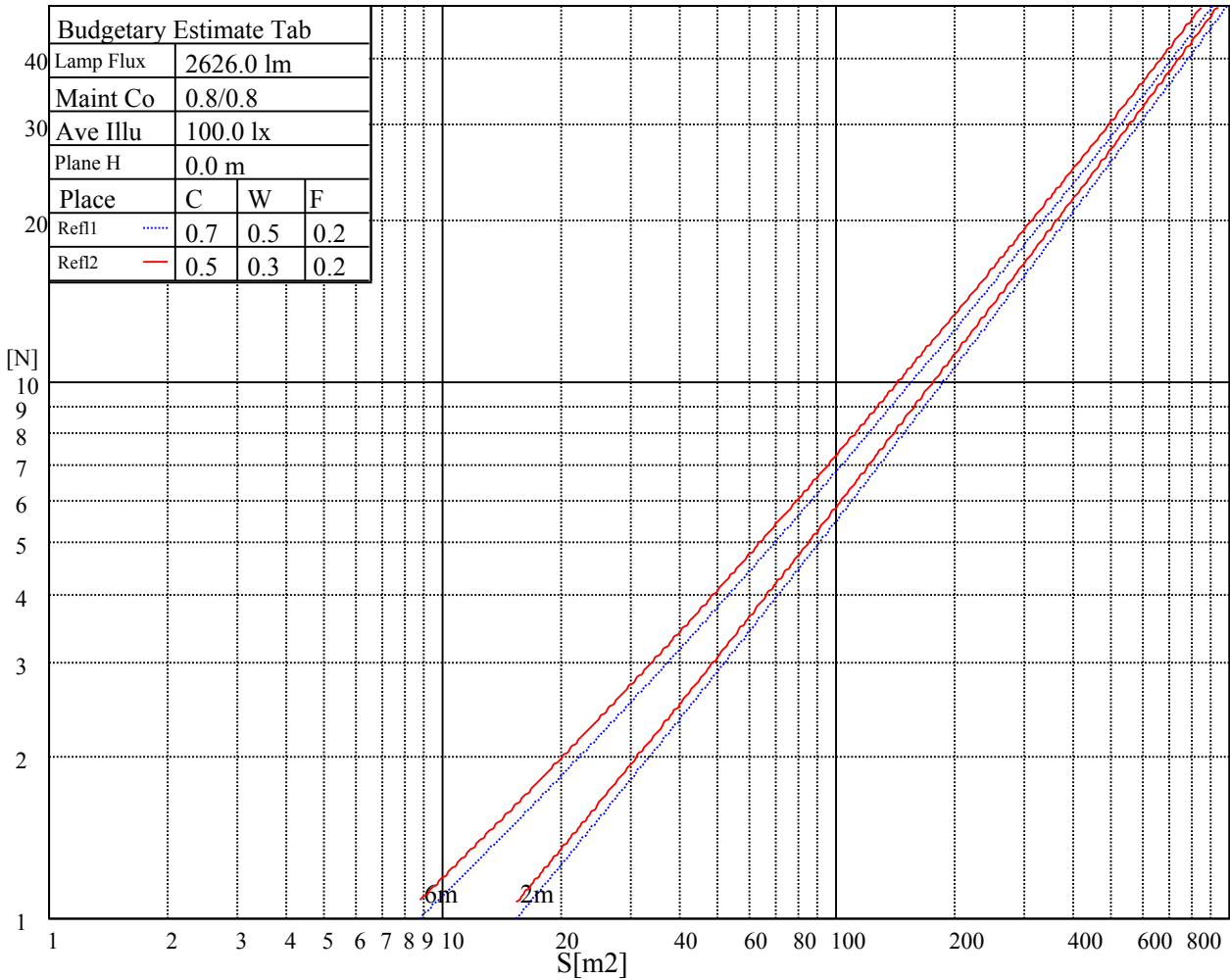
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

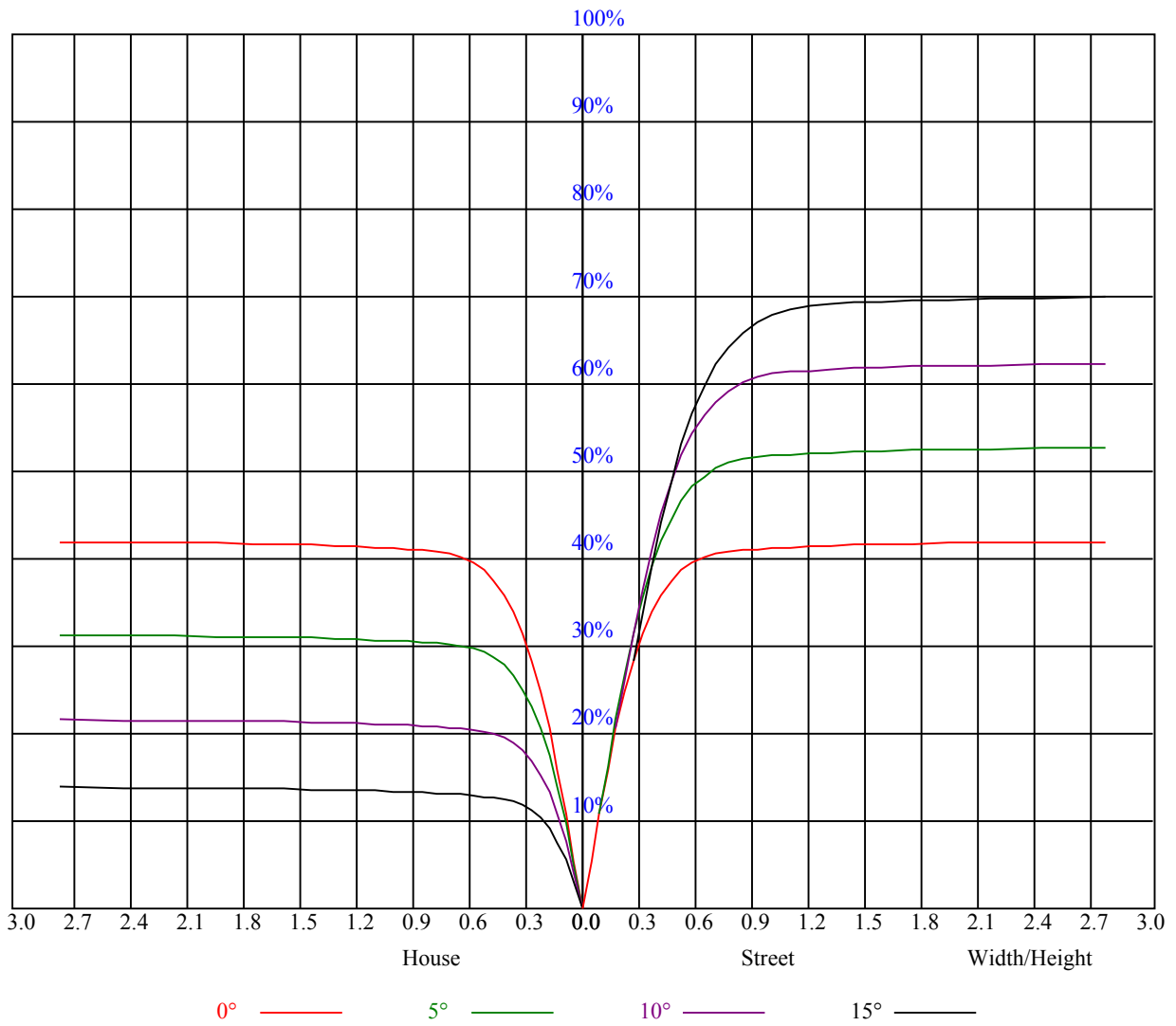


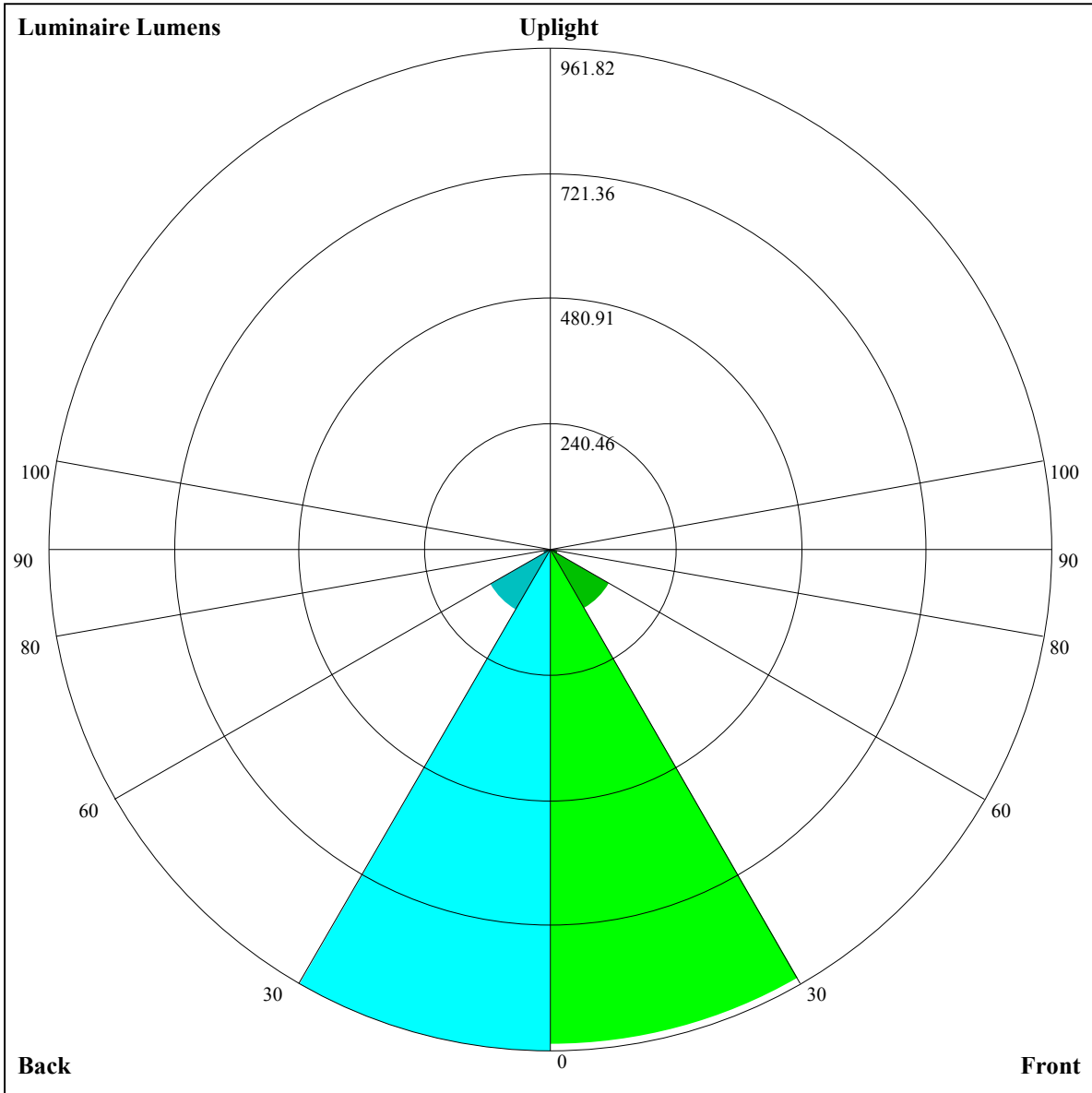
Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	3H	非数字	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	1.01	1.01	1.01	0.98	0.98	0.98	0.94	0.94	0.94	0.90	0.90	0.90	0.86	0.86	0.86	0.85
1	0.94	0.92	0.90	0.92	0.91	0.89	0.89	0.88	0.86	0.86	0.85	0.84	0.83	0.82	0.81	0.80
2	0.89	0.85	0.83	0.87	0.84	0.82	0.84	0.82	0.80	0.82	0.80	0.78	0.80	0.78	0.77	0.76
3	0.84	0.80	0.77	0.83	0.79	0.76	0.80	0.77	0.75	0.78	0.76	0.74	0.76	0.75	0.73	0.72
4	0.79	0.75	0.72	0.78	0.75	0.72	0.77	0.73	0.71	0.75	0.72	0.70	0.73	0.71	0.69	0.68
5	0.75	0.71	0.68	0.75	0.71	0.68	0.73	0.70	0.67	0.72	0.69	0.67	0.71	0.68	0.66	0.65
6	0.72	0.68	0.64	0.71	0.67	0.64	0.70	0.66	0.64	0.69	0.66	0.63	0.68	0.65	0.63	0.62
7	0.69	0.64	0.61	0.68	0.64	0.61	0.67	0.63	0.61	0.66	0.63	0.60	0.65	0.62	0.60	0.59
8	0.66	0.61	0.58	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
9	0.63	0.59	0.56	0.63	0.59	0.56	0.62	0.58	0.56	0.61	0.58	0.55	0.61	0.58	0.55	0.54
10	0.61	0.56	0.54	0.60	0.56	0.54	0.60	0.56	0.53	0.59	0.56	0.53	0.58	0.55	0.53	0.52





Luminaire Lumens:

FL=950.81,FM=130.97,FH=16.56,FVH=5.55

BL=961.82,BM=135.53,BH=16.62,BVH=5.55

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	5161.74	5124.87	5083.32	5031.24	4969.20	4873.81	4779.01	4658.45	4475.27
45.0	5176.96	5166.42	5140.09	5105.56	5047.04	4979.15	4900.15	4807.68	4655.52
90.0	5162.91	5142.43	5092.10	5035.33	4976.23	4868.55	4760.28	4622.17	4419.68
135.0	5171.11	5154.72	5120.78	5078.06	5004.32	4936.43	4836.94	4728.68	4551.35
180.0	5161.74	5181.64	5173.45	5143.60	5109.66	5065.18	4992.03	4922.97	4830.51
225.0	5176.96	5167.60	5139.50	5082.74	5031.82	4980.32	4900.15	4805.93	4673.67
270.0	5162.91	5174.03	5171.11	5131.31	5095.03	5057.57	5001.39	4924.14	4841.04
315.0	5171.11	5164.67	5134.24	5099.71	5064.01	4985.59	4921.22	4841.04	4743.31
360.0	5161.74	5124.87	5083.32	5031.24	4969.20	4873.81	4779.01	4658.45	4475.27
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	4305.56	4111.85	3903.51	3630.21	3410.75	3191.29	2915.65	2700.87	2439.86
45.0	4509.22	4340.09	4105.41	3905.85	3695.75	3416.60	3188.36	2976.51	2702.63
90.0	4240.01	4046.30	3780.61	3566.42	3345.20	3067.22	2850.69	2631.23	2426.40
135.0	4376.37	4189.68	3993.05	3729.11	3505.56	3277.32	3053.76	2788.66	2577.39
180.0	4685.37	4534.97	4361.16	4167.45	3905.85	3684.64	3461.66	3180.76	2961.30
225.0	4526.19	4310.24	4114.19	3905.26	3689.32	3413.09	3193.05	2974.76	2699.70
270.0	4704.68	4561.30	4403.29	4170.96	3967.88	3751.35	3528.38	3245.13	3020.40
315.0	4580.61	4422.60	4241.18	4046.30	3784.71	3569.93	3286.10	3065.47	2849.52
360.0	4305.56	4111.85	3903.51	3630.21	3410.75	3191.29	2915.65	2700.87	2439.86
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	2242.64	2060.05	1887.41	1688.43	1545.64	1412.21	1141.89	1141.89	1043.05
45.0	2495.46	2294.14	2103.94	1885.07	1728.23	1583.09	1418.06	1294.58	1175.78
90.0	2186.46	2002.70	1832.98	1676.14	1500.58	1167.64	1167.64	1116.96	1023.44
135.0	2376.66	2132.62	1945.35	1734.08	1583.68	1447.32	1320.91	1173.43	1069.85
180.0	2745.35	2532.33	2277.17	2041.91	1864.00	1699.55	1556.76	1391.72	1271.75
225.0	2484.34	2279.51	2038.98	1864.00	1666.78	1525.15	1309.79	1156.05	1156.05
270.0	2804.46	2582.66	2321.65	2126.77	1940.66	1729.98	1576.07	1447.91	1296.92
315.0	2575.63	2375.49	2182.36	1998.60	1791.43	1638.69	1502.92	1167.41	1167.41
360.0	2242.64	2060.05	1887.41	1688.43	1545.64	1412.21	1141.89	1141.89	1043.05
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	959.48	862.97	763.78	665.05	544.03	446.64	350.67	238.71	160.88
45.0	1072.78	962.75	890.77	795.38	668.39	572.41	450.68	358.22	312.57
90.0	925.65	846.65	752.77	648.72	524.95	426.80	332.64	243.86	153.15
135.0	975.63	900.72	803.57	708.77	611.03	516.81	396.84	306.13	306.13
180.0	1161.14	1054.63	945.78	872.63	771.97	671.31	539.64	448.34	357.63
225.0	1029.06	944.20	871.99	770.80	644.33	547.19	449.34	333.70	247.14
270.0	1181.63	1071.61	964.51	890.77	791.87	700.57	572.99	476.43	379.87
315.0	1115.03	1020.16	919.15	836.52	731.88	609.63	514.76	418.55	302.56
360.0	959.48	862.97	763.78	665.05	544.03	446.64	350.67	238.71	160.88
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	107.68	89.83	79.42	73.33	67.77	62.91	57.88	54.31	51.03
45.0	312.57	121.84	90.77	81.93	75.03	67.89	62.97	58.87	55.19
90.0	102.71	86.03	77.54	69.82	64.49	59.05	55.30	51.91	48.28
135.0	131.03	94.05	81.58	74.27	68.65	63.38	58.17	54.54	51.27
180.0	311.98	311.98	112.25	81.76	74.79	68.59	62.50	58.23	54.60
225.0	154.67	102.88	81.40	72.51	66.83	62.15	57.82	53.43	50.27
270.0	309.06	309.06	118.92	86.50	76.08	69.70	64.78	59.17	55.54
315.0	218.29	146.13	101.36	84.86	77.02	71.16	65.84	60.40	56.65
360.0	107.68	89.83	79.42	73.33	67.77	62.91	57.88	54.31	51.03

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	48.05	44.83	42.55	40.03	38.16	36.58	34.76	33.53	32.19
45.0	51.09	48.16	45.47	42.60	40.50	38.16	36.69	35.23	33.94
90.0	45.59	43.25	41.08	38.86	37.22	35.87	34.53	32.95	31.66
135.0	48.28	45.00	42.72	40.85	38.57	37.04	35.64	33.94	32.66
180.0	51.27	47.81	45.35	43.13	41.14	38.98	37.34	35.93	34.29
225.0	47.58	45.18	42.37	40.56	38.98	36.93	35.64	34.29	32.66
270.0	52.26	48.52	46.06	43.77	41.26	39.56	37.92	36.40	34.76
315.0	53.14	49.33	46.58	43.60	41.55	39.62	37.51	35.99	34.47
360.0	48.05	44.83	42.55	40.03	38.16	36.58	34.76	33.53	32.19
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	30.96	29.32	28.09	26.92	25.34	24.29	23.12	21.89	20.95
45.0	32.36	30.96	29.79	28.62	26.98	25.75	24.64	23.12	22.12
90.0	30.43	28.91	27.68	26.51	25.05	23.99	22.53	21.59	20.66
135.0	31.31	29.90	28.62	27.39	25.93	24.64	23.58	22.53	21.24
180.0	33.01	31.37	30.20	29.09	27.80	26.45	25.22	24.17	23.12
225.0	31.43	29.96	28.79	27.62	26.45	25.34	23.99	22.94	21.95
270.0	33.42	32.19	30.90	29.44	28.21	26.80	25.63	24.52	23.23
315.0	33.12	31.49	30.26	28.97	27.74	26.28	25.05	24.05	22.65
360.0	30.96	29.32	28.09	26.92	25.34	24.29	23.12	21.89	20.95
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	20.01	19.08	18.26	17.62	16.80	16.09	15.57	15.04	14.34
45.0	21.30	20.07	19.31	18.55	17.62	16.97	16.33	15.80	15.10
90.0	19.78	18.84	18.08	17.38	16.80	15.98	15.39	14.86	14.34
135.0	20.31	19.55	18.79	17.79	17.21	16.33	15.68	15.22	14.46
180.0	21.89	20.89	20.01	19.02	18.20	17.56	16.74	16.09	15.45
225.0	21.07	19.90	19.14	18.32	17.38	16.85	15.98	15.51	14.98
270.0	22.18	21.24	20.31	19.25	18.49	17.73	17.15	16.27	15.68
315.0	21.71	20.72	19.66	18.84	18.02	17.26	16.56	15.92	15.39
360.0	20.01	19.08	18.26	17.62	16.80	16.09	15.57	15.04	14.34
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	13.93	13.46	13.11	12.58	12.29	11.94	11.59	11.35	11.00
45.0	14.51	13.99	13.64	13.05	12.70	12.41	12.00	11.70	11.41
90.0	13.81	13.34	12.87	12.52	12.17	11.88	11.59	11.35	11.06
135.0	13.99	13.58	13.11	12.64	12.35	12.06	11.76	11.47	11.18
180.0	14.92	14.40	13.93	13.46	12.99	12.64	12.29	12.06	11.70
225.0	14.28	13.81	13.34	12.93	12.52	12.23	11.88	11.65	11.41
270.0	15.22	14.46	13.99	13.52	12.99	12.64	12.29	11.94	11.65
315.0	14.69	14.10	13.69	13.23	12.76	12.41	12.06	11.76	11.47
360.0	13.93	13.46	13.11	12.58	12.29	11.94	11.59	11.35	11.00
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	10.77	10.48	10.30	10.12	9.95	9.71	9.60	9.36	9.36
45.0	11.12	10.89	10.53	10.36	10.18	9.95	9.77	9.54	9.31
90.0	10.77	10.48	10.30	10.07	9.89	9.71	9.54	9.36	9.36
135.0	10.89	10.65	10.36	10.12	9.95	9.77	9.60	9.42	9.31
180.0	11.41	11.06	10.71	10.48	10.24	10.07	9.89	9.66	9.48
225.0	11.00	10.77	10.48	10.30	10.07	9.89	9.71	9.54	9.36
270.0	11.35	11.00	10.77	10.53	10.30	10.07	9.83	9.71	9.54
315.0	11.18	10.89	10.65	10.42	10.18	9.95	9.77	9.66	9.48
360.0	10.77	10.48	10.30	10.12	9.95	9.71	9.60	9.36	9.36

Intensity data(cd)

<i>C/γ</i> (°)	90.0
0.0	9.36
45.0	9.48
90.0	9.36
135.0	9.31
180.0	9.31
225.0	9.36
270.0	9.31
315.0	9.31
360.0	9.36