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NT

Client:

LumCAT: 2-2686-L

Luminaire: 92.70.411.00

Report No: 2024403-B018

Ballast type: AC

Test No: 2024403-C018

Voltage(V): 34.410

LampCAT: Fortimo_SLM_C_1208

Current(A): 0.578

Lamp flux(lm): 3438.0

Power (W): 19.888

Number of Lamps: 1

PF: 0.000

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 2913.80, Efficiency(%): 84.75% , Luminous Efficacy(lm/W): 146.51

Central intensity(cd): 15135.970, Maximum intensity(cd): 15135.970

Angle of maximum intensity: C=0.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=18.6

[C90/270]Total=18.6

Field angle(10%Imax): [C0/180]Total=46.8

[C90/270]Total=46.8

Maximum s/h(1/2): C0_180=0.32 C90_270=0.32

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(%): 84.75%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 97.966%

Equipment: GMS1980
Temperature(°C): 25.0

Date: 2024/4/03
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	15135.967	0.000	0	0.00%	0.00%
1.0	15029.895	14.434	14.434	0.42%	0.50%
2.0	14729.235	42.713	57.147	1.24%	1.96%
3.0	14005.027	68.723	125.87	2.00%	4.32%
4.0	13247.460	91.223	217.093	2.65%	7.45%
5.0	12311.408	109.953	327.046	3.20%	11.22%
6.0	11532.034	125.304	452.349	3.64%	15.52%
7.0	10345.929	135.796	588.145	3.95%	20.18%
8.0	9083.014	139.049	727.195	4.04%	24.96%
9.0	7887.253	137.535	864.729	4.00%	29.68%
10.0	6750.014	132.462	997.191	3.85%	34.22%
11.0	5785.125	125.252	1122.443	3.64%	38.52%
12.0	4986.512	117.749	1240.193	3.42%	42.56%
13.0	4318.770	110.430	1350.623	3.21%	46.35%
14.0	3801.724	103.942	1454.564	3.02%	49.92%
15.0	3377.655	98.562	1553.126	2.87%	53.30%
16.0	3036.103	93.980	1647.106	2.73%	56.53%
17.0	2808.890	91.022	1738.128	2.65%	59.65%
18.0	2601.874	89.212	1827.34	2.59%	62.71%
19.0	2353.314	86.210	1913.55	2.51%	65.67%
20.0	2074.535	81.042	1994.592	2.36%	68.45%
21.0	1879.509	75.926	2070.517	2.21%	71.06%
22.0	1719.230	72.318	2142.835	2.10%	73.54%
23.0	1572.631	69.072	2211.908	2.01%	75.91%
24.0	1404.694	65.095	2277.003	1.89%	78.15%
25.0	1272.382	60.871	2337.873	1.77%	80.23%
26.0	1202.550	58.421	2396.294	1.70%	82.24%
27.0	1091.072	56.114	2452.408	1.63%	84.17%
28.0	964.707	52.048	2504.456	1.51%	85.95%
29.0	840.434	47.228	2551.684	1.37%	87.57%
30.0	722.555	42.200	2593.884	1.23%	89.02%
31.0	594.874	36.662	2630.547	1.07%	90.28%
32.0	482.547	30.867	2661.413	0.90%	91.34%
33.0	381.742	25.462	2686.876	0.74%	92.21%
34.0	294.478	20.464	2707.34	0.60%	92.91%
35.0	244.178	16.729	2724.069	0.49%	93.49%
36.0	193.629	13.940	2738.009	0.41%	93.97%
37.0	151.529	11.257	2749.266	0.33%	94.35%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	129.861	9.392	2758.658	0.27%	94.68%
39.0	117.023	8.427	2767.085	0.25%	94.96%
40.0	105.019	7.744	2774.829	0.23%	95.23%
41.0	93.548	7.071	2781.9	0.21%	95.47%
42.0	84.243	6.459	2788.359	0.19%	95.70%
43.0	75.852	5.930	2794.29	0.17%	95.90%
44.0	68.223	5.438	2799.728	0.16%	96.09%
45.0	62.136	5.010	2804.737	0.15%	96.26%
46.0	57.125	4.664	2809.402	0.14%	96.42%
47.0	52.144	4.346	2813.747	0.13%	96.57%
48.0	48.164	4.055	2817.802	0.12%	96.71%
49.0	44.792	3.817	2821.62	0.11%	96.84%
50.0	41.741	3.608	2825.228	0.10%	96.96%
51.0	39.056	3.418	2828.646	0.10%	97.08%
52.0	36.913	3.260	2831.906	0.09%	97.19%
53.0	34.894	3.124	2835.029	0.09%	97.30%
54.0	33.255	3.004	2838.033	0.09%	97.40%
55.0	31.844	2.906	2840.939	0.08%	97.50%
56.0	30.688	2.826	2843.765	0.08%	97.60%
57.0	29.700	2.761	2846.526	0.08%	97.69%
58.0	28.874	2.709	2849.234	0.08%	97.78%
59.0	28.215	2.669	2851.903	0.08%	97.88%
60.0	27.667	2.640	2854.543	0.08%	97.97%
61.0	27.154	2.616	2857.16	0.08%	98.06%
62.0	26.664	2.593	2859.753	0.08%	98.15%
63.0	26.079	2.565	2862.318	0.07%	98.23%
64.0	25.267	2.520	2864.838	0.07%	98.32%
65.0	24.440	2.460	2867.298	0.07%	98.40%
66.0	23.519	2.393	2869.69	0.07%	98.49%
67.0	22.509	2.314	2872.005	0.07%	98.57%
68.0	21.573	2.233	2874.238	0.06%	98.64%
69.0	20.922	2.168	2876.406	0.06%	98.72%
70.0	20.468	2.126	2878.532	0.06%	98.79%
71.0	20.139	2.099	2880.63	0.06%	98.86%
72.0	19.898	2.082	2882.712	0.06%	98.93%
73.0	19.700	2.071	2884.783	0.06%	99.00%
74.0	19.539	2.063	2886.846	0.06%	99.08%
75.0	19.225	2.048	2888.894	0.06%	99.15%

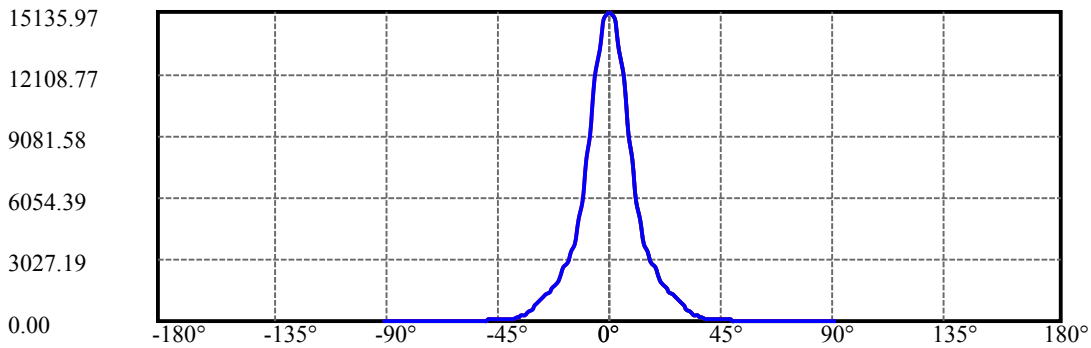
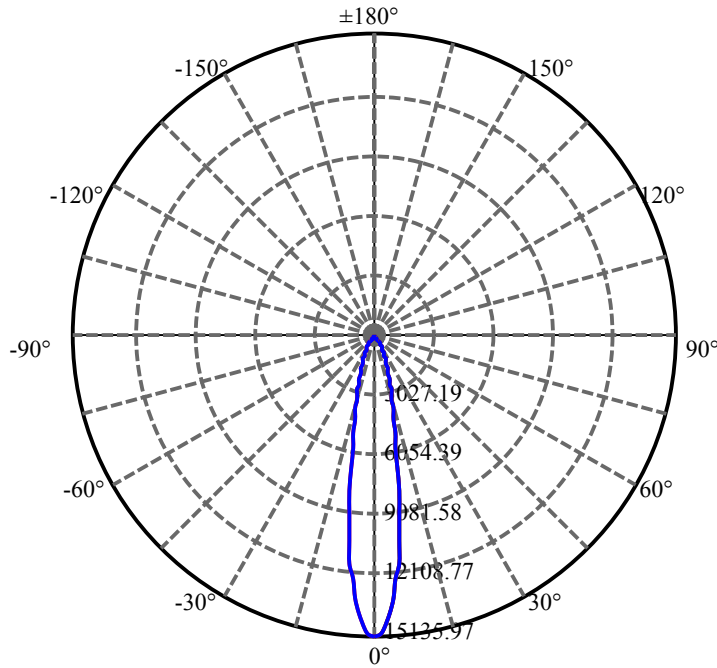
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	18.866	2.022	2890.916	0.06%	99.21%
77.0	18.464	1.990	2892.906	0.06%	99.28%
78.0	17.952	1.949	2894.855	0.06%	99.35%
79.0	17.432	1.901	2896.757	0.06%	99.42%
80.0	16.796	1.845	2898.602	0.05%	99.48%
81.0	15.925	1.770	2900.371	0.05%	99.54%
82.0	15.011	1.678	2902.049	0.05%	99.60%
83.0	14.338	1.595	2903.645	0.05%	99.65%
84.0	13.958	1.541	2905.186	0.04%	99.70%
85.0	13.650	1.507	2906.693	0.04%	99.76%
86.0	13.299	1.473	2908.166	0.04%	99.81%
87.0	13.014	1.440	2909.606	0.04%	99.86%
88.0	12.794	1.414	2911.02	0.04%	99.90%
89.0	12.641	1.394	2912.414	0.04%	99.95%
90.0	12.582	1.383	2913.797	0.04%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	2593.88	75.45%	89.02%
0-40	2774.83	80.71%	95.23%
0-60	2854.54	83.03%	97.97%
0-90	2912.41	84.71%	99.95%
0-120	2912.41	84.71%	99.95%
0-180	2913.80	84.75%	100.00%
60-90	57.87	1.68%	1.99%
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%
0-24.89	2331.04	67.80%	80.00%

ZONAL LUMEN SUMMARY

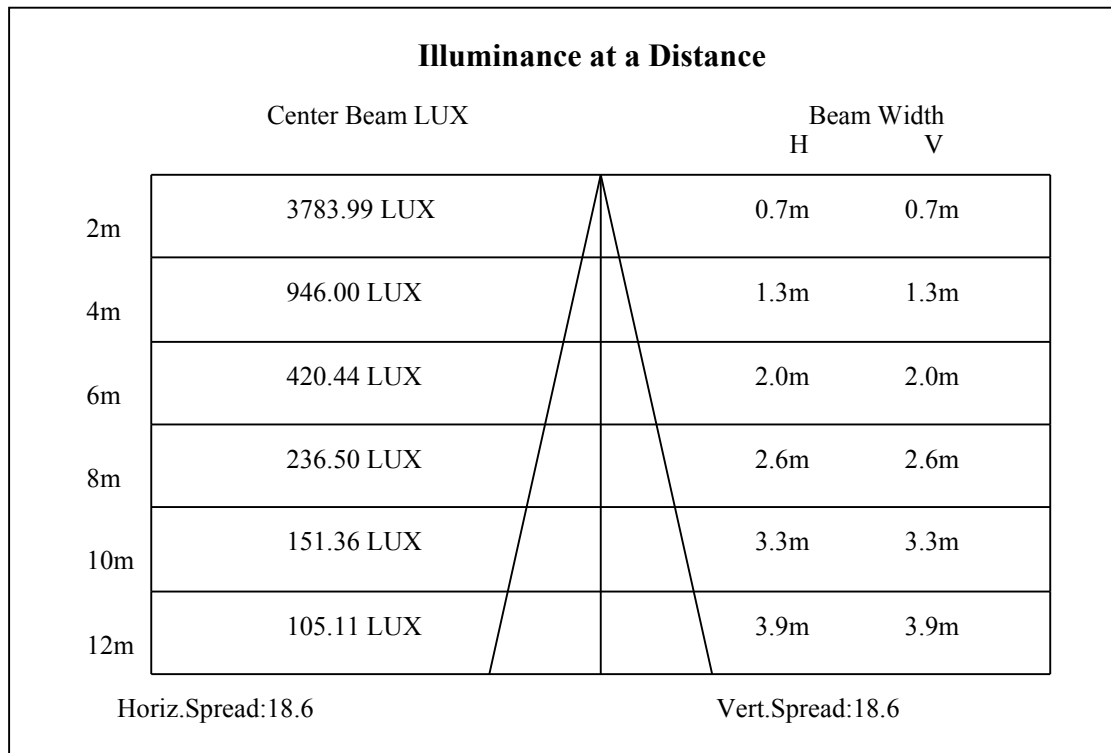
0-10	997.19
10-20	997.40
20-30	599.29
30-40	180.94
40-50	50.40
50-60	29.32
60-70	23.99
70-80	20.07
80-90	13.81
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

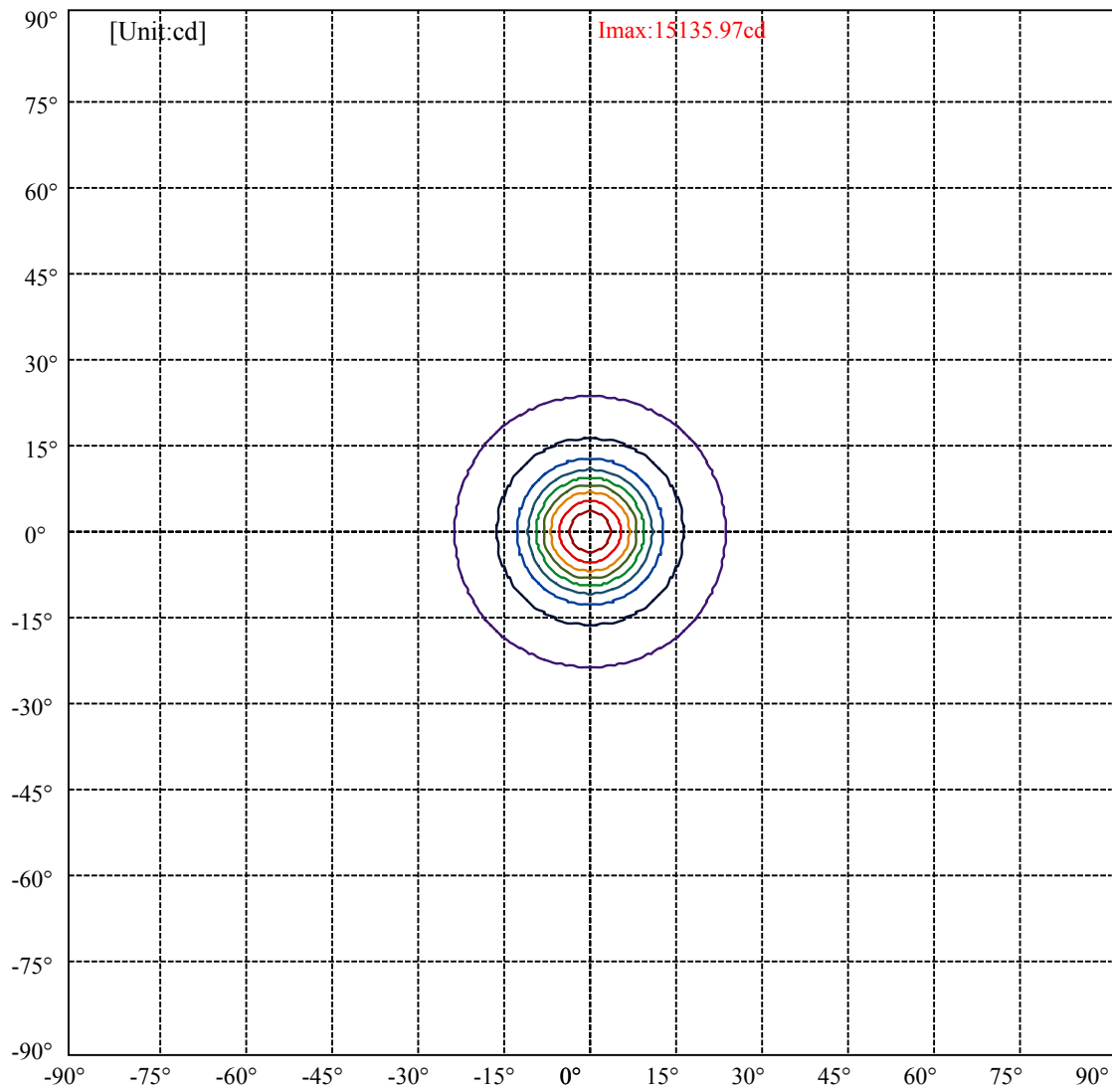


C0(Max): —————
C0/C180: —————
C90/C270: —————

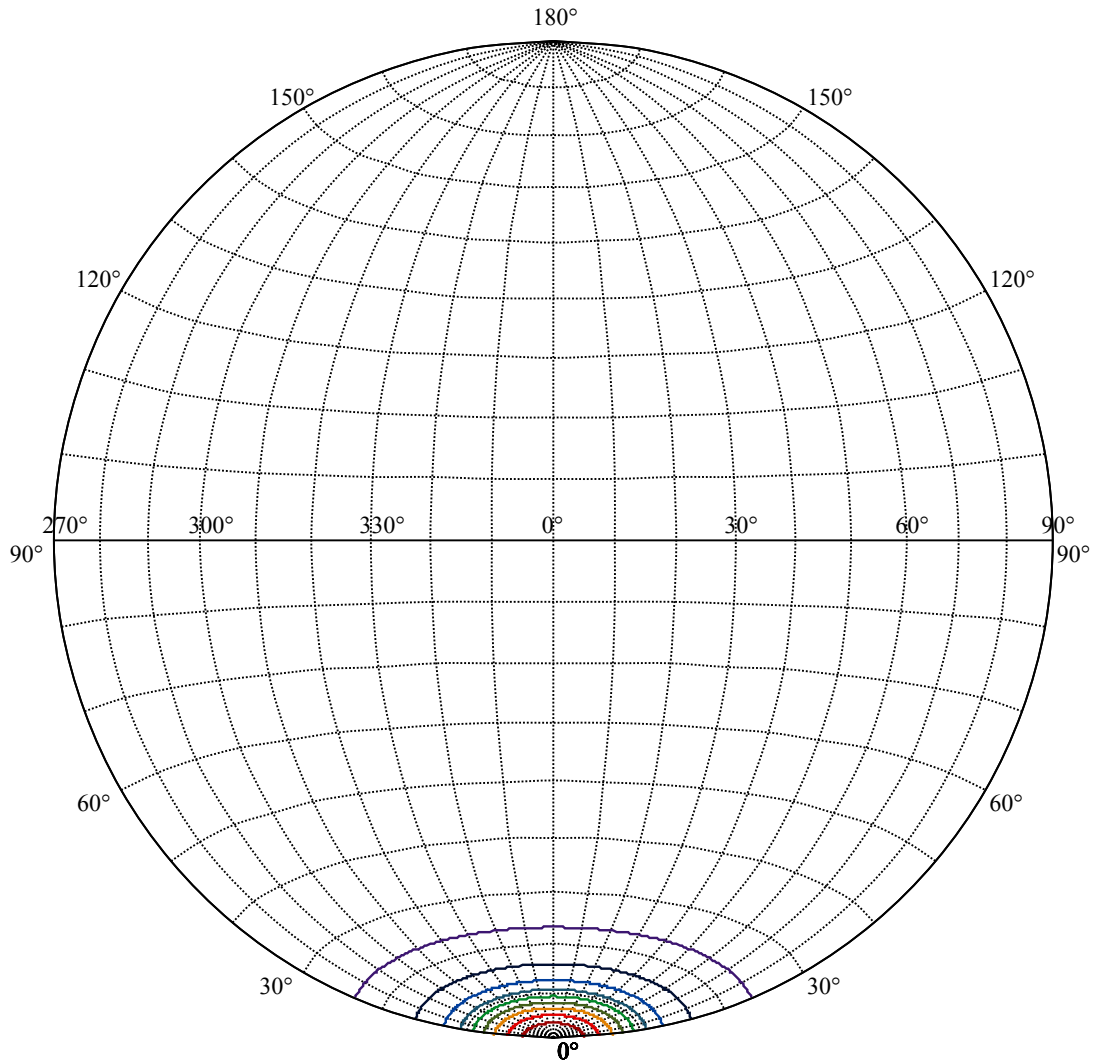
Field angle(10%Imax):C0/180Left:23.4 Right:23.4
:C90/270Left:23.4 Right:23.4

Beam Angle(50%Imax):C0/180Left:9.3 Right:9.3
:C90/270Left:9.3 Right:9.3





(10%Imax) 1513.6	—
(20%Imax) 3027.19	—
(30%Imax) 4540.79	—
(40%Imax) 6054.39	—
(50%Imax) 7567.98	—
(60%Imax) 9081.58	—
(70%Imax) 10595.2	—
(80%Imax) 12108.8	—
(90%Imax) 13622.4	—



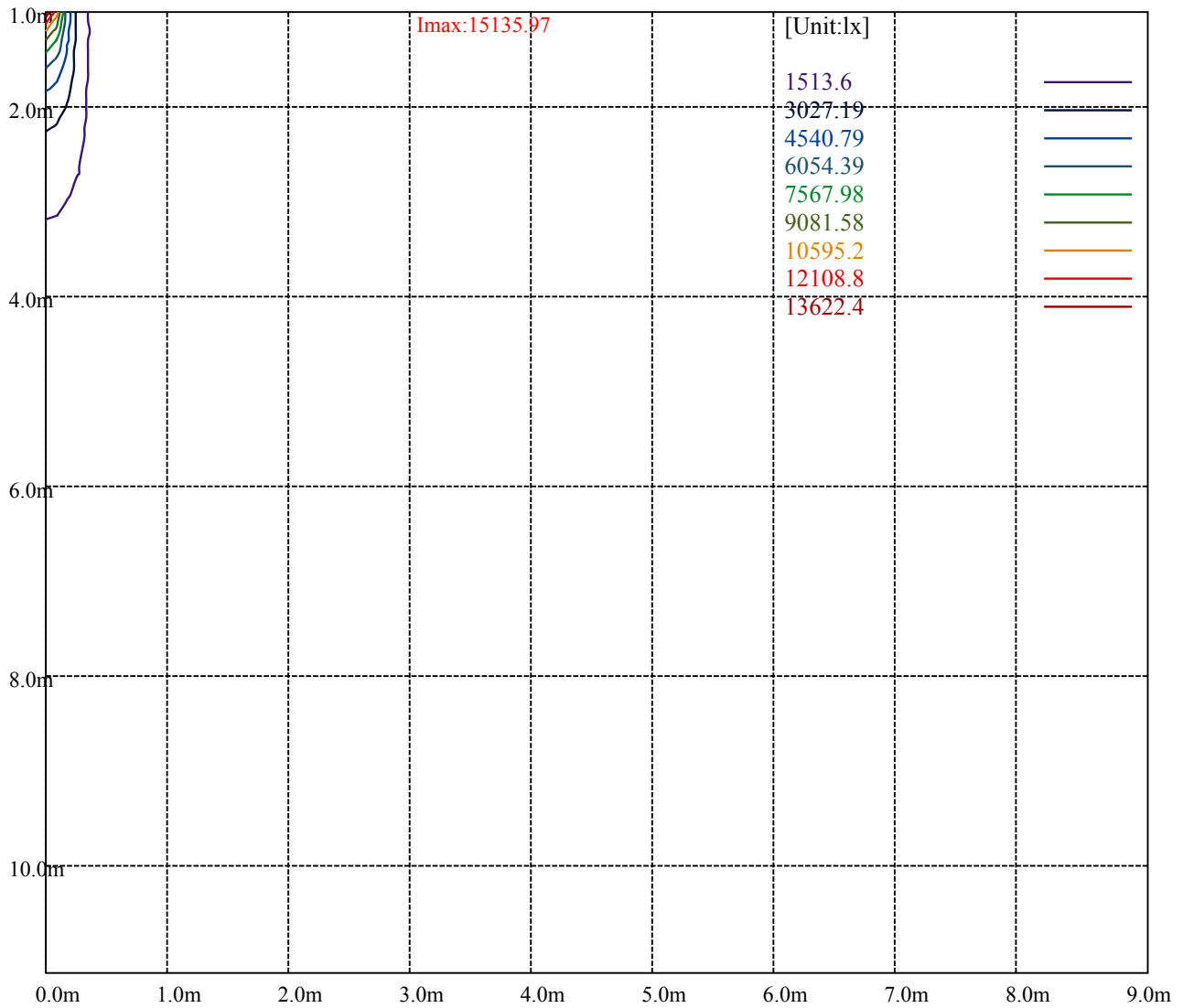
House

[Unit:cd]

Road

Imax:15135.97

(10%Imax)	1513.6	—
(20%Imax)	3027.19	—
(30%Imax)	4540.79	—
(40%Imax)	6054.39	—
(50%Imax)	7567.98	—
(60%Imax)	9081.58	—
(70%Imax)	10595.2	—
(80%Imax)	12108.8	—
(90%Imax)	13622.4	—



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

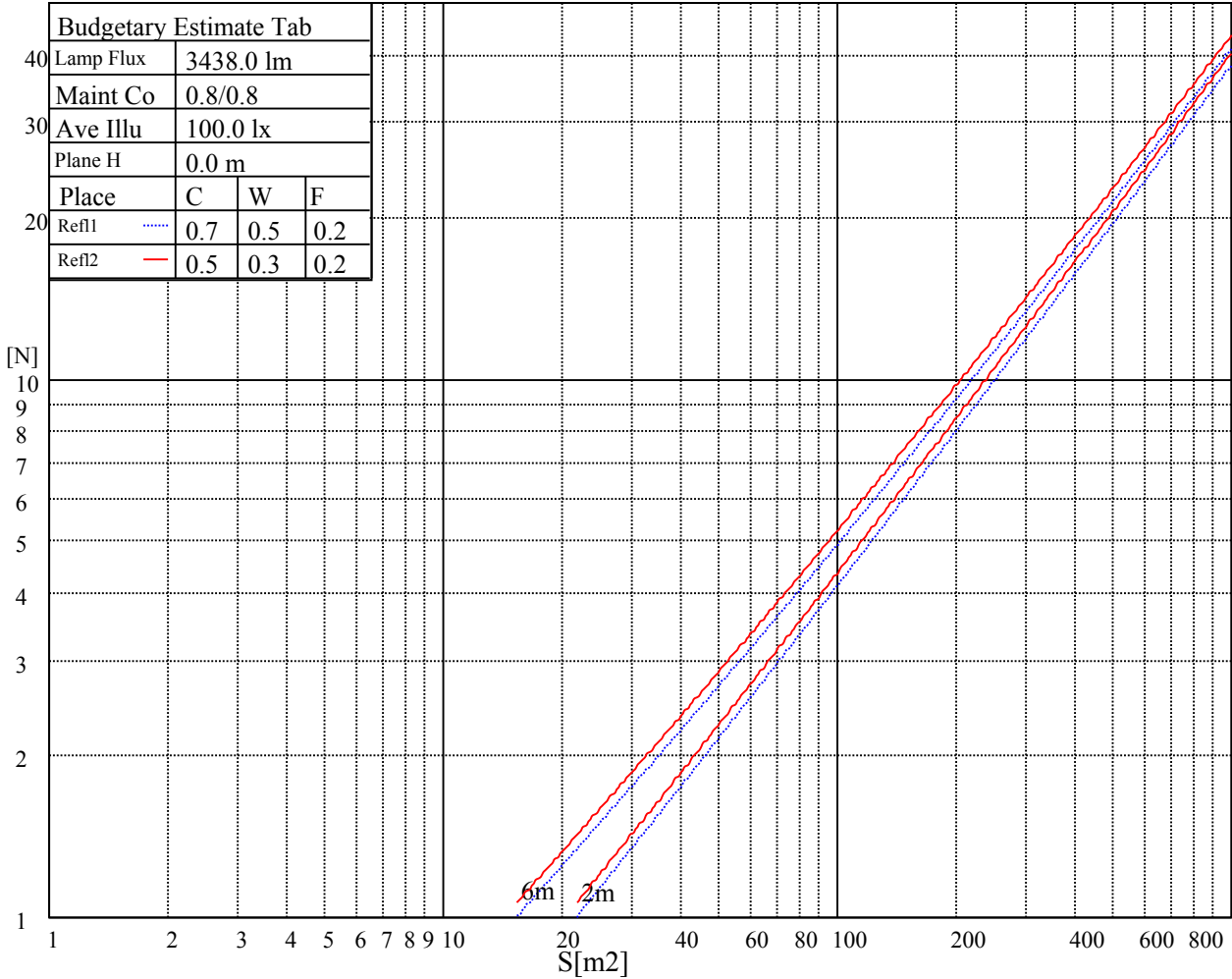
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

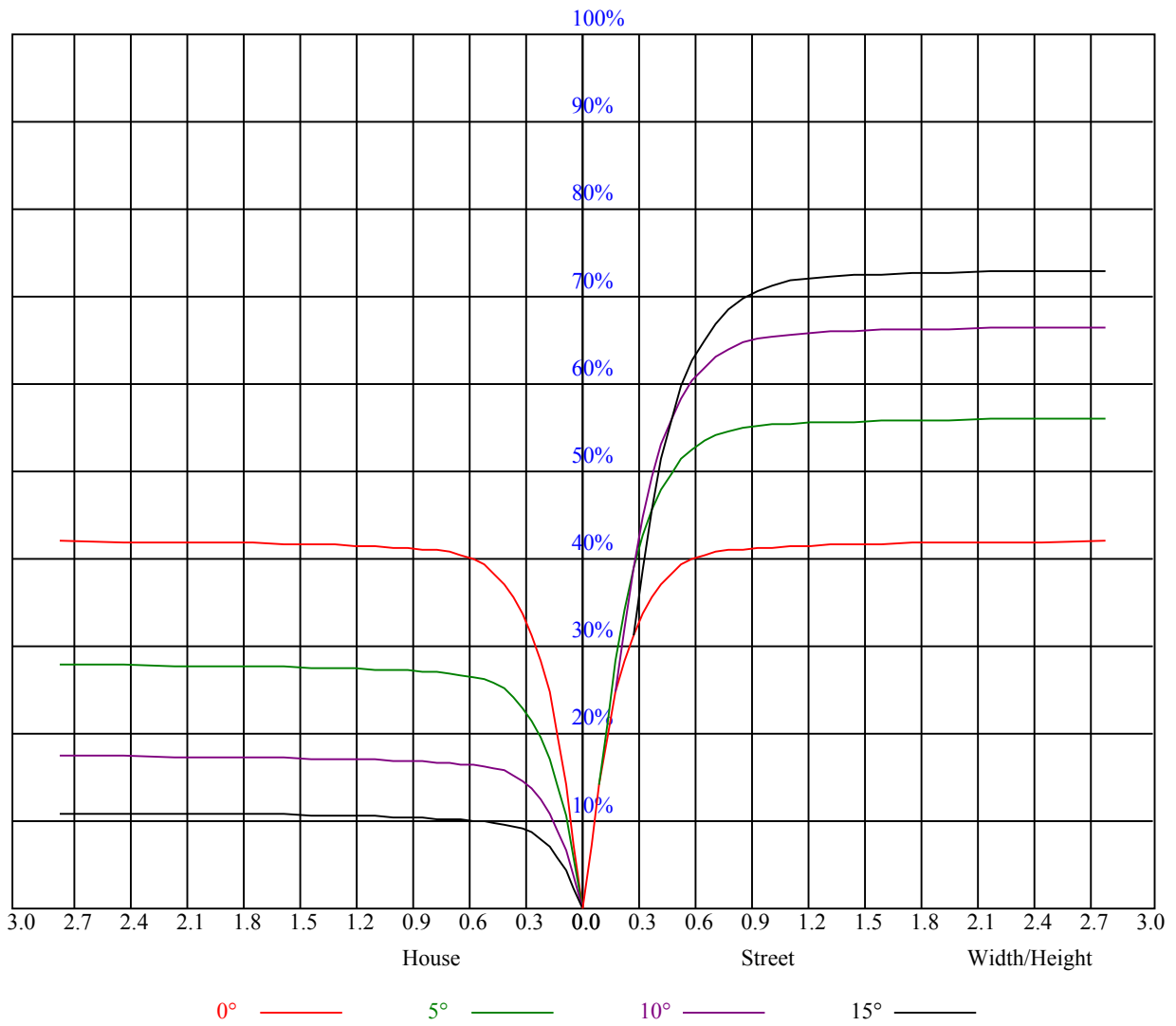


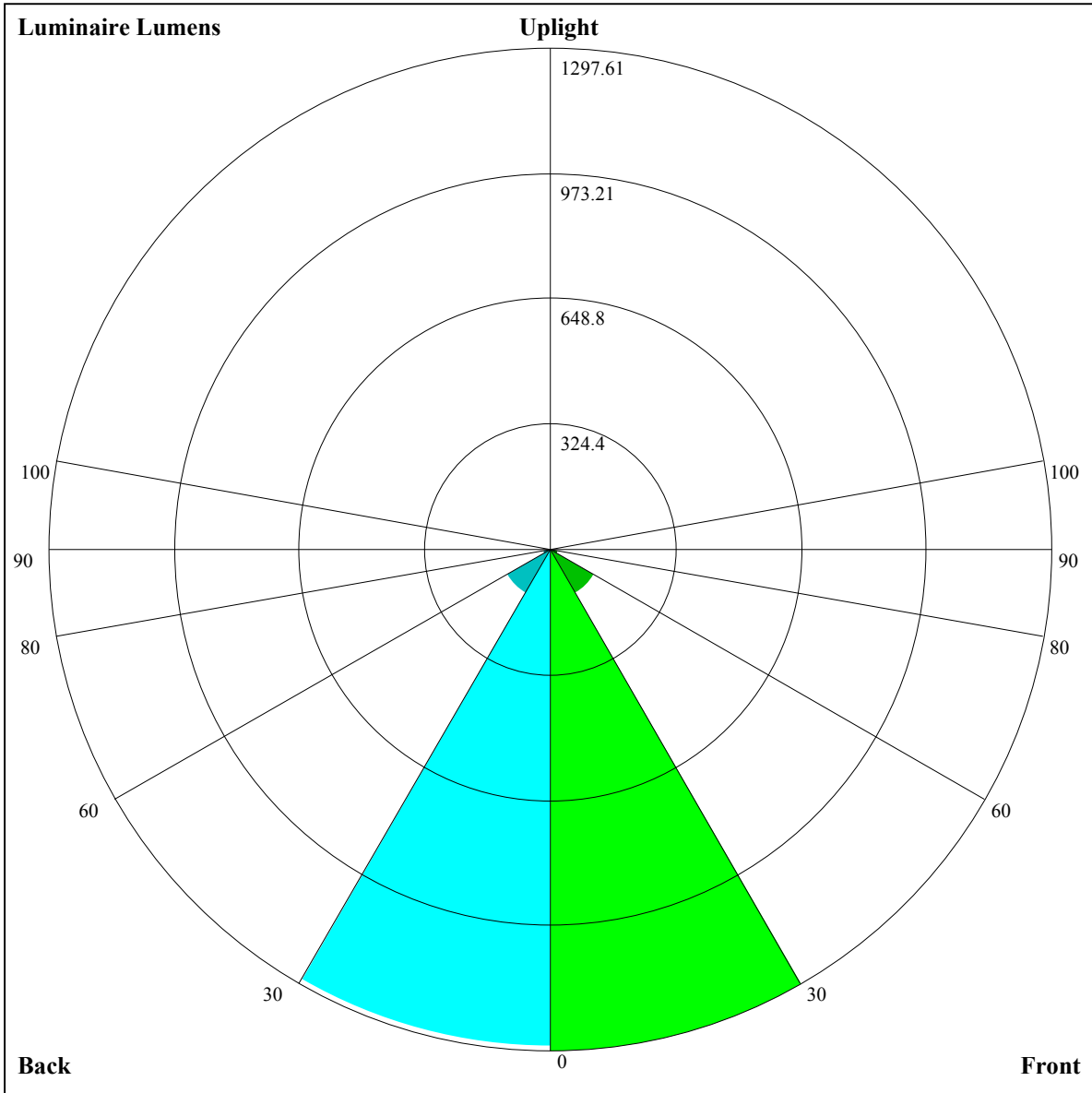
Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	3H	非数字	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 RHOF=20 CU															
0	1.01	1.01	1.01	0.99	0.99	0.99	0.94	0.94	0.94	0.90	0.90	0.90	0.86	0.86	0.86	0.85
1	0.95	0.93	0.91	0.93	0.91	0.90	0.90	0.88	0.87	0.87	0.86	0.85	0.84	0.83	0.82	0.81
2	0.90	0.87	0.85	0.88	0.86	0.84	0.86	0.84	0.82	0.83	0.82	0.80	0.81	0.80	0.78	0.77
3	0.85	0.82	0.79	0.84	0.81	0.79	0.82	0.80	0.77	0.80	0.78	0.76	0.78	0.77	0.75	0.74
4	0.82	0.78	0.75	0.81	0.77	0.75	0.79	0.76	0.74	0.77	0.75	0.73	0.76	0.74	0.72	0.71
5	0.78	0.74	0.72	0.78	0.74	0.71	0.76	0.73	0.71	0.75	0.72	0.70	0.74	0.71	0.70	0.68
6	0.75	0.71	0.69	0.75	0.71	0.68	0.74	0.70	0.68	0.72	0.70	0.67	0.71	0.69	0.67	0.66
7	0.73	0.69	0.66	0.72	0.68	0.66	0.71	0.68	0.65	0.70	0.67	0.65	0.69	0.67	0.65	0.64
8	0.70	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	0.63	0.62
9	0.68	0.64	0.61	0.67	0.64	0.61	0.67	0.63	0.61	0.66	0.63	0.61	0.65	0.63	0.61	0.60
10	0.66	0.62	0.60	0.65	0.62	0.59	0.65	0.62	0.59	0.64	0.61	0.59	0.64	0.61	0.59	0.58





Luminaire Lumens:

FL=1297.61,FM=132.46,FH=22.37,FVH=7.66

BL=1287.95,BM=132.8,BH=21.62,BVH=7.6

UL=0,UH=0

BUG Rating:B3-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	15190.10	15020.38	14716.07	14212.77	13563.17	11434.18	11434.18	10282.46	9120.20
45.0	15043.79	15213.51	15137.43	14903.34	14359.08	13744.59	12936.98	11696.31	10590.23
90.0	15195.95	15119.87	14879.93	14323.97	13674.37	11574.05	11574.05	10466.81	9281.73
135.0	15114.02	15154.99	15043.79	14639.99	14130.84	13446.13	12562.44	11544.15	10127.90
180.0	15190.10	15102.32	14844.82	14417.60	13645.11	12825.79	11579.26	10443.93	9255.92
225.0	15043.79	14680.95	14177.66	11608.58	11608.58	11328.26	10177.71	8689.48	7547.12
270.0	15195.95	15073.06	14721.92	14236.18	13346.64	12486.36	11468.07	10309.32	8857.97
315.0	15114.02	14874.08	14312.26	13697.78	11651.89	11651.89	10523.57	9334.98	7883.04
360.0	15190.10	15020.38	14716.07	14212.77	13563.17	11434.18	11434.18	10282.46	9120.20
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	7696.94	6651.14	5737.02	4821.73	4247.04	3671.17	3298.39	2989.39	2719.01
45.0	9437.34	8290.30	6938.43	6002.07	5212.01	4562.41	3912.81	3491.45	3140.32
90.0	8117.71	6766.43	5836.51	5060.50	4286.25	3805.19	3408.41	3078.93	2799.19
135.0	8975.01	7576.32	6540.47	5662.64	4773.10	4205.43	3737.25	3263.21	2953.05
180.0	7833.82	6768.71	5832.35	5042.30	4269.80	3813.33	3403.67	3093.50	2953.05
225.0	6505.42	5617.63	4726.92	4173.88	3716.82	3259.76	2956.03	2637.67	2411.19
270.0	7716.78	6663.37	5744.57	4796.50	4193.72	3643.61	3263.21	2964.75	2964.75
315.0	6815.00	5666.21	4924.73	4332.48	3851.42	3452.89	3041.47	2769.93	2530.57
360.0	7696.94	6651.14	5737.02	4821.73	4247.04	3671.17	3298.39	2989.39	2719.01
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	2439.28	2239.71	2062.98	1888.58	1689.02	1552.66	1451.42	1144.70	1144.70
45.0	2994.01	2994.01	2343.88	2105.70	1930.13	1758.66	1581.34	1472.48	1373.58
90.0	2510.09	2306.43	2117.40	1897.36	1734.67	1566.71	1457.27	1153.19	1153.19
135.0	2953.05	2665.17	2226.84	2047.18	1874.53	1710.67	1540.37	1432.69	1329.10
180.0	2953.05	2312.28	2073.51	1901.45	1743.44	1574.90	1464.88	1361.29	1223.76
225.0	2214.55	1986.31	1813.09	1656.83	1530.42	1400.50	1152.66	1152.66	1065.64
270.0	2430.50	2231.52	2044.83	1826.55	1678.48	1551.49	1443.22	1315.64	1212.06
315.0	2320.48	2091.07	1913.74	1712.43	1573.14	1465.46	1146.40	1146.40	1118.36
360.0	2439.28	2239.71	2062.98	1888.58	1689.02	1552.66	1451.42	1144.70	1144.70
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	1086.70	966.97	824.46	713.51	579.37	474.85	376.07	267.04	200.85
45.0	1262.39	1113.74	995.53	877.31	763.78	623.91	516.81	414.98	300.28
90.0	1092.50	971.24	853.08	737.09	596.52	488.55	388.76	279.39	214.72
135.0	1184.55	1064.00	945.20	801.82	690.04	557.19	455.36	362.90	300.86
180.0	1107.89	987.33	836.35	719.89	609.28	503.35	378.70	312.57	312.57
225.0	921.26	805.68	694.25	588.03	460.98	366.06	283.31	203.66	167.61
270.0	1101.45	954.56	836.35	718.13	571.82	461.80	361.73	295.60	295.60
315.0	971.82	854.14	738.26	624.67	487.20	384.67	293.20	219.69	160.94
360.0	1086.70	966.97	824.46	713.51	579.37	474.85	376.07	267.04	200.85
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	161.11	141.33	123.95	112.25	101.24	91.30	80.35	73.15	66.77
45.0	300.28	213.96	147.59	132.85	119.91	105.81	95.39	86.03	76.02
90.0	175.45	150.40	136.01	120.26	108.91	98.67	89.13	79.01	72.10
135.0	300.86	168.54	150.64	135.89	123.01	108.68	98.55	89.36	79.24
180.0	170.59	143.67	130.04	118.04	104.11	93.75	84.68	74.73	67.94
225.0	144.67	129.92	117.16	105.34	92.00	82.58	74.38	67.24	59.75
270.0	157.54	139.58	122.96	111.19	100.31	87.73	79.06	71.40	64.78
315.0	138.52	124.83	110.55	100.37	90.65	79.88	72.39	65.90	59.17
360.0	161.11	141.33	123.95	112.25	101.24	91.30	80.35	73.15	66.77

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	59.99	55.42	50.39	47.11	44.13	41.43	38.57	36.69	35.00
45.0	69.23	63.32	58.29	52.73	48.87	45.47	41.79	39.27	37.10
90.0	66.07	60.63	54.89	51.03	47.40	44.24	40.85	38.51	36.05
135.0	72.33	66.25	59.58	55.07	49.92	46.47	43.42	40.85	38.16
180.0	62.03	57.00	51.62	48.05	44.89	41.43	39.09	36.99	34.76
225.0	54.89	50.56	45.88	42.72	39.91	36.99	34.94	33.18	31.37
270.0	57.88	53.26	49.22	45.00	42.08	38.92	36.81	34.94	33.30
315.0	54.66	50.56	47.29	43.60	41.14	38.98	36.99	34.88	33.42
360.0	59.99	55.42	50.39	47.11	44.13	41.43	38.57	36.69	35.00
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	33.53	32.01	30.96	30.08	29.38	28.62	28.09	27.56	27.10
45.0	34.76	33.24	31.95	30.55	29.67	28.97	28.38	27.74	27.39
90.0	34.35	32.89	31.43	30.43	29.61	28.73	28.15	27.68	27.10
135.0	36.28	34.76	33.36	32.19	30.84	29.96	29.20	28.38	27.80
180.0	33.18	31.54	30.43	29.44	28.68	27.92	27.39	26.98	26.51
225.0	30.08	29.03	27.97	27.33	26.74	26.34	25.87	25.40	24.87
270.0	31.60	30.37	29.38	28.50	27.62	27.15	26.69	26.39	25.87
315.0	32.25	30.90	30.02	29.09	28.44	28.03	27.56	27.10	26.69
360.0	33.53	32.01	30.96	30.08	29.38	28.62	28.09	27.56	27.10
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	26.51	25.69	24.76	23.94	22.94	21.95	22.30	23.23	23.23
45.0	26.92	26.39	25.63	24.87	23.99	22.82	21.83	20.78	20.01
90.0	26.57	25.69	24.81	23.94	22.71	21.71	20.95	20.01	19.55
135.0	27.10	26.45	25.69	24.64	23.70	22.71	21.83	21.01	20.78
180.0	25.98	25.16	24.29	23.47	22.24	21.36	20.42	19.90	19.55
225.0	24.23	23.23	22.36	21.30	20.48	19.78	19.08	18.55	18.14
270.0	25.34	24.52	23.76	22.82	21.71	20.89	20.13	19.55	18.90
315.0	25.98	24.99	24.23	23.17	22.30	21.36	20.83	20.72	20.95
360.0	26.51	25.69	24.76	23.94	22.94	21.95	22.30	23.23	23.23
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	22.88	22.41	21.77	20.89	20.25	19.55	18.67	17.97	17.38
45.0	19.43	18.84	18.26	17.85	17.44	17.09	16.62	16.27	15.92
90.0	19.49	19.72	19.84	19.66	19.37	18.79	18.20	17.56	16.85
135.0	20.89	21.07	21.30	21.13	20.72	20.37	19.78	19.14	18.49
180.0	19.02	18.49	17.97	17.50	16.97	16.56	16.15	15.74	15.33
225.0	17.73	17.26	16.91	16.56	16.15	15.80	15.45	15.10	14.69
270.0	18.73	18.84	19.08	19.20	19.02	18.90	18.49	17.97	17.38
315.0	21.01	20.95	21.19	21.01	21.01	20.66	20.25	19.72	18.32
360.0	22.88	22.41	21.77	20.89	20.25	19.55	18.67	17.97	17.38
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	16.15	14.98	14.34	13.99	13.69	13.40	12.99	12.76	12.52
45.0	15.45	15.16	14.69	14.34	13.99	13.69	13.28	12.99	12.76
90.0	15.98	15.10	14.40	14.05	13.69	13.34	13.11	12.87	12.76
135.0	17.97	16.62	15.04	14.34	13.93	13.52	13.23	12.99	12.82
180.0	14.92	14.51	14.10	13.75	13.52	13.11	12.87	12.76	12.41
225.0	14.46	14.10	13.81	13.52	13.17	12.93	12.82	12.47	12.70
270.0	16.15	15.04	14.10	13.81	13.58	13.23	12.93	12.87	12.52
315.0	16.33	14.57	14.22	13.87	13.64	13.17	12.87	12.64	12.64
360.0	16.15	14.98	14.34	13.99	13.69	13.40	12.99	12.76	12.52

Intensity data(cd)

C/ γ (°)	90.0
0.0	12.47
45.0	12.58
90.0	12.52
135.0	12.52
180.0	12.64
225.0	12.58
270.0	12.70
315.0	12.64
360.0	12.47