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NT

Client:

LumCAT: 1-1298-L

Luminaire: 92.70.427.00

Report No: 2024730-B012

Ballast type: AC

Test No: 2024730-C012

Voltage(V): 34.400

LampCAT: Fortimo_SLM_C_1202

Current(A): 0.216

Lamp flux(lm): 1286.0

Power (W): 7.430

Number of Lamps: 1

PF: 0.000

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 1185.31, Efficiency(%): 92.17% , Luminous Efficacy(lm/W): 159.53

Central intensity(cd): 5788.520, Maximum intensity(cd): 5788.520

Angle of maximum intensity: C=0.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=18.0

[C90/270]Total=18.0

Field angle(10%Imax): [C0/180]Total=50.2

[C90/270]Total=50.2

Maximum s/h(1/2): C0_180=0.31 C90_270=0.31

Maximum s/h(1/4): C0_180=0.36 C90_270=0.36

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 92.17%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 97.799%

Equipment: GMS1980
Temperature(°C): 25.0

Date: 2024/7/30
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	5788.519	0.000	0	0.00%	0.00%
1.0	5735.995	5.514	5.514	0.43%	0.47%
2.0	5569.060	16.226	21.74	1.26%	1.83%
3.0	5301.539	25.999	47.739	2.02%	4.03%
4.0	4942.942	34.292	82.031	2.67%	6.92%
5.0	4546.964	40.825	122.856	3.17%	10.36%
6.0	4136.941	45.636	168.492	3.55%	14.21%
7.0	3688.805	48.574	217.066	3.78%	18.31%
8.0	3272.051	49.818	266.884	3.87%	22.52%
9.0	2889.534	49.936	316.82	3.88%	26.73%
10.0	2550.908	49.234	366.054	3.83%	30.88%
11.0	2242.714	47.898	413.952	3.72%	34.92%
12.0	2001.528	46.396	460.348	3.61%	38.84%
13.0	1784.483	44.930	505.278	3.49%	42.63%
14.0	1611.476	43.468	548.746	3.38%	46.30%
15.0	1438.103	41.866	590.612	3.26%	49.83%
16.0	1268.395	39.658	630.27	3.08%	53.17%
17.0	1202.294	38.475	668.745	2.99%	56.42%
18.0	1094.122	37.863	706.608	2.94%	59.61%
19.0	1000.976	36.450	743.059	2.83%	62.69%
20.0	914.217	35.053	778.112	2.73%	65.65%
21.0	837.589	33.638	811.75	2.62%	68.48%
22.0	766.491	32.235	843.985	2.51%	71.20%
23.0	703.923	30.853	874.838	2.40%	73.81%
24.0	641.004	29.405	904.243	2.29%	76.29%
25.0	583.886	27.851	932.094	2.17%	78.64%
26.0	527.741	26.240	958.335	2.04%	80.85%
27.0	472.825	24.479	982.814	1.90%	82.92%
28.0	422.225	22.661	1005.474	1.76%	84.83%
29.0	371.391	20.763	1026.238	1.61%	86.58%
30.0	320.191	18.673	1044.91	1.45%	88.15%
31.0	272.744	16.501	1061.411	1.28%	89.55%
32.0	252.920	15.060	1076.47	1.17%	90.82%
33.0	194.660	13.186	1089.656	1.03%	91.93%
34.0	149.218	10.407	1100.063	0.81%	92.81%
35.0	118.113	8.302	1108.365	0.65%	93.51%
36.0	92.370	6.702	1115.067	0.52%	94.07%
37.0	71.822	5.355	1120.422	0.42%	94.53%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	55.084	4.236	1124.658	0.33%	94.88%
39.0	42.860	3.343	1128.001	0.26%	95.16%
40.0	34.294	2.691	1130.692	0.21%	95.39%
41.0	28.771	2.246	1132.938	0.17%	95.58%
42.0	24.938	1.951	1134.889	0.15%	95.75%
43.0	22.546	1.759	1136.648	0.14%	95.89%
44.0	20.717	1.633	1138.281	0.13%	96.03%
45.0	19.429	1.543	1139.824	0.12%	96.16%
46.0	18.244	1.473	1141.297	0.11%	96.29%
47.0	17.286	1.413	1142.71	0.11%	96.41%
48.0	16.438	1.363	1144.074	0.11%	96.52%
49.0	15.816	1.324	1145.398	0.10%	96.63%
50.0	15.252	1.295	1146.694	0.10%	96.74%
51.0	14.784	1.271	1147.964	0.10%	96.85%
52.0	14.411	1.253	1149.217	0.10%	96.95%
53.0	14.140	1.242	1150.459	0.10%	97.06%
54.0	13.899	1.236	1151.695	0.10%	97.16%
55.0	13.767	1.235	1152.93	0.10%	97.27%
56.0	13.672	1.240	1154.17	0.10%	97.37%
57.0	13.614	1.248	1155.417	0.10%	97.48%
58.0	13.621	1.259	1156.677	0.10%	97.58%
59.0	13.599	1.273	1157.949	0.10%	97.69%
60.0	13.504	1.280	1159.23	0.10%	97.80%
61.0	13.285	1.278	1160.508	0.10%	97.91%
62.0	13.029	1.268	1161.776	0.10%	98.01%
63.0	12.604	1.247	1163.023	0.10%	98.12%
64.0	12.092	1.212	1164.235	0.09%	98.22%
65.0	11.566	1.171	1165.406	0.09%	98.32%
66.0	11.068	1.129	1166.535	0.09%	98.42%
67.0	10.556	1.087	1167.622	0.08%	98.51%
68.0	10.081	1.045	1168.668	0.08%	98.60%
69.0	9.671	1.008	1169.675	0.08%	98.68%
70.0	9.232	0.971	1170.646	0.08%	98.76%
71.0	8.859	0.935	1171.581	0.07%	98.84%
72.0	8.544	0.905	1172.486	0.07%	98.92%
73.0	8.222	0.877	1173.363	0.07%	98.99%
74.0	7.944	0.850	1174.213	0.07%	99.06%
75.0	7.696	0.826	1175.039	0.06%	99.13%

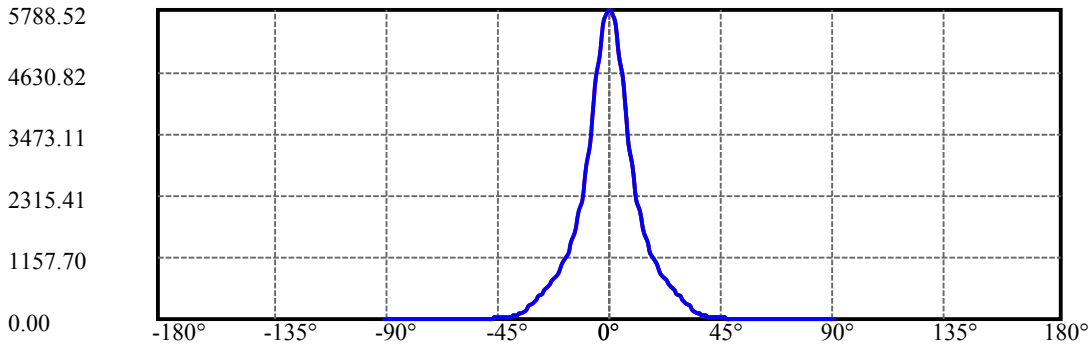
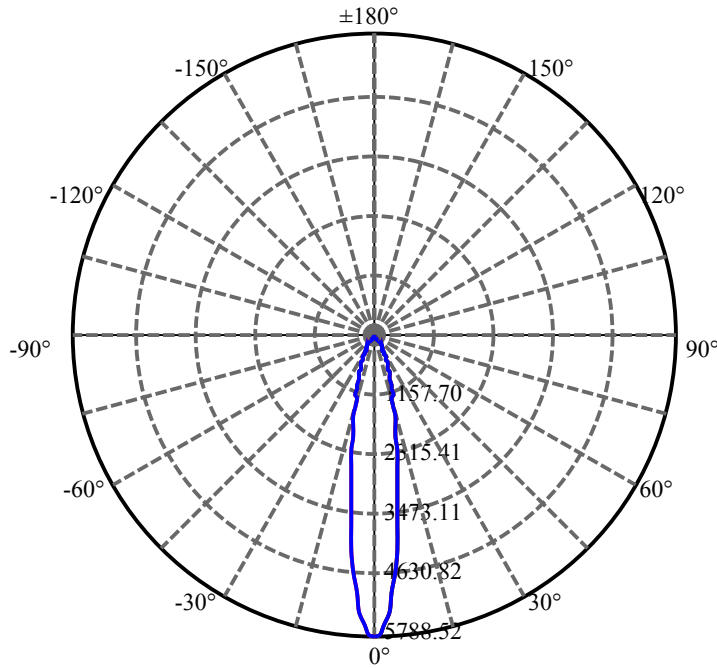
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	7.498	0.807	1175.846	0.06%	99.20%
77.0	7.264	0.787	1176.633	0.06%	99.27%
78.0	7.074	0.768	1177.4	0.06%	99.33%
79.0	6.891	0.750	1178.15	0.06%	99.40%
80.0	6.715	0.734	1178.884	0.06%	99.46%
81.0	6.547	0.717	1179.601	0.06%	99.52%
82.0	6.408	0.703	1180.304	0.05%	99.58%
83.0	6.255	0.688	1180.992	0.05%	99.64%
84.0	6.108	0.674	1181.666	0.05%	99.69%
85.0	5.947	0.658	1182.324	0.05%	99.75%
86.0	5.669	0.635	1182.959	0.05%	99.80%
87.0	5.472	0.610	1183.568	0.05%	99.85%
88.0	5.362	0.593	1184.162	0.05%	99.90%
89.0	5.245	0.581	1184.743	0.05%	99.95%
90.0	5.172	0.571	1185.314	0.04%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	1044.91	81.25%	88.15%
0-40	1130.69	87.92%	95.39%
0-60	1159.23	90.14%	97.80%
0-90	1184.74	92.13%	99.95%
0-120	1184.74	92.13%	99.95%
0-180	1185.31	92.17%	100.00%
60-90	25.51	1.98%	2.15%
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%
0-25.62	948.25	73.74%	80.00%

ZONAL LUMEN SUMMARY

0-10	366.05
10-20	412.06
20-30	266.80
30-40	85.78
40-50	16.00
50-60	12.54
60-70	11.42
70-80	8.24
80-90	5.86
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



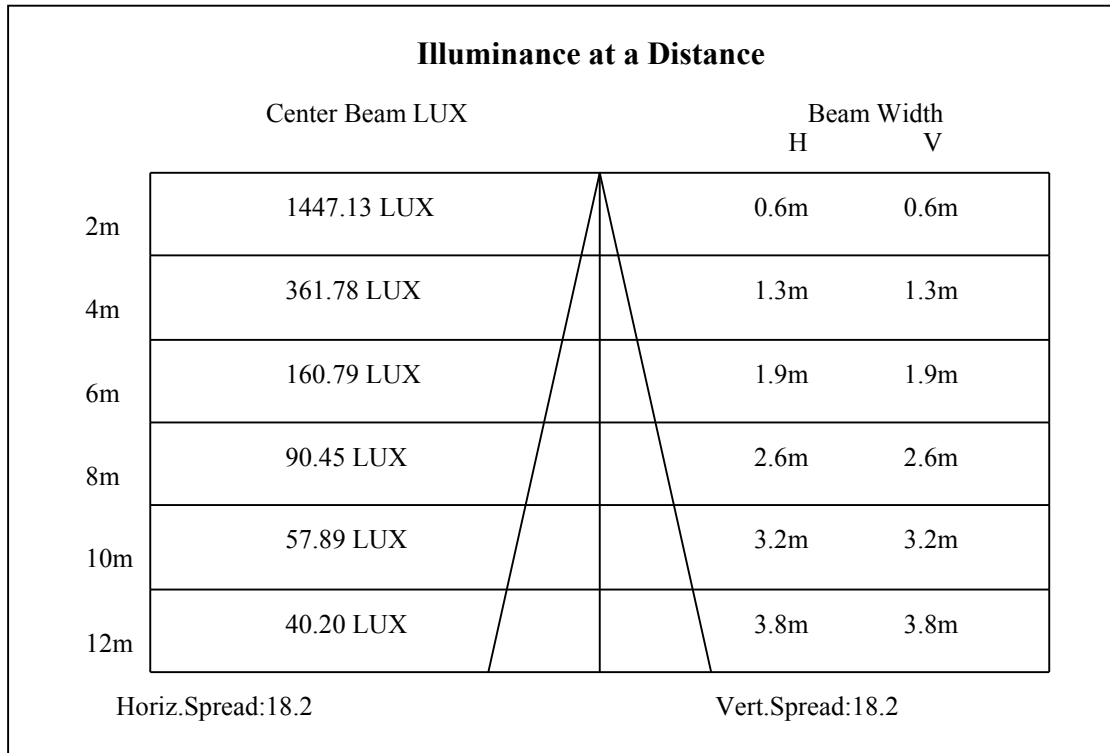
C0(Max): —————

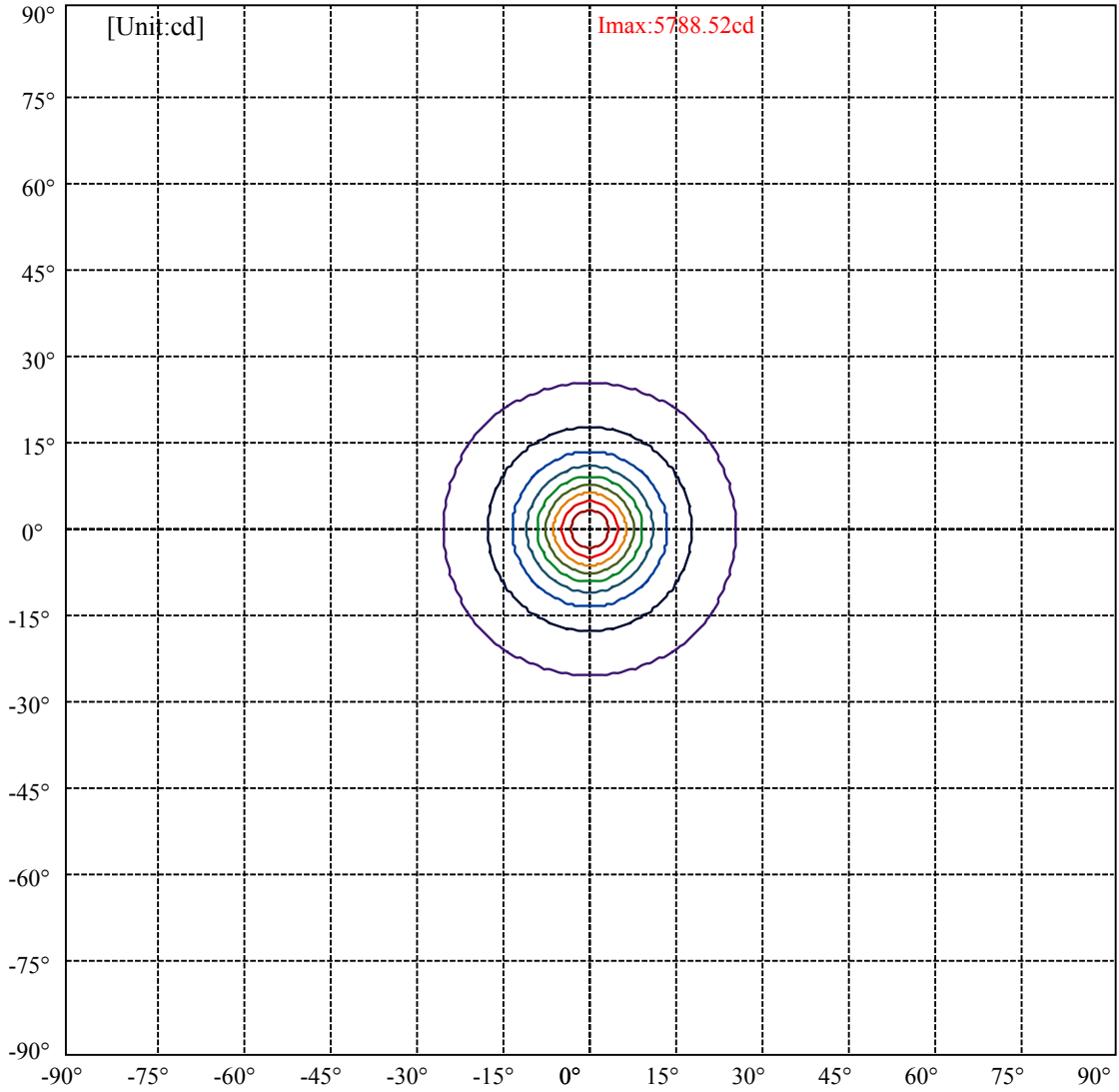
C0/C180: —————

C90/C270: —————

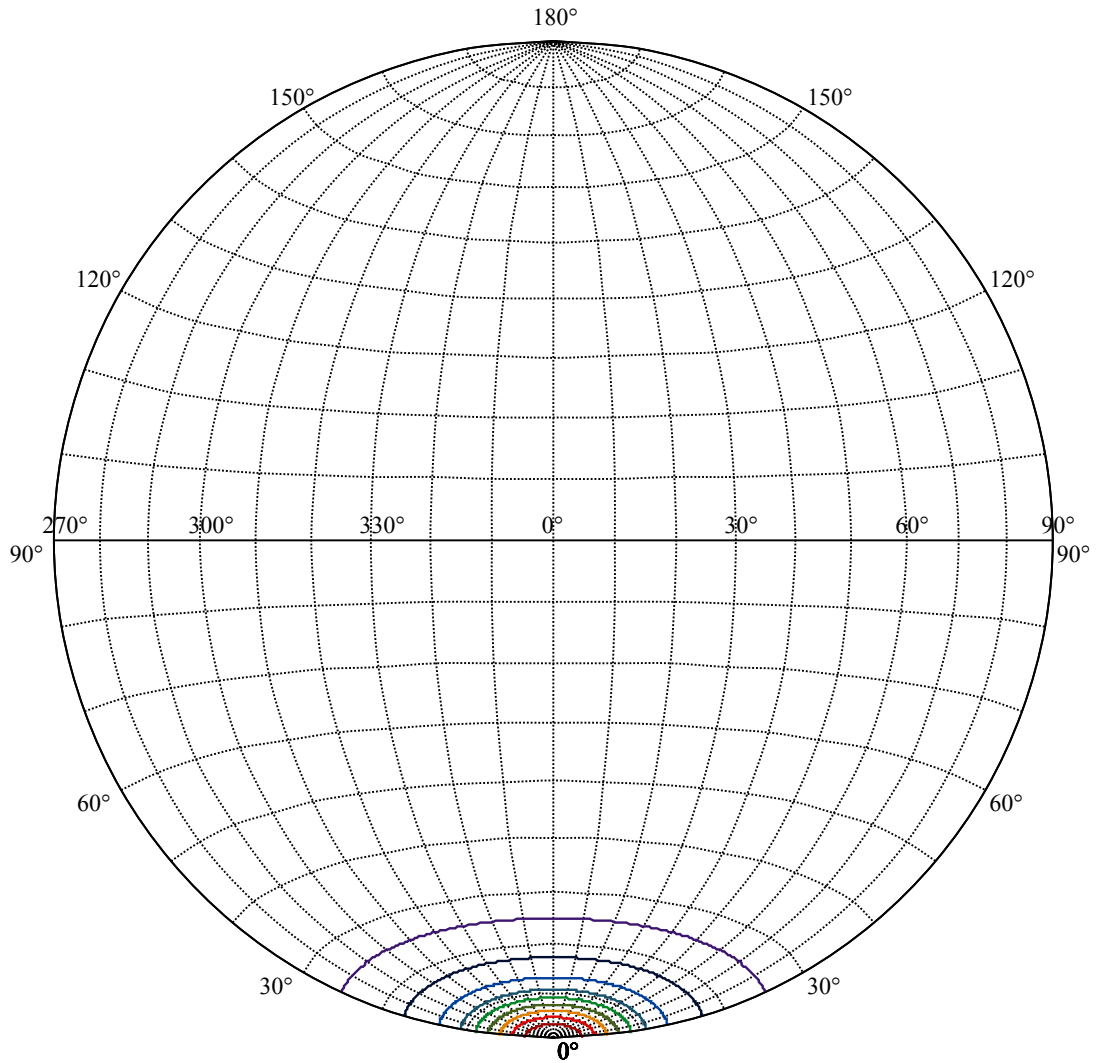
Field angle(10%Imax):C0/180Left:25.1 Right:25.1
:C90/270Left:25.1 Right:25.1

Beam Angle(50%Imax):C0/180Left:9.0 Right:9.0
:C90/270Left:9.0 Right:9.0





(10%Imax) 578.852	—
(20%Imax) 1157.7	—
(30%Imax) 1736.56	—
(40%Imax) 2315.41	—
(50%Imax) 2894.26	—
(60%Imax) 3473.11	—
(70%Imax) 4051.96	—
(80%Imax) 4630.82	—
(90%Imax) 5209.67	—



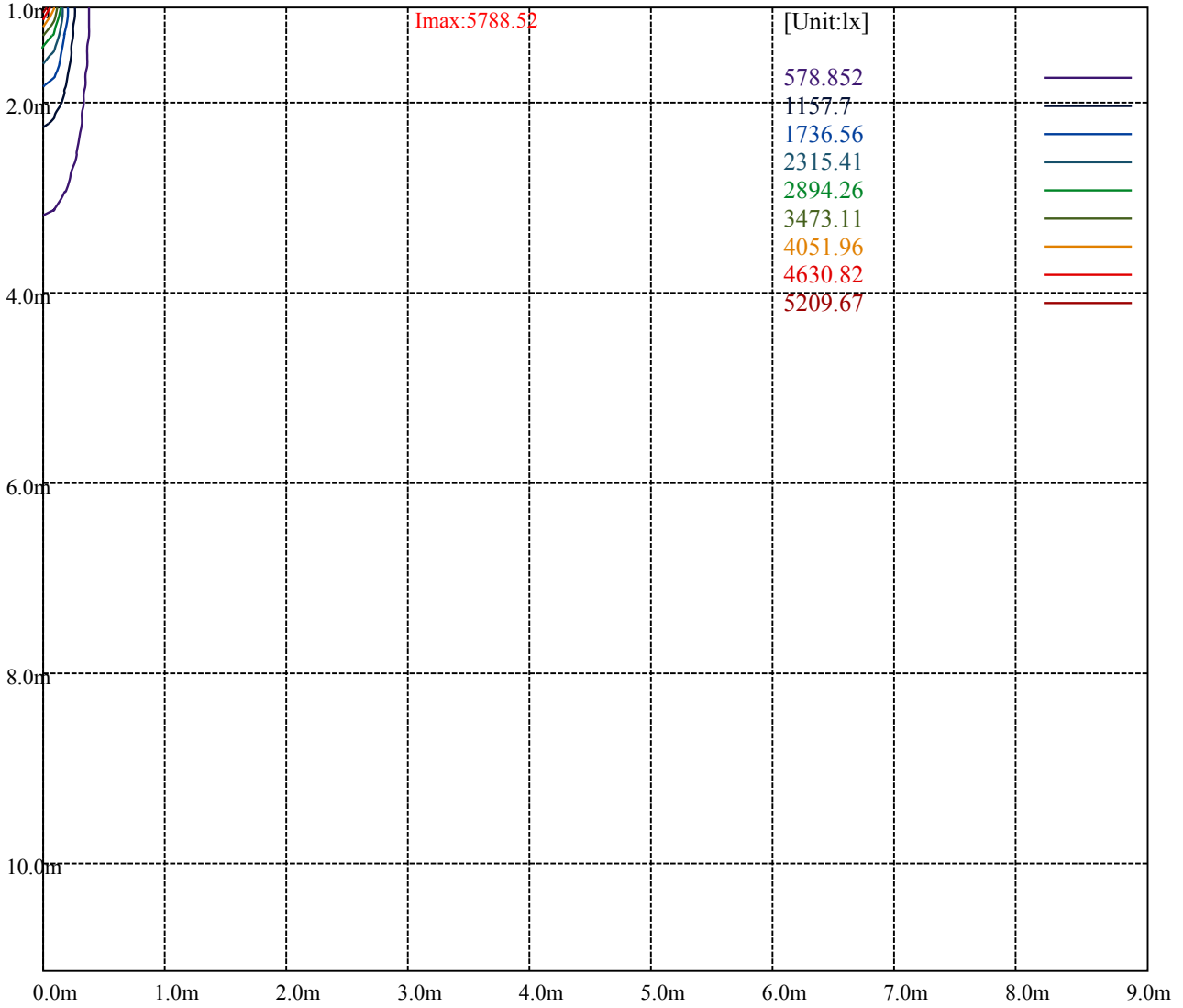
House

[Unit:cd]

Road

Imax:5788.52

(10%Imax) 578.852	—
(20%Imax) 1157.7	—
(30%Imax) 1736.56	—
(40%Imax) 2315.41	—
(50%Imax) 2894.26	—
(60%Imax) 3473.11	—
(70%Imax) 4051.96	—
(80%Imax) 4630.82	—
(90%Imax) 5209.67	—



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

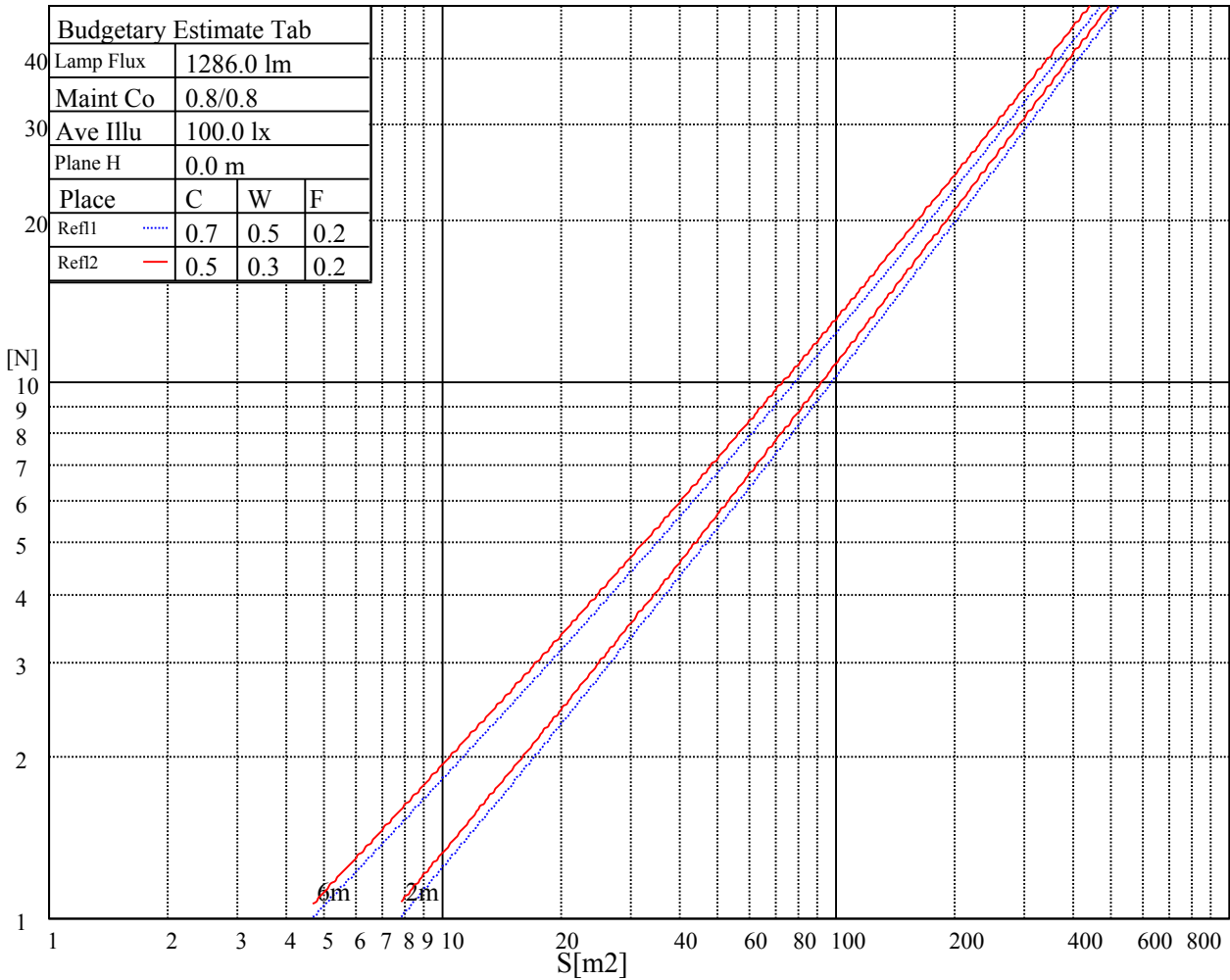
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

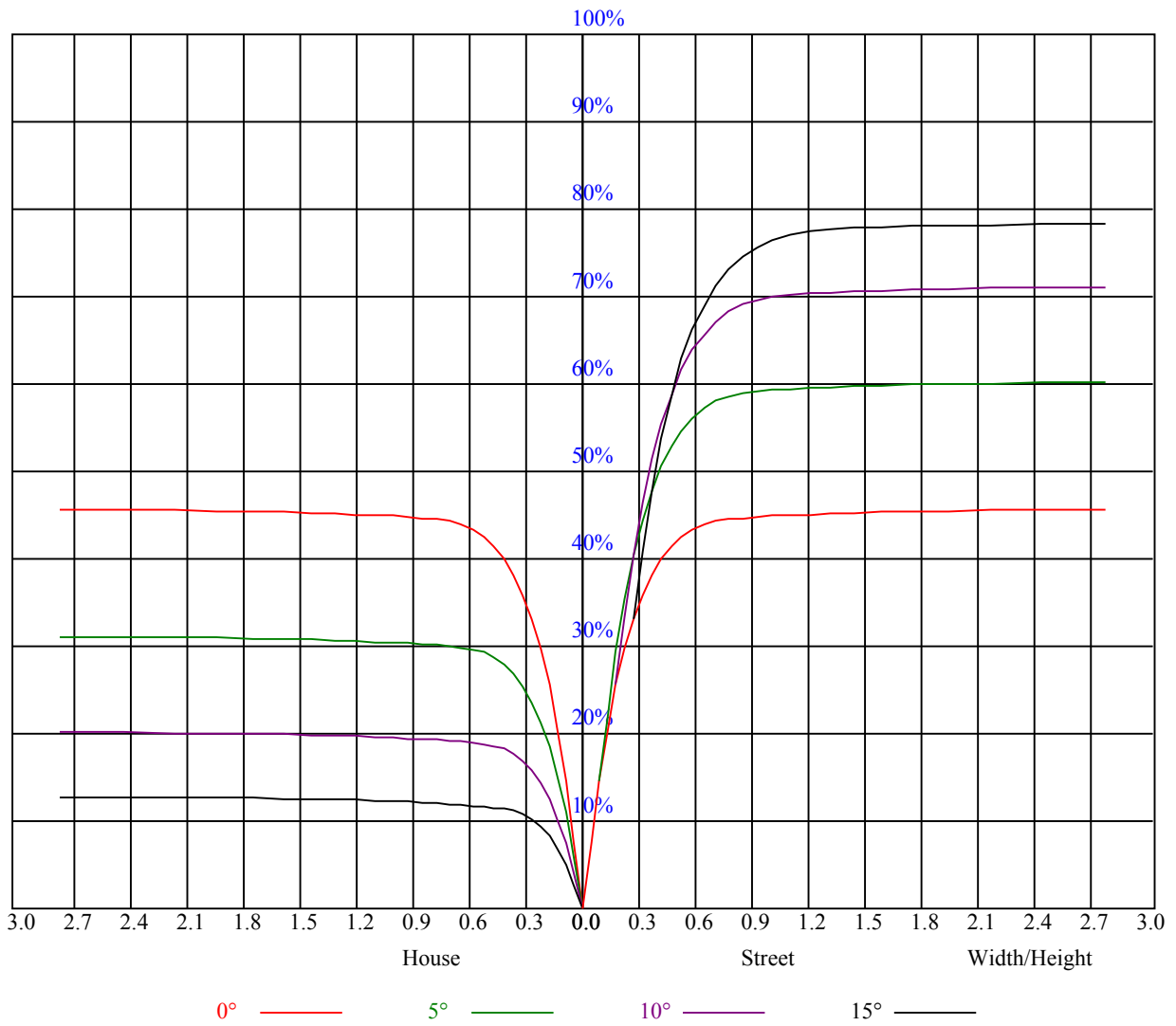


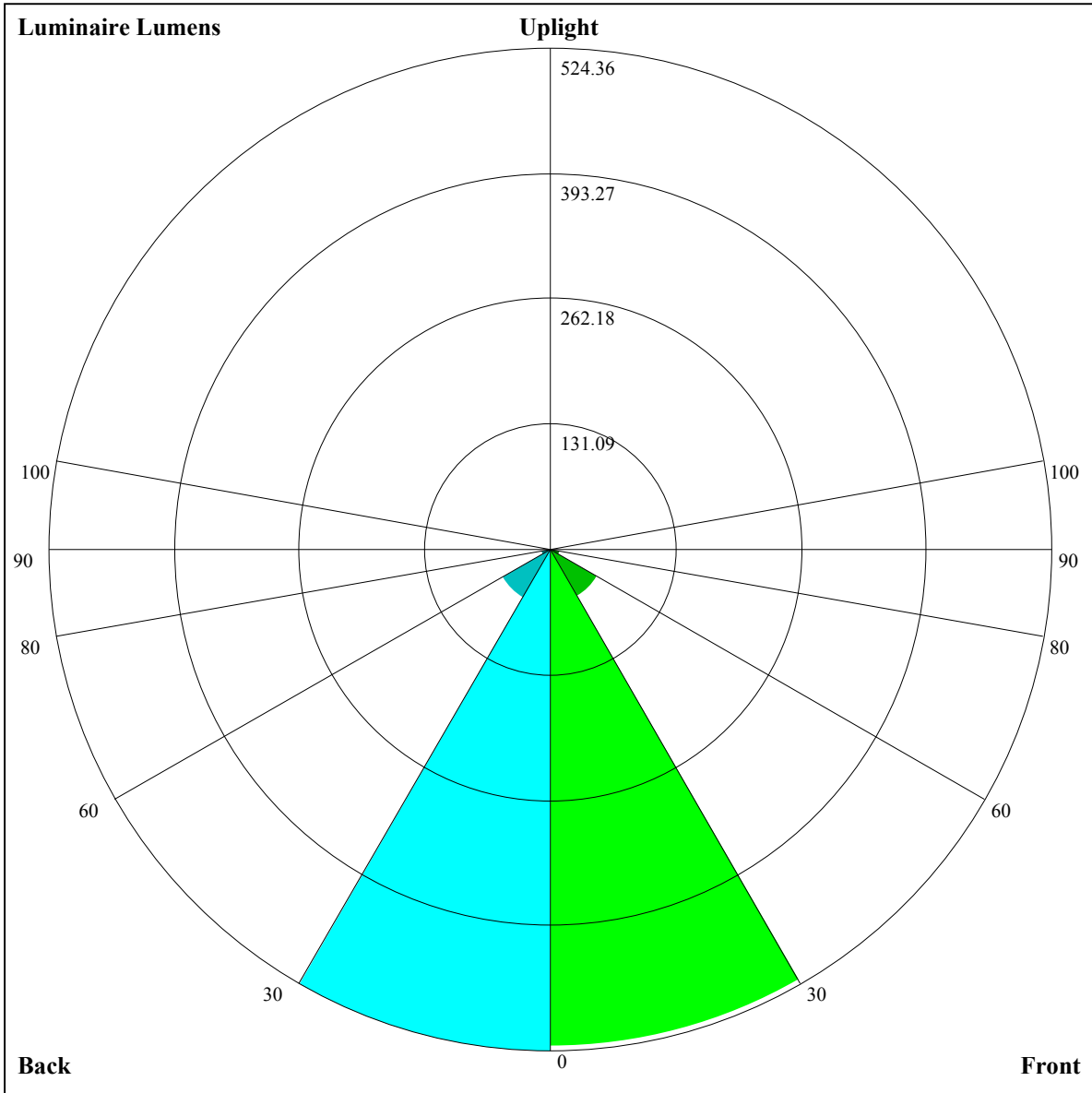
Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	3H	非数字	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	1.10	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	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88
2	0.97	0.94	0.91	0.96	0.93	0.90	0.93	0.91	0.89	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	0.79	0.76	0.82	0.78	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	0.73	0.70	0.77	0.73	0.70	0.76	0.72	0.70	0.75	0.72	0.69	0.74	0.71	0.69	0.68
8	0.75	0.71	0.68	0.74	0.70	0.68	0.74	0.70	0.67	0.73	0.69	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	0.70	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	0.65	0.63	0.68	0.65	0.63	0.68	0.65	0.63	0.62





Luminaire Lumens:

FL=520.39,FM=57.33,FH=9.87,FVH=3.22

BL=524.36,BM=58.5,BH=9.75,BVH=3.21

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	5803.73	5713.61	5543.31	5270.01	4927.07	4447.77	4036.94	3618.50	3227.57
45.0	5777.98	5772.13	5667.96	5460.21	5102.64	4755.01	4371.10	3867.81	3478.05
90.0	5731.75	5564.96	5231.97	4910.10	4537.31	4039.28	3653.03	3287.85	2939.06
135.0	5840.60	5765.70	5601.25	5275.86	4945.21	4581.20	4186.17	3789.39	3307.16
180.0	5803.73	5756.92	5618.22	5397.59	5027.73	4676.01	4196.71	3791.73	3405.48
225.0	5777.98	5672.06	5471.91	5114.93	4754.43	4369.93	3957.94	3440.01	3057.86
270.0	5731.75	5838.85	5784.42	5618.22	5310.98	4981.49	4602.27	4176.81	3641.91
315.0	5840.60	5803.73	5633.43	5365.40	4938.19	4525.02	4091.37	3538.33	3119.31
360.0	5803.73	5713.61	5543.31	5270.01	4927.07	4447.77	4036.94	3618.50	3227.57
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	2778.12	2460.93	2133.79	1914.33	1734.67	1541.54	1405.18	1143.18	1143.18
45.0	3107.60	2767.59	2401.82	2154.27	1938.32	1751.05	1552.66	1413.38	1289.89
90.0	2621.87	2280.10	2045.42	1850.54	1640.44	1495.89	1284.63	1146.63	1124.04
135.0	2958.96	2642.35	2295.31	2060.64	1811.92	1644.54	1498.23	1339.64	1224.35
180.0	2974.17	2641.18	2356.76	2111.55	1857.56	1686.09	1531.59	1395.23	1249.51
225.0	2709.07	2414.11	2101.60	1895.02	1673.22	1526.91	1396.41	1146.69	1146.69
270.0	3226.99	2856.54	2525.30	2164.81	1935.98	1743.44	1547.39	1405.77	1284.04
315.0	2739.50	2344.45	2081.70	1861.07	1683.75	1502.33	1288.72	1156.64	1156.64
360.0	2778.12	2460.93	2133.79	1914.33	1734.67	1541.54	1405.18	1143.18	1143.18
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	1051.59	968.61	893.46	807.49	742.59	683.37	626.07	569.31	503.82
45.0	1157.05	1068.09	961.00	882.58	814.69	750.90	677.75	618.06	564.80
90.0	1032.34	928.99	856.71	787.36	709.47	651.82	594.94	542.56	480.59
135.0	1124.28	1037.08	938.76	869.12	802.99	738.61	664.87	608.11	556.02
180.0	1141.25	1042.93	937.59	860.92	778.99	720.47	664.29	609.86	544.32
225.0	1056.74	951.46	882.69	817.15	755.76	680.27	624.32	572.29	521.49
270.0	1148.86	1052.29	960.41	862.09	792.45	729.25	670.14	596.40	544.32
315.0	1040.88	958.36	883.10	813.99	734.98	676.70	605.65	554.50	506.57
360.0	1051.59	968.61	893.46	807.49	742.59	683.37	626.07	569.31	503.82
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	451.33	401.76	344.05	298.23	244.27	205.71	171.71	133.31	106.57
45.0	513.30	448.93	400.35	351.78	295.60	295.60	243.10	167.20	136.42
90.0	431.02	382.91	337.27	292.55	239.18	200.32	157.72	127.23	100.83
135.0	491.06	440.73	390.99	331.30	296.18	296.18	191.02	157.60	127.11
180.0	496.33	447.76	399.77	343.00	296.18	296.18	239.47	159.65	128.57
225.0	459.69	411.88	362.02	302.80	258.49	217.29	181.19	140.98	106.10
270.0	497.50	448.93	389.82	340.07	304.38	304.38	199.97	165.50	130.80
315.0	442.37	394.91	346.86	301.80	247.67	207.70	173.11	142.27	108.50
360.0	451.33	401.76	344.05	298.23	244.27	205.71	171.71	133.31	106.57
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	84.10	66.25	52.32	39.21	32.30	27.51	23.53	21.42	19.84
45.0	109.26	86.20	63.20	49.51	37.22	30.67	26.16	23.06	20.48
90.0	74.56	58.82	46.29	35.05	29.38	25.34	22.71	20.42	19.02
135.0	100.78	73.86	57.64	45.41	36.58	29.03	25.16	22.59	20.25
180.0	95.74	74.62	58.11	43.07	34.59	28.62	23.70	21.30	19.72
225.0	82.98	64.61	50.62	40.32	31.72	27.45	24.76	23.12	21.42
270.0	105.81	83.04	62.15	49.86	40.32	33.47	28.15	25.40	23.35
315.0	85.74	67.18	50.33	40.44	32.25	28.09	25.34	23.06	21.65
360.0	84.10	66.25	52.32	39.21	32.30	27.51	23.53	21.42	19.84

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	18.26	17.32	16.44	15.57	15.04	14.57	14.10	13.81	13.64
45.0	19.08	17.91	16.91	15.92	15.33	14.81	14.34	13.99	13.75
90.0	17.91	16.85	15.80	15.16	14.51	14.05	13.75	13.40	13.23
135.0	19.08	17.79	16.91	16.09	15.51	14.86	14.46	14.05	13.75
180.0	18.43	17.15	16.39	15.63	14.98	14.46	14.10	13.81	13.58
225.0	20.37	19.49	18.55	17.85	17.32	16.68	16.21	15.80	15.45
270.0	21.77	19.90	18.79	17.50	16.62	15.86	15.10	14.69	14.28
315.0	20.54	19.55	18.49	17.79	17.21	16.74	16.21	15.74	15.45
360.0	18.26	17.32	16.44	15.57	15.04	14.57	14.10	13.81	13.64
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	13.52	13.46	13.34	13.40	13.52	13.52	13.52	13.34	13.11
45.0	13.52	13.46	13.46	13.46	13.52	13.52	13.46	13.11	12.82
90.0	13.05	12.99	13.05	13.05	13.11	13.05	12.82	12.58	12.35
135.0	13.46	13.28	13.11	13.05	13.05	12.99	12.82	12.64	12.41
180.0	13.40	13.34	13.23	13.23	13.28	13.28	13.23	13.05	12.82
225.0	15.16	14.92	14.75	14.51	14.46	14.34	14.05	13.64	13.28
270.0	13.99	13.75	13.69	13.58	13.52	13.58	13.69	13.64	13.40
315.0	15.10	14.92	14.75	14.63	14.51	14.51	14.46	14.28	14.05
360.0	13.52	13.46	13.34	13.40	13.52	13.52	13.52	13.34	13.11
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	12.70	12.11	11.65	11.12	10.53	10.07	9.66	9.31	8.90
45.0	12.47	12.00	11.29	10.77	10.30	9.71	9.36	9.01	8.72
90.0	11.65	11.12	10.53	10.01	9.54	9.13	8.78	8.49	8.31
135.0	12.06	11.53	11.00	10.53	9.95	9.48	9.19	8.84	8.49
180.0	12.41	11.88	11.41	10.94	10.42	10.01	9.54	9.25	8.95
225.0	12.70	12.17	11.76	11.24	10.83	10.48	10.12	9.42	9.07
270.0	13.17	12.93	12.41	12.00	11.59	11.18	10.59	10.01	9.42
315.0	13.69	12.99	12.47	11.94	11.29	10.59	10.12	9.54	9.01
360.0	12.70	12.11	11.65	11.12	10.53	10.07	9.66	9.31	8.90
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	8.66	8.37	8.13	7.84	7.67	7.37	7.20	7.02	6.85
45.0	8.43	8.13	7.90	7.67	7.43	7.32	7.02	6.91	6.73
90.0	8.02	7.78	7.55	7.37	7.20	6.96	6.85	6.61	6.44
135.0	8.19	7.90	7.67	7.43	7.26	7.08	6.91	6.73	6.61
180.0	8.66	8.43	8.19	7.96	7.72	7.49	7.32	7.14	6.96
225.0	8.66	8.25	7.90	7.67	7.49	7.20	7.02	6.85	6.61
270.0	9.07	8.72	8.31	7.96	7.72	7.49	7.26	7.02	6.85
315.0	8.66	8.19	7.90	7.67	7.49	7.20	7.02	6.85	6.67
360.0	8.66	8.37	8.13	7.84	7.67	7.37	7.20	7.02	6.85
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	6.67	6.55	6.38	6.20	6.09	5.74	5.56	5.44	5.38
45.0	6.50	6.44	6.26	6.14	6.03	5.79	5.50	5.38	5.33
90.0	6.32	6.14	6.03	5.91	5.74	5.44	5.33	5.27	5.15
135.0	6.44	6.26	6.14	5.97	5.85	5.74	5.44	5.33	5.21
180.0	6.79	6.67	6.50	6.32	6.20	5.91	5.68	5.50	5.27
225.0	6.50	6.32	6.20	6.09	5.79	5.56	5.44	5.33	5.21
270.0	6.67	6.50	6.32	6.14	6.03	5.68	5.44	5.38	5.27
315.0	6.50	6.38	6.20	6.09	5.85	5.50	5.38	5.27	5.15
360.0	6.67	6.55	6.38	6.20	6.09	5.74	5.56	5.44	5.38

Intensity data(cd)

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