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NT

Client:

LumCAT: 1-1207-L

Luminaire: 92.70.410.00

Report No: 2024802-B019

Ballast type: AC

Test No: 2024802-C019

Voltage(V): 34.820

LampCAT: Fortimo_SLM_C_1204

Current(A): 0.321

Lamp flux(lm): 1868.0

Power (W): 11.177

Number of Lamps: 1

PF: 0.000

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 1713.39, Efficiency(%): 91.72% , Luminous Efficacy(lm/W): 153.30

Central intensity(cd): 5442.212, Maximum intensity(cd): 5442.212

Angle of maximum intensity: C=0.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=28.2

[C90/270]Total=28.2

Field angle(10%Imax): [C0/180]Total=58.2

[C90/270]Total=58.2

Maximum s/h(1/2): C0_180=0.48 C90_270=0.48

Maximum s/h(1/4): C0_180=0.47 C90_270=0.47

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 91.72%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 98.057%

Equipment: GMS1980
Temperature(°C): 25.0

Date: 2024/8/02
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	5442.212	0.000	0	0.00%	0.00%
1.0	5425.972	5.200	5.2	0.28%	0.30%
2.0	5382.885	15.514	20.714	0.83%	1.21%
3.0	5319.681	25.597	46.311	1.37%	2.70%
4.0	5231.312	35.318	81.629	1.89%	4.76%
5.0	5099.051	44.441	126.069	2.38%	7.36%
6.0	4929.409	52.702	178.772	2.82%	10.43%
7.0	4728.896	59.949	238.721	3.21%	13.93%
8.0	4491.880	65.991	304.712	3.53%	17.78%
9.0	4246.890	70.823	375.535	3.79%	21.92%
10.0	3972.273	74.380	449.915	3.98%	26.26%
11.0	3677.759	76.440	526.355	4.09%	30.72%
12.0	3371.028	77.053	603.408	4.12%	35.22%
13.0	3077.025	76.522	679.93	4.10%	39.68%
14.0	2760.199	74.716	754.646	4.00%	44.04%
15.0	2467.221	71.764	826.411	3.84%	48.23%
16.0	2171.755	67.974	894.385	3.64%	52.20%
17.0	1909.501	63.556	957.941	3.40%	55.91%
18.0	1674.168	59.087	1017.028	3.16%	59.36%
19.0	1390.919	53.326	1070.354	2.85%	62.47%
20.0	1286.332	49.001	1119.355	2.62%	65.33%
21.0	1178.058	47.321	1166.676	2.53%	68.09%
22.0	1071.218	45.200	1211.876	2.42%	70.73%
23.0	980.318	43.047	1254.923	2.30%	73.24%
24.0	897.165	41.049	1295.972	2.20%	75.64%
25.0	828.386	39.235	1335.207	2.10%	77.93%
26.0	764.077	37.590	1372.797	2.01%	80.12%
27.0	692.643	35.639	1408.436	1.91%	82.20%
28.0	627.383	33.420	1441.856	1.79%	84.15%
29.0	554.135	30.912	1472.768	1.65%	85.96%
30.0	485.964	28.082	1500.851	1.50%	87.60%
31.0	410.989	24.961	1525.812	1.34%	89.05%
32.0	348.560	21.760	1547.572	1.16%	90.32%
33.0	292.371	18.882	1566.454	1.01%	91.42%
34.0	249.547	16.400	1582.854	0.88%	92.38%
35.0	212.473	14.349	1597.203	0.77%	93.22%
36.0	147.660	11.467	1608.669	0.61%	93.89%
37.0	116.409	8.612	1617.282	0.46%	94.39%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	92.173	6.962	1624.244	0.37%	94.80%
39.0	74.353	5.684	1629.928	0.30%	95.13%
40.0	61.990	4.755	1634.683	0.25%	95.41%
41.0	52.963	4.093	1638.776	0.22%	95.64%
42.0	46.438	3.611	1642.388	0.19%	95.86%
43.0	41.361	3.252	1645.64	0.17%	96.05%
44.0	37.623	2.981	1648.621	0.16%	96.22%
45.0	34.514	2.772	1651.393	0.15%	96.38%
46.0	31.792	2.593	1653.987	0.14%	96.53%
47.0	29.364	2.432	1656.419	0.13%	96.67%
48.0	27.308	2.291	1658.71	0.12%	96.81%
49.0	25.626	2.174	1660.884	0.12%	96.94%
50.0	24.119	2.074	1662.958	0.11%	97.06%
51.0	22.729	1.982	1664.94	0.11%	97.17%
52.0	21.661	1.905	1666.844	0.10%	97.28%
53.0	20.695	1.842	1668.687	0.10%	97.39%
54.0	19.788	1.784	1670.471	0.10%	97.49%
55.0	18.947	1.729	1672.2	0.09%	97.60%
56.0	18.149	1.676	1673.877	0.09%	97.69%
57.0	17.396	1.625	1675.502	0.09%	97.79%
58.0	16.701	1.577	1677.078	0.08%	97.88%
59.0	16.101	1.534	1678.612	0.08%	97.97%
60.0	15.501	1.493	1680.105	0.08%	98.06%
61.0	14.982	1.455	1681.56	0.08%	98.14%
62.0	14.521	1.422	1682.981	0.08%	98.22%
63.0	14.082	1.391	1684.372	0.07%	98.31%
64.0	13.694	1.363	1685.735	0.07%	98.39%
65.0	13.307	1.336	1687.072	0.07%	98.46%
66.0	12.912	1.308	1688.38	0.07%	98.54%
67.0	12.524	1.279	1689.659	0.07%	98.61%
68.0	12.173	1.251	1690.91	0.07%	98.69%
69.0	11.843	1.225	1692.135	0.07%	98.76%
70.0	11.558	1.202	1693.337	0.06%	98.83%
71.0	11.309	1.182	1694.519	0.06%	98.90%
72.0	11.075	1.164	1695.683	0.06%	98.97%
73.0	10.819	1.145	1696.828	0.06%	99.03%
74.0	10.571	1.125	1697.952	0.06%	99.10%
75.0	10.322	1.104	1699.056	0.06%	99.16%

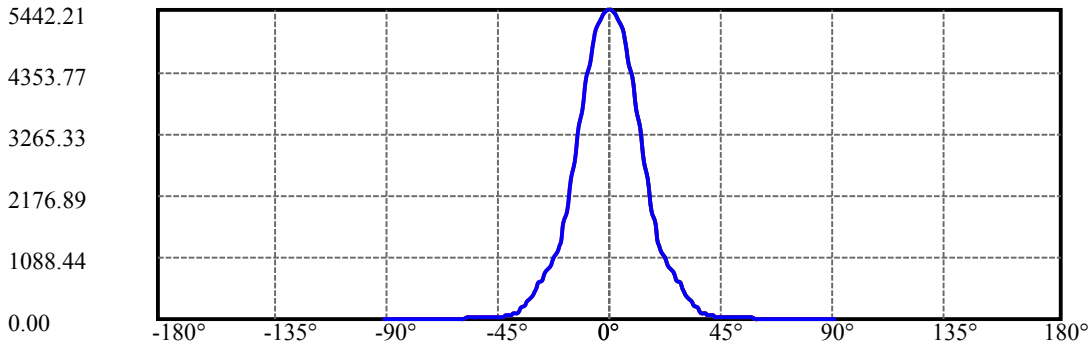
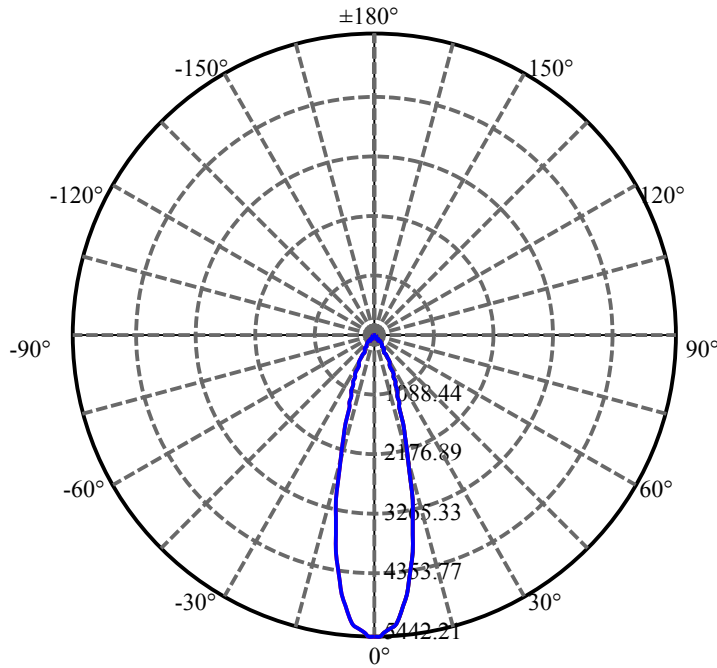
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	10.088	1.083	1700.139	0.06%	99.23%
77.0	9.861	1.064	1701.203	0.06%	99.29%
78.0	9.664	1.045	1702.248	0.06%	99.35%
79.0	9.437	1.026	1703.274	0.05%	99.41%
80.0	9.239	1.007	1704.281	0.05%	99.47%
81.0	9.049	0.989	1705.27	0.05%	99.53%
82.0	8.873	0.972	1706.242	0.05%	99.58%
83.0	8.691	0.955	1707.197	0.05%	99.64%
84.0	8.508	0.937	1708.134	0.05%	99.69%
85.0	8.354	0.920	1709.054	0.05%	99.75%
86.0	8.208	0.905	1709.96	0.05%	99.80%
87.0	8.032	0.889	1710.848	0.05%	99.85%
88.0	7.835	0.869	1711.717	0.05%	99.90%
89.0	7.637	0.848	1712.565	0.05%	99.95%
90.0	7.491	0.829	1713.395	0.04%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	1500.85	80.35%	87.60%
0-40	1634.68	87.51%	95.41%
0-60	1680.10	89.94%	98.06%
0-90	1712.57	91.68%	99.95%
0-120	1712.57	91.68%	99.95%
0-180	1713.39	91.72%	100.00%
60-90	32.46	1.74%	1.89%
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%
0-25.94	1370.72	73.38%	80.00%

ZONAL LUMEN SUMMARY

0-10	449.92
10-20	669.44
20-30	381.50
30-40	133.83
40-50	28.27
50-60	17.15
60-70	13.23
70-80	10.94
80-90	8.28
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



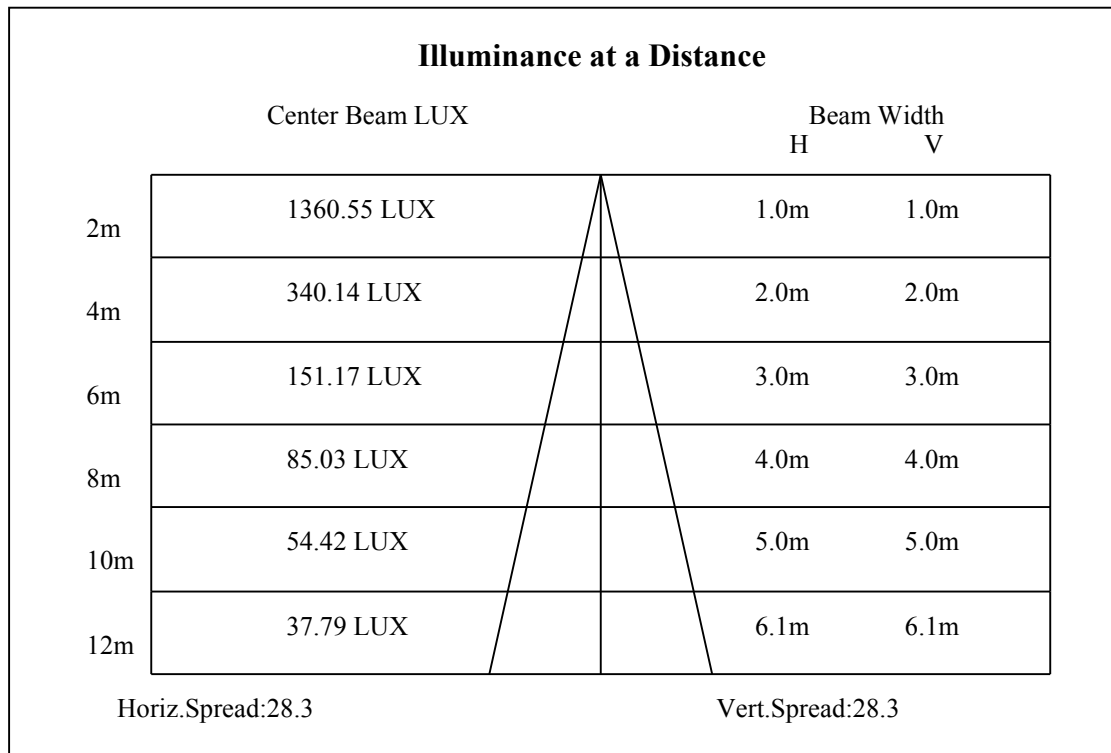
C0(Max): ———

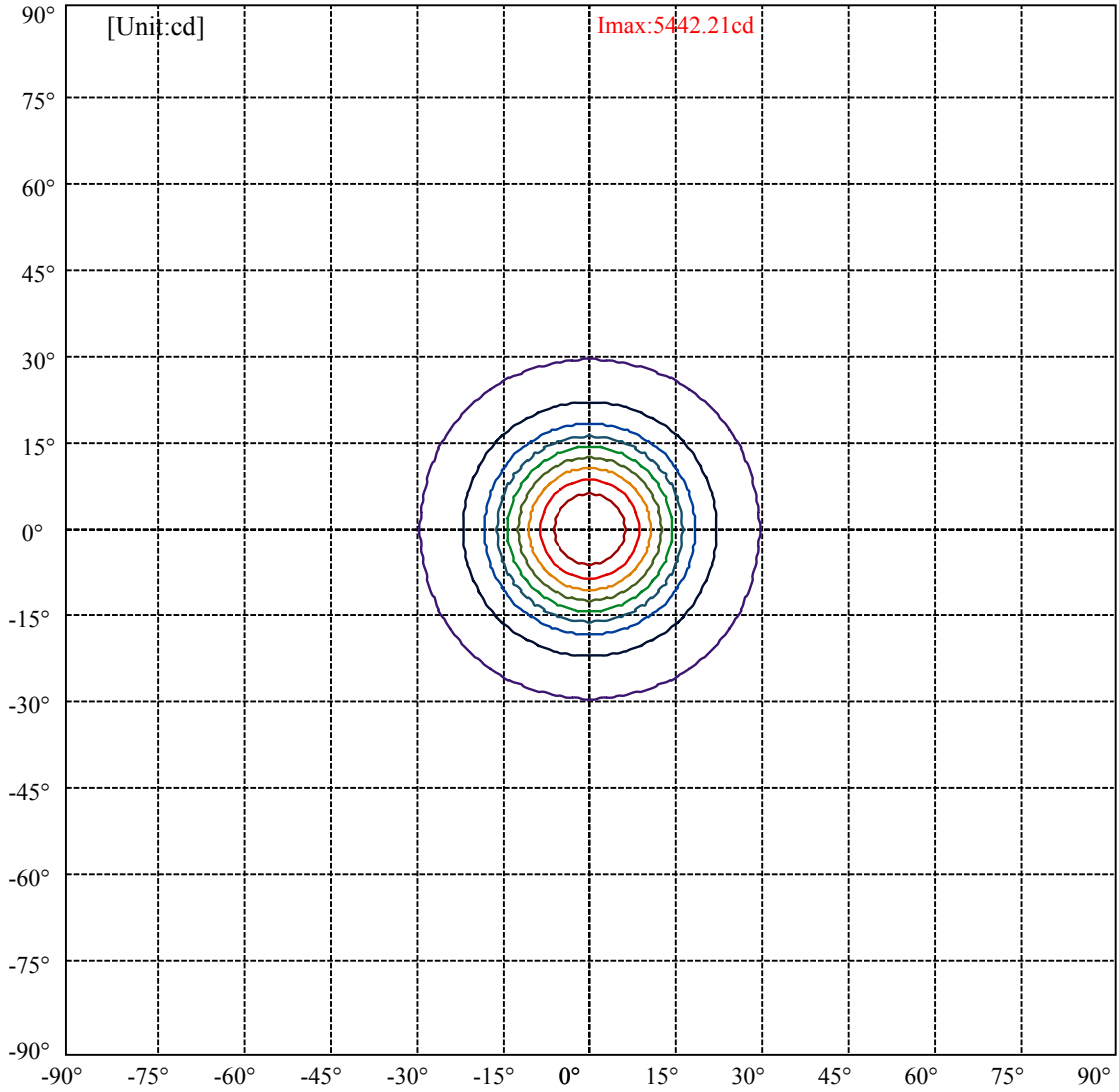
C0/C180: ———

C90/C270: ———

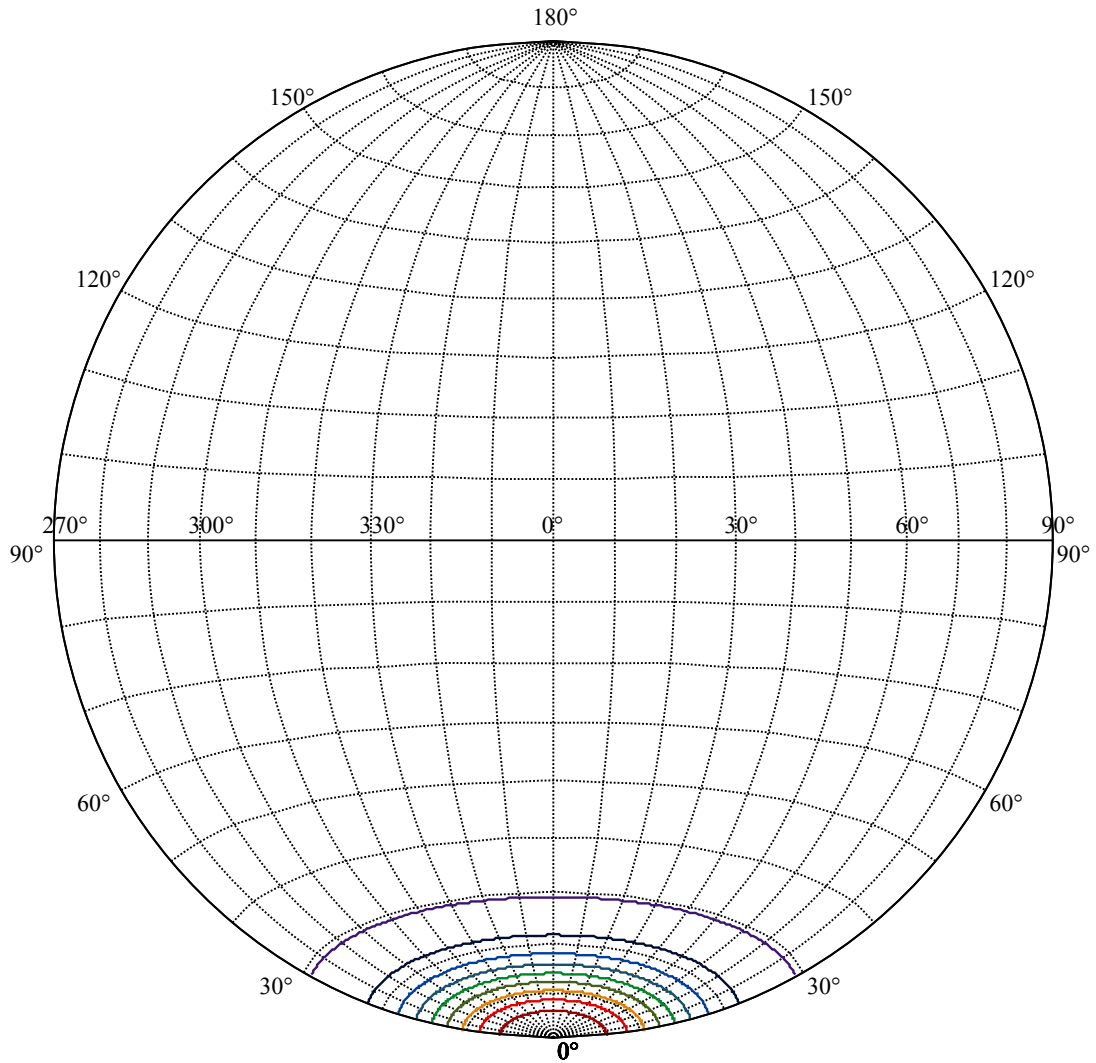
Field angle(10%Imax):C0/180Left:29.1 Right:29.1
:C90/270Left:29.1 Right:29.1

Beam Angle(50%Imax):C0/180Left:14.1 Right:14.1
:C90/270Left:14.1 Right:14.1





(10%Imax) 544.221	—
(20%Imax) 1088.44	—
(30%Imax) 1632.66	—
(40%Imax) 2176.89	—
(50%Imax) 2721.11	—
(60%Imax) 3265.33	—
(70%Imax) 3809.55	—
(80%Imax) 4353.77	—
(90%Imax) 4897.99	—



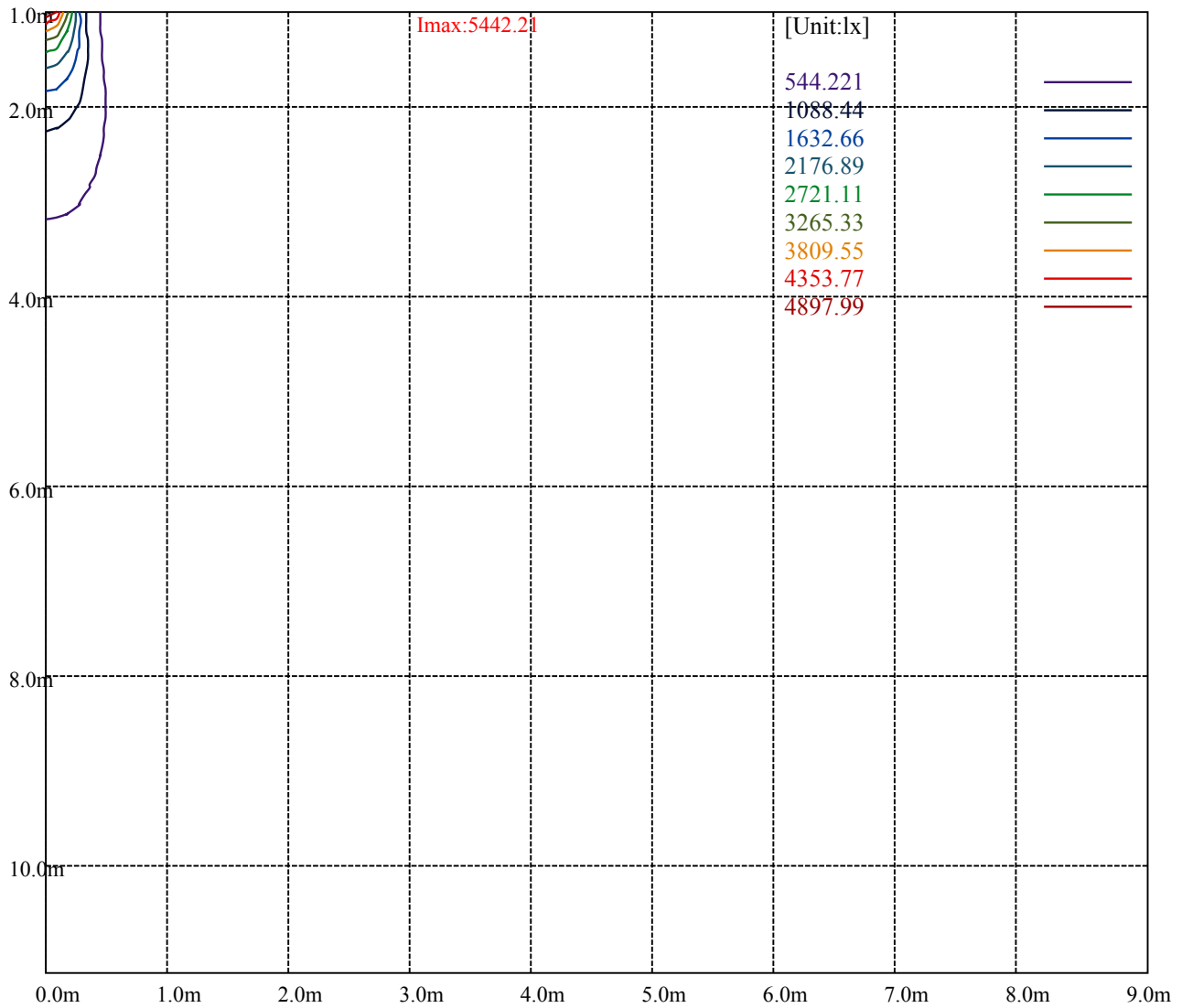
House

[Unit:cd]

Road

Imax:5442.21

(10%Imax) 544.221	—
(20%Imax) 1088.44	—
(30%Imax) 1632.66	—
(40%Imax) 2176.89	—
(50%Imax) 2721.11	—
(60%Imax) 3265.33	—
(70%Imax) 3809.55	—
(80%Imax) 4353.77	—
(90%Imax) 4897.99	—



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

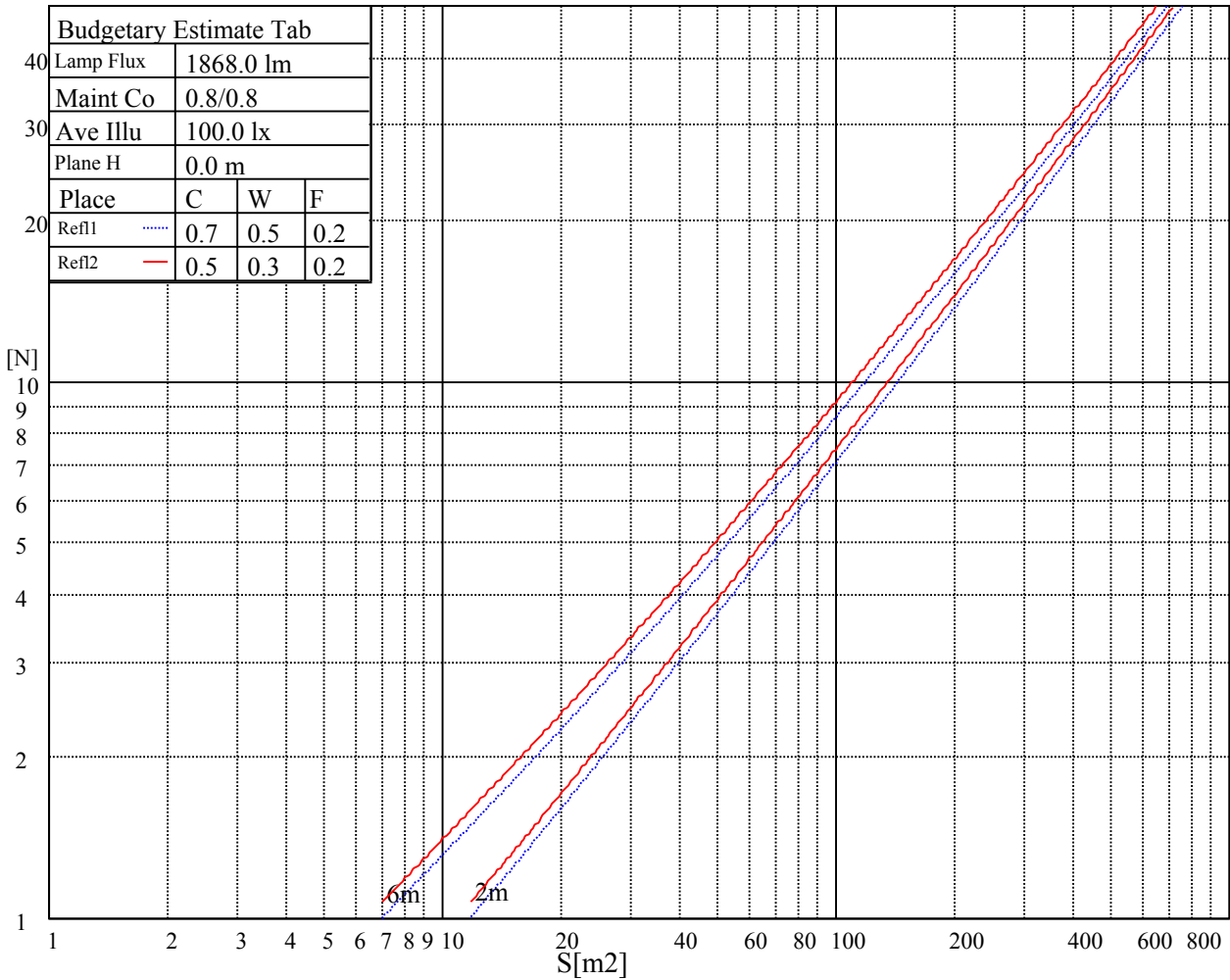
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

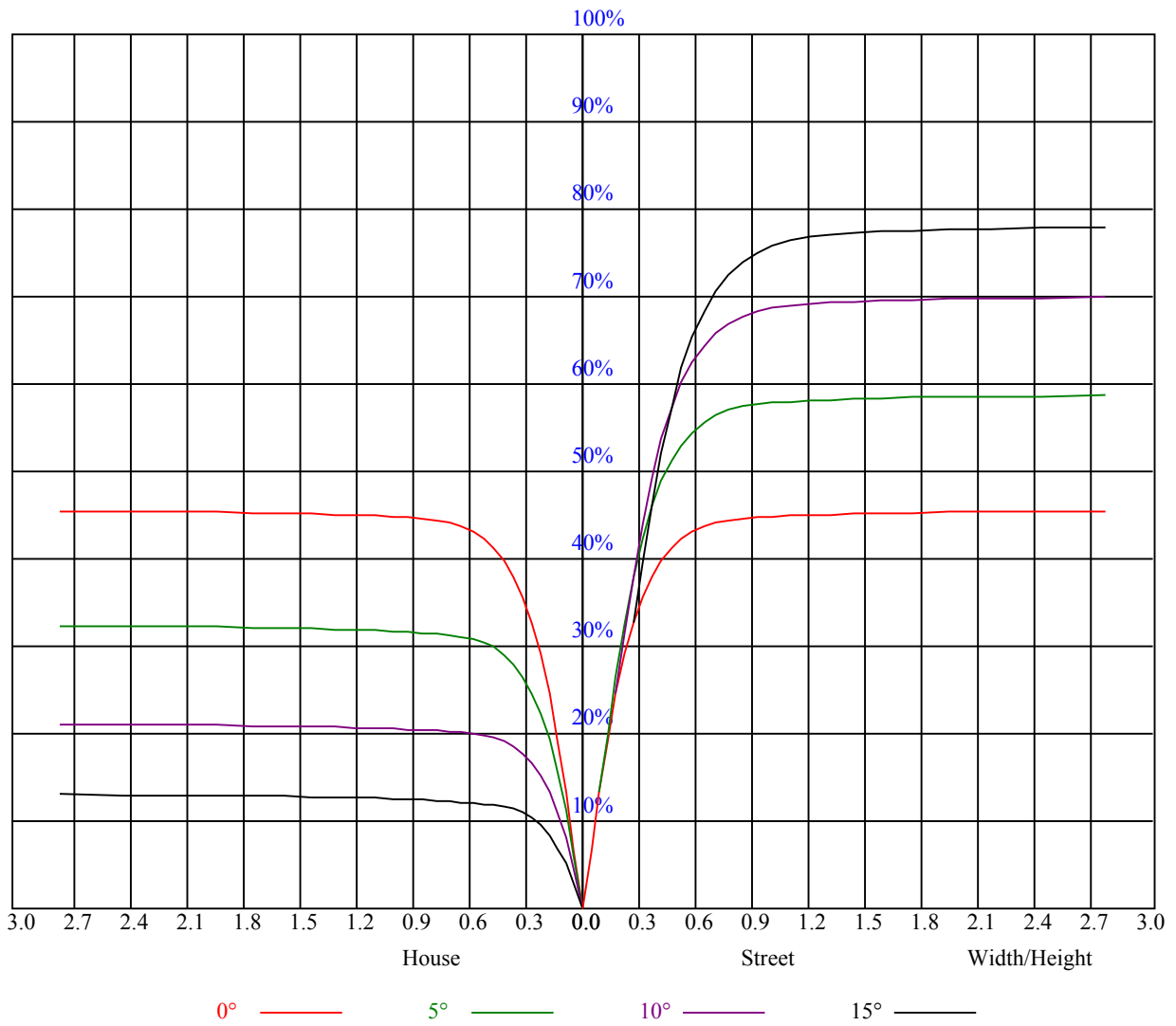


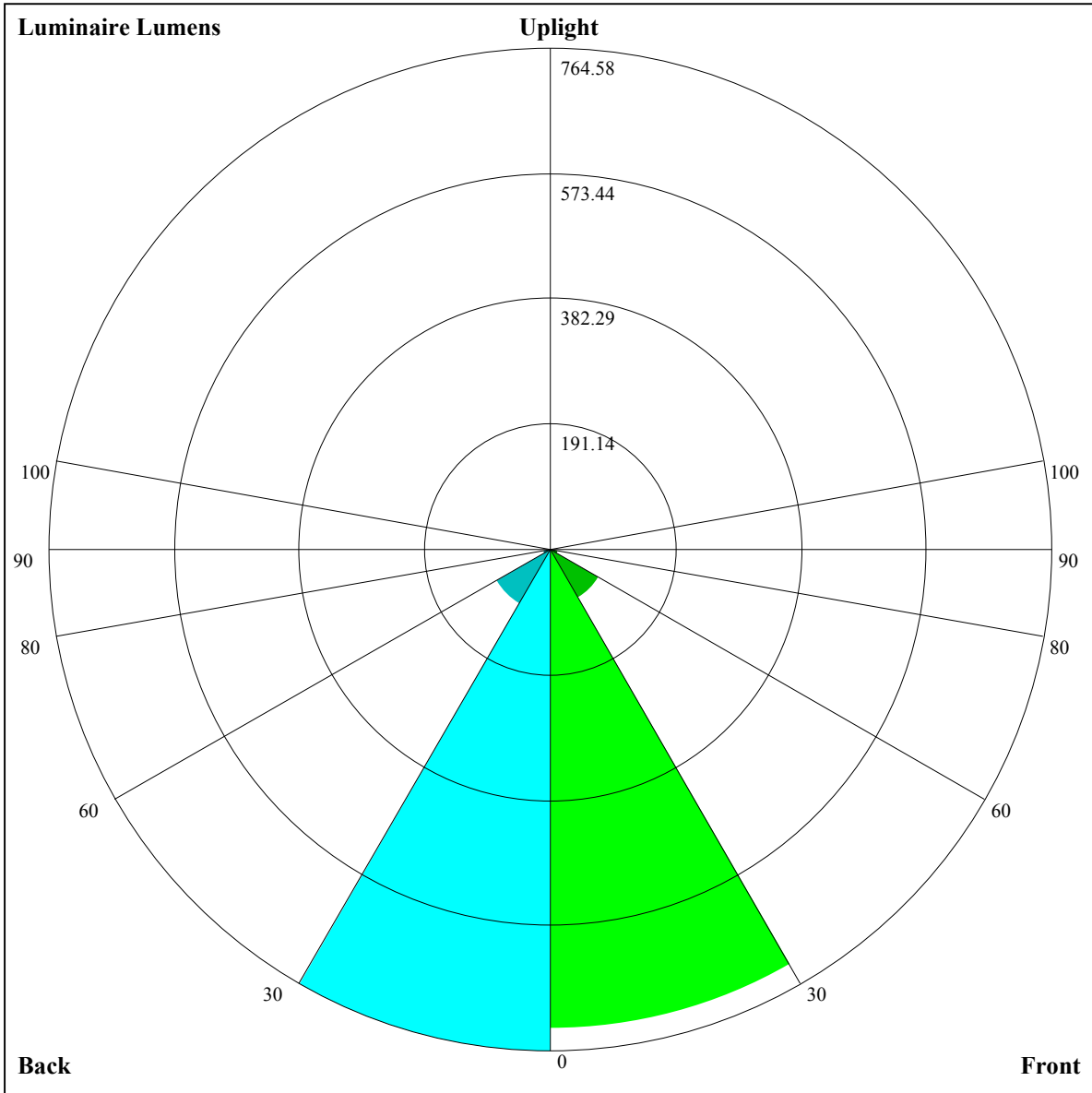
Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	3H	非数字	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	1.09	1.09	1.09	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	1.02	1.00	0.99	1.00	0.99	0.97	0.97	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.89	0.87
2	0.97	0.93	0.91	0.95	0.92	0.90	0.92	0.90	0.88	0.90	0.88	0.86	0.87	0.86	0.84	0.83
3	0.92	0.88	0.85	0.90	0.87	0.84	0.88	0.85	0.83	0.86	0.84	0.81	0.84	0.82	0.80	0.79
4	0.87	0.83	0.80	0.86	0.82	0.79	0.84	0.81	0.78	0.83	0.80	0.78	0.81	0.79	0.77	0.75
5	0.83	0.79	0.76	0.82	0.78	0.75	0.81	0.77	0.75	0.80	0.76	0.74	0.78	0.76	0.73	0.72
6	0.80	0.75	0.72	0.79	0.75	0.72	0.78	0.74	0.71	0.77	0.73	0.71	0.75	0.73	0.70	0.69
7	0.77	0.72	0.69	0.76	0.72	0.69	0.75	0.71	0.68	0.74	0.71	0.68	0.73	0.70	0.68	0.67
8	0.74	0.69	0.66	0.73	0.69	0.66	0.72	0.68	0.66	0.71	0.68	0.65	0.71	0.67	0.65	0.64
9	0.71	0.67	0.64	0.70	0.66	0.63	0.70	0.66	0.63	0.69	0.66	0.63	0.68	0.65	0.63	0.62
10	0.68	0.64	0.61	0.68	0.64	0.61	0.67	0.64	0.61	0.67	0.63	0.61	0.66	0.63	0.61	0.60





Luminaire Lumens:

FL=731.75,FM=85.69,FH=12.06,FVH=4.53

BL=764.58,BM=95.75,BH=12.05,BVH=4.56

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	5423.34	5379.45	5318.58	5257.72	5134.24	5007.24	4806.51	4612.80	4392.76
45.0	5444.99	5453.19	5418.07	5351.94	5275.86	5159.40	5019.53	4791.88	4575.35
90.0	5466.06	5442.65	5388.23	5308.63	5216.17	5045.87	4882.59	4629.77	4418.51
135.0	5434.46	5465.47	5448.50	5411.63	5376.52	5317.41	5183.40	5059.33	4857.43
180.0	5423.34	5423.92	5392.91	5367.16	5313.32	5217.34	5085.08	4924.73	4695.90
225.0	5444.99	5408.71	5345.50	5252.45	5121.95	4903.66	4689.47	4454.79	4142.28
270.0	5466.06	5443.82	5406.37	5334.38	5248.94	5120.78	4961.60	4759.69	4477.03
315.0	5434.46	5390.57	5344.92	5273.52	5163.50	5020.70	4807.10	4598.17	4375.79
360.0	5423.34	5379.45	5318.58	5257.72	5134.24	5007.24	4806.51	4612.80	4392.76
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	4097.80	3827.43	3543.60	3173.15	2880.54	2587.92	2312.28	1983.39	1754.56
45.0	4351.79	4056.84	3790.56	3450.55	3170.22	2881.12	2516.53	2243.81	1985.73
90.0	4186.76	3863.71	3581.05	3282.00	2979.44	2607.24	2319.89	2046.01	1750.47
135.0	4664.30	4451.87	4141.70	3874.83	3588.66	3200.07	2887.56	2576.80	2279.51
180.0	4497.51	4271.62	3949.16	3678.20	3390.27	3025.09	2728.96	2446.30	2175.34
225.0	3876.00	3601.53	3262.10	2998.75	2742.42	2479.66	2223.91	1930.72	1723.55
270.0	4239.43	3914.63	3640.74	3361.01	3012.80	2736.57	2462.10	2195.24	1890.92
315.0	4061.52	3790.56	3513.16	3149.74	2851.86	2563.93	2286.53	1951.78	1715.94
360.0	4097.80	3827.43	3543.60	3173.15	2880.54	2587.92	2312.28	1983.39	1754.56
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	1558.51	1287.55	1146.10	1120.12	1026.84	927.23	858.06	791.28	711.52
45.0	1759.24	1518.13	1361.88	1237.81	1137.74	1034.74	966.85	902.48	831.08
90.0	1549.73	1162.37	1162.37	1114.62	1023.15	945.78	862.45	806.73	755.17
135.0	1940.66	1705.99	1509.94	1347.25	1189.82	1087.99	978.55	907.74	842.78
180.0	1859.90	1639.27	1456.10	1265.90	1158.22	1060.49	971.53	884.92	823.47
225.0	1537.44	1159.56	1159.56	1109.94	997.34	924.13	860.81	791.52	733.99
270.0	1678.48	1490.63	1330.86	1171.68	1073.95	981.48	888.43	819.37	757.34
315.0	1509.35	1163.84	1163.84	1057.15	962.70	880.71	790.64	723.05	657.27
360.0	1558.51	1287.55	1146.10	1120.12	1026.84	927.23	858.06	791.28	711.52
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	645.85	577.32	490.65	420.66	353.30	293.26	229.00	184.81	147.30
45.0	773.14	712.86	633.27	569.48	481.11	411.47	345.93	300.86	300.86
90.0	684.65	625.14	564.80	484.62	418.61	355.47	297.24	231.46	186.22
135.0	767.87	705.25	640.29	574.16	486.38	417.91	354.70	297.35	297.35
180.0	747.39	687.70	625.66	560.12	471.75	408.55	347.10	301.45	301.45
225.0	673.42	590.84	524.60	457.70	376.24	315.73	261.71	213.43	162.63
270.0	675.41	613.37	533.20	462.39	399.18	335.39	306.13	306.13	173.58
315.0	573.40	506.57	420.60	358.57	301.33	250.71	197.16	160.88	130.39
360.0	645.85	577.32	490.65	420.66	353.30	293.26	229.00	184.81	147.30
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	116.93	93.93	73.91	60.75	53.72	48.28	42.96	39.50	36.52
45.0	174.16	136.94	107.21	84.74	66.13	56.53	49.74	43.37	39.50
90.0	148.00	117.05	88.19	71.87	60.75	50.86	45.18	40.09	36.81
135.0	184.70	147.36	117.63	90.07	74.79	61.57	54.37	48.87	43.77
180.0	180.83	141.62	109.61	89.60	73.86	63.03	53.20	47.17	41.90
225.0	130.21	104.64	84.92	67.18	57.06	49.57	42.66	38.74	35.58
270.0	140.45	107.21	87.08	71.92	60.40	50.10	43.77	38.04	34.59
315.0	105.98	82.52	68.82	58.70	49.22	43.77	39.62	35.11	32.30
360.0	116.93	93.93	73.91	60.75	53.72	48.28	42.96	39.50	36.52

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	33.83	30.96	28.97	27.21	25.69	24.11	22.94	21.95	21.07
45.0	35.52	32.71	30.20	27.56	25.69	24.11	22.65	21.42	20.13
90.0	33.77	31.08	28.21	26.28	24.52	22.94	21.36	20.48	19.61
135.0	40.38	37.16	34.35	31.37	29.14	27.21	25.05	23.58	22.24
180.0	38.57	35.35	32.01	29.73	27.74	25.87	23.82	22.30	21.07
225.0	32.07	29.90	27.97	25.98	24.64	23.41	22.41	21.30	20.60
270.0	31.89	29.38	26.98	25.34	23.94	22.47	21.48	20.66	20.01
315.0	30.08	27.80	26.22	24.99	23.64	22.82	22.12	21.59	20.83
360.0	33.83	30.96	28.97	27.21	25.69	24.11	22.94	21.95	21.07
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	20.01	19.20	18.32	17.67	17.09	16.39	15.86	15.39	14.98
45.0	19.31	18.49	17.73	16.97	16.44	15.80	15.33	14.92	14.46
90.0	18.49	17.67	16.91	16.09	15.51	14.98	14.51	14.10	13.75
135.0	21.07	19.72	18.73	17.97	16.97	16.33	15.57	14.98	14.51
180.0	19.90	18.79	17.91	17.15	16.27	15.68	15.16	14.57	14.16
225.0	19.96	19.31	18.38	17.67	16.85	16.27	15.74	15.22	14.75
270.0	19.31	18.79	18.32	17.73	17.26	16.74	15.98	15.39	14.92
315.0	20.25	19.61	18.90	17.91	17.21	16.62	15.86	15.27	14.63
360.0	20.01	19.20	18.32	17.67	17.09	16.39	15.86	15.39	14.98
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	14.40	14.05	13.64	13.23	12.76	12.41	12.11	11.88	11.65
45.0	14.16	13.87	13.46	13.05	12.70	12.35	11.88	11.59	11.29
90.0	13.40	13.17	12.87	12.52	12.17	11.82	11.53	11.24	11.00
135.0	14.16	13.75	13.40	13.11	12.82	12.41	12.11	11.88	11.59
180.0	13.81	13.40	13.17	12.93	12.58	12.41	12.17	11.88	11.65
225.0	14.28	13.75	13.28	12.82	12.35	11.82	11.47	11.18	10.94
270.0	14.34	13.93	13.46	12.93	12.52	12.17	11.82	11.41	11.18
315.0	14.10	13.64	13.17	12.70	12.29	12.00	11.65	11.41	11.18
360.0	14.40	14.05	13.64	13.23	12.76	12.41	12.11	11.88	11.65
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	11.29	11.12	10.83	10.59	10.36	10.12	9.89	9.71	9.48
45.0	11.06	10.77	10.53	10.30	10.01	9.83	9.60	9.36	9.13
90.0	10.83	10.53	10.30	10.07	9.77	9.60	9.42	9.19	8.95
135.0	11.35	11.12	10.83	10.65	10.42	10.12	9.89	9.71	9.48
180.0	11.41	11.18	11.00	10.71	10.48	10.30	10.07	9.83	9.60
225.0	10.71	10.42	10.18	9.95	9.71	9.48	9.31	9.13	8.95
270.0	10.94	10.71	10.42	10.18	10.01	9.71	9.60	9.31	9.19
315.0	11.00	10.71	10.48	10.12	9.95	9.71	9.54	9.25	9.13
360.0	11.29	11.12	10.83	10.59	10.36	10.12	9.89	9.71	9.48
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	9.25	9.13	8.90	8.78	8.60	8.49	8.19	7.90	7.55
45.0	8.95	8.78	8.60	8.37	8.25	8.13	7.96	7.78	7.67
90.0	8.84	8.60	8.49	8.31	8.13	7.96	7.78	7.67	7.49
135.0	9.25	9.01	8.90	8.66	8.49	8.31	8.19	8.02	7.84
180.0	9.42	9.31	9.07	8.84	8.66	8.54	8.43	8.19	7.96
225.0	8.78	8.60	8.43	8.25	8.13	7.96	7.84	7.67	7.49
270.0	8.95	8.78	8.60	8.43	8.31	8.13	7.96	7.78	7.61
315.0	8.95	8.78	8.54	8.43	8.25	8.13	7.90	7.67	7.49
360.0	9.25	9.13	8.90	8.78	8.60	8.49	8.19	7.90	7.55

Intensity data(cd)

C/γ(°)	90.0
0.0	7.49
45.0	7.49
90.0	7.43
135.0	7.61
180.0	7.49
225.0	7.43
270.0	7.49
315.0	7.49
360.0	7.49