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NT

Client:

LumCAT: 2-2680-L

Luminaire: 92.70.412.00

Report No: 2024316-B018

Ballast type: AC

Test No: 2024316-C018

Voltage(V): 35.110

LampCAT: Fortimo_SLM_C_1205

Current(A): 0.451

Lamp flux(lm): 2703.0

Power (W): 15.834

Number of Lamps: 1

PF: 0.000

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 2245.31, Efficiency(%): 83.07% , Luminous Efficacy(lm/W): 141.80

Central intensity(cd): 5048.941, Maximum intensity(cd): 5048.941

Angle of maximum intensity: C=0.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=37.0

[C90/270]Total=37.0

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

[C90/270]Total=64.8

Maximum s/h(1/2): C0_180=0.60 C90_270=0.60

Maximum s/h(1/4): C0_180=0.60 C90_270=0.60

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 83.07%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 98.222%

Equipment: GMS1980
Temperature(°C): 25.0

Date: 2024/3/16
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	5048.941	0.000	0	0.00%	0.00%
1.0	5039.943	4.827	4.827	0.18%	0.21%
2.0	5018.143	14.436	19.264	0.53%	0.86%
3.0	4979.958	23.912	43.176	0.88%	1.92%
4.0	4920.191	33.139	76.315	1.23%	3.40%
5.0	4843.234	42.002	118.317	1.55%	5.27%
6.0	4744.258	50.385	168.701	1.86%	7.51%
7.0	4621.727	58.135	226.836	2.15%	10.10%
8.0	4494.367	65.242	292.078	2.41%	13.01%
9.0	4339.209	71.591	363.669	2.65%	16.20%
10.0	4176.370	77.063	440.732	2.85%	19.63%
11.0	3997.145	81.670	522.402	3.02%	23.27%
12.0	3810.093	85.344	607.747	3.16%	27.07%
13.0	3629.112	88.285	696.031	3.27%	31.00%
14.0	3430.209	90.359	786.39	3.34%	35.02%
15.0	3226.770	91.390	877.78	3.38%	39.09%
16.0	3026.989	91.635	969.415	3.39%	43.18%
17.0	2839.936	91.364	1060.779	3.38%	47.24%
18.0	2629.548	90.180	1150.959	3.34%	51.26%
19.0	2424.499	87.930	1238.889	3.25%	55.18%
20.0	2220.329	85.013	1323.902	3.15%	58.96%
21.0	2028.375	81.584	1405.486	3.02%	62.60%
22.0	1836.421	77.665	1483.151	2.87%	66.06%
23.0	1642.200	72.991	1556.141	2.70%	69.31%
24.0	1428.366	67.134	1623.275	2.48%	72.30%
25.0	1312.982	62.332	1685.607	2.31%	75.07%
26.0	1177.846	58.796	1744.404	2.18%	77.69%
27.0	1064.524	54.860	1799.264	2.03%	80.13%
28.0	949.484	50.990	1850.254	1.89%	82.41%
29.0	834.604	46.677	1896.931	1.73%	84.48%
30.0	731.012	42.271	1939.202	1.56%	86.37%
31.0	626.330	37.773	1976.975	1.40%	88.05%
32.0	538.517	33.371	2010.346	1.23%	89.54%
33.0	455.247	29.277	2039.623	1.08%	90.84%
34.0	379.145	25.251	2064.874	0.93%	91.96%
35.0	319.643	21.702	2086.576	0.80%	92.93%
36.0	261.003	18.488	2105.064	0.68%	93.75%
37.0	225.955	15.882	2120.946	0.59%	94.46%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	170.337	13.228	2134.173	0.49%	95.05%
39.0	124.441	10.062	2144.235	0.37%	95.50%
40.0	96.504	7.706	2151.941	0.29%	95.84%
41.0	76.606	6.164	2158.105	0.23%	96.12%
42.0	62.414	5.051	2163.156	0.19%	96.34%
43.0	52.070	4.241	2167.397	0.16%	96.53%
44.0	44.916	3.661	2171.057	0.14%	96.69%
45.0	39.473	3.243	2174.301	0.12%	96.84%
46.0	35.604	2.936	2177.237	0.11%	96.97%
47.0	32.612	2.713	2179.95	0.10%	97.09%
48.0	30.029	2.532	2182.482	0.09%	97.20%
49.0	27.871	2.378	2184.86	0.09%	97.31%
50.0	26.064	2.249	2187.109	0.08%	97.41%
51.0	24.499	2.139	2189.248	0.08%	97.50%
52.0	23.124	2.044	2191.291	0.08%	97.59%
53.0	21.895	1.958	2193.25	0.07%	97.68%
54.0	20.885	1.886	2195.135	0.07%	97.77%
55.0	19.978	1.824	2196.959	0.07%	97.85%
56.0	19.203	1.770	2198.73	0.07%	97.93%
57.0	18.449	1.722	2200.451	0.06%	98.00%
58.0	17.879	1.680	2202.131	0.06%	98.08%
59.0	17.330	1.646	2203.777	0.06%	98.15%
60.0	16.913	1.618	2205.395	0.06%	98.22%
61.0	16.496	1.594	2206.989	0.06%	98.29%
62.0	16.160	1.574	2208.563	0.06%	98.36%
63.0	15.852	1.557	2210.12	0.06%	98.43%
64.0	15.582	1.542	2211.662	0.06%	98.50%
65.0	15.326	1.530	2213.192	0.06%	98.57%
66.0	15.128	1.519	2214.711	0.06%	98.64%
67.0	14.931	1.511	2216.223	0.06%	98.70%
68.0	14.814	1.507	2217.729	0.06%	98.77%
69.0	14.770	1.509	2219.239	0.06%	98.84%
70.0	14.616	1.509	2220.748	0.06%	98.91%
71.0	14.265	1.493	2222.24	0.06%	98.97%
72.0	13.811	1.460	2223.7	0.05%	99.04%
73.0	13.438	1.425	2225.125	0.05%	99.10%
74.0	13.233	1.402	2226.528	0.05%	99.16%
75.0	12.955	1.384	2227.911	0.05%	99.22%

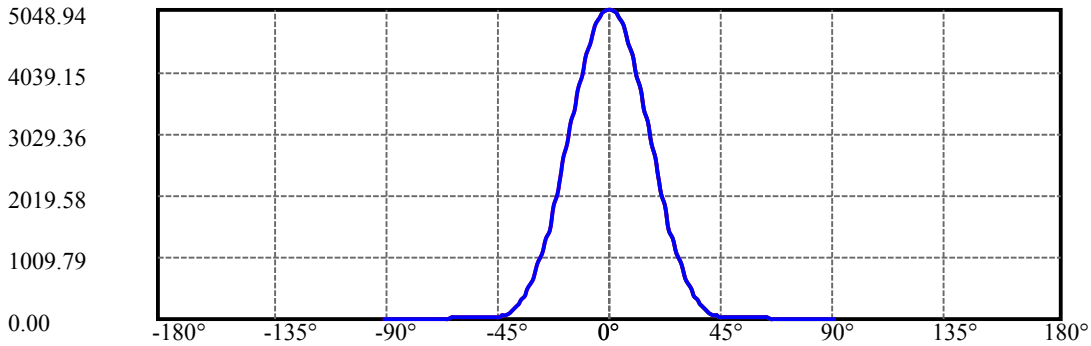
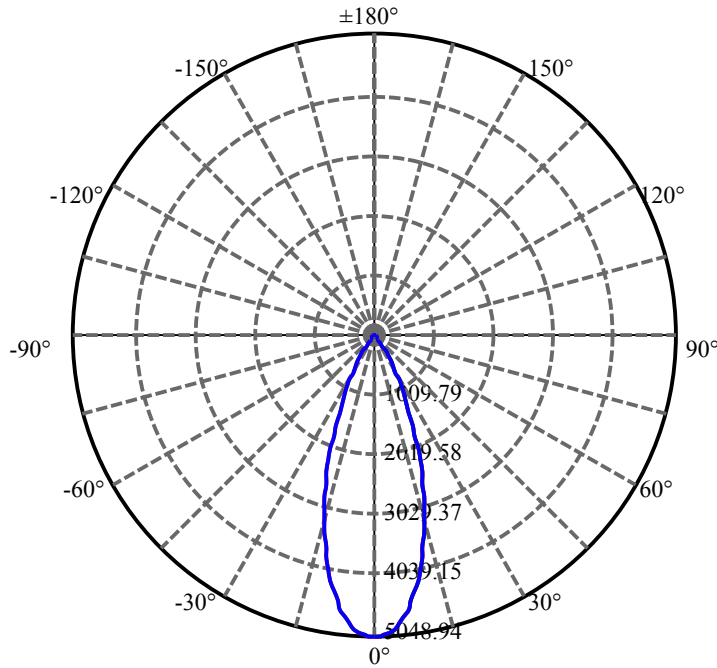
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	12.546	1.354	2229.265	0.05%	99.29%
77.0	12.253	1.322	2230.587	0.05%	99.34%
78.0	11.909	1.293	2231.881	0.05%	99.40%
79.0	11.617	1.264	2233.145	0.05%	99.46%
80.0	11.317	1.236	2234.381	0.05%	99.51%
81.0	11.002	1.207	2235.588	0.04%	99.57%
82.0	10.695	1.177	2236.765	0.04%	99.62%
83.0	10.439	1.149	2237.913	0.04%	99.67%
84.0	10.161	1.122	2239.036	0.04%	99.72%
85.0	9.934	1.097	2240.132	0.04%	99.77%
86.0	9.700	1.073	2241.206	0.04%	99.82%
87.0	9.495	1.051	2242.256	0.04%	99.86%
88.0	9.327	1.031	2243.287	0.04%	99.91%
89.0	9.217	1.016	2244.304	0.04%	99.96%
90.0	9.181	1.009	2245.312	0.04%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	1939.20	71.74%	86.37%
0-40	2151.94	79.61%	95.84%
0-60	2205.39	81.59%	98.22%
0-90	2244.30	83.03%	99.96%
0-120	2244.30	83.03%	99.96%
0-180	2245.31	83.07%	100.00%
60-90	38.91	1.44%	1.73%
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%
0-26.95	1796.25	66.45%	80.00%

ZONAL LUMEN SUMMARY

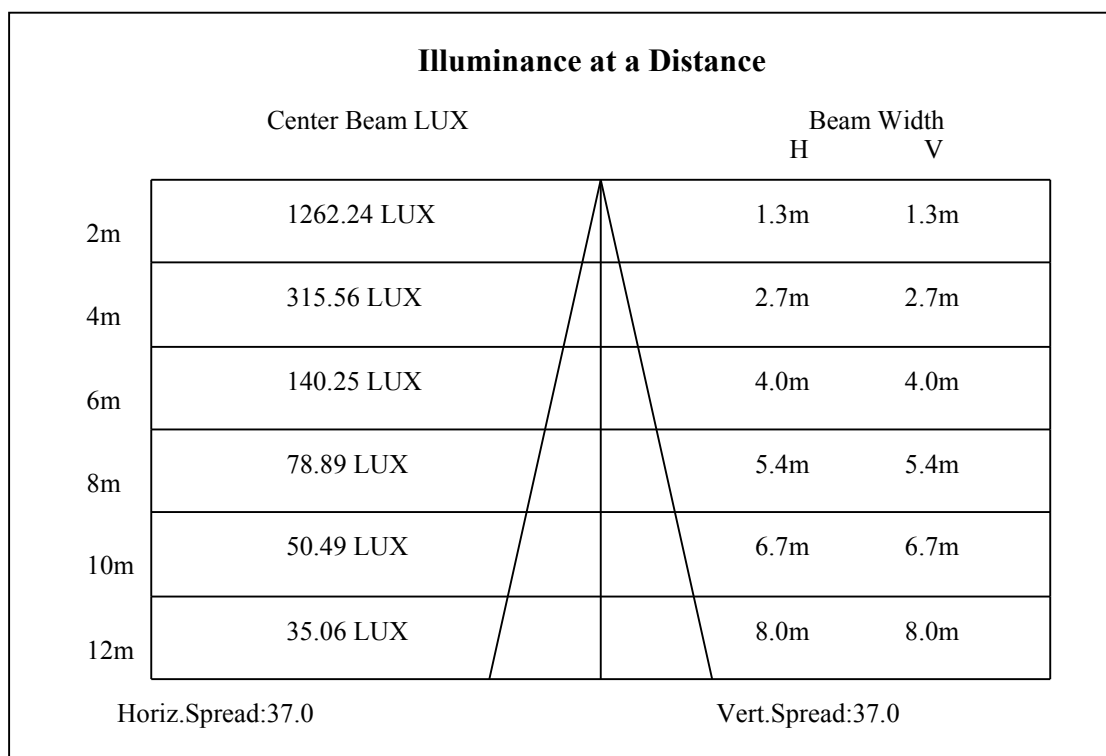
0-10	440.73
10-20	883.17
20-30	615.30
30-40	212.74
40-50	35.17
50-60	18.29
60-70	15.35
70-80	13.63
80-90	9.92
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

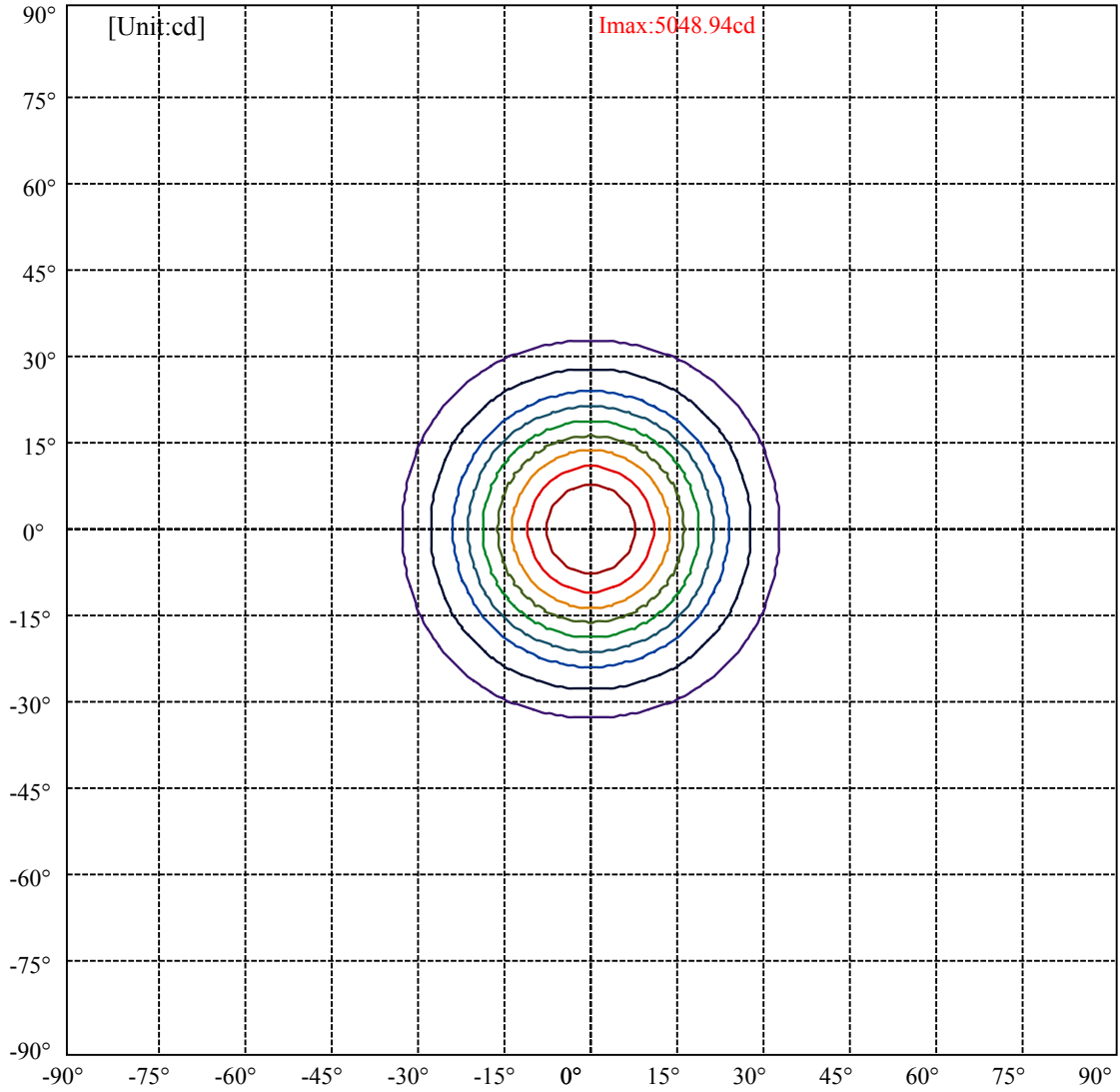


C0(Max): —————
C0/C180: —————
C90/C270: —————

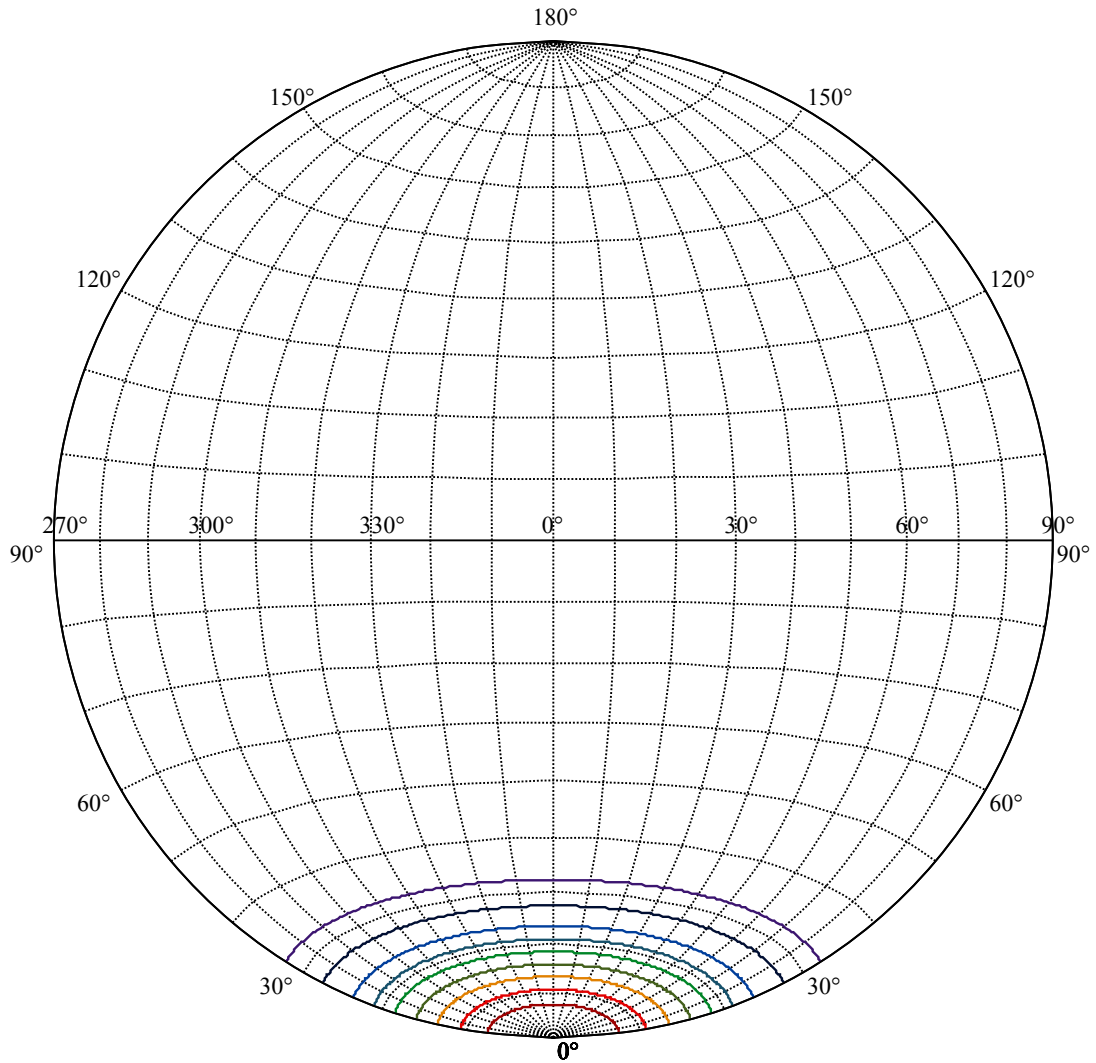
Field angle(10%Imax):C0/180Left:32.4 Right:32.4
:C90/270Left:32.4 Right:32.4

Beam Angle(50%Imax):C0/180Left:18.5 Right:18.5
:C90/270Left:18.5 Right:18.5





(10%Imax) 504.894	—
(20%Imax) 1009.79	—
(30%Imax) 1514.68	—
(40%Imax) 2019.58	—
(50%Imax) 2524.47	—
(60%Imax) 3029.36	—
(70%Imax) 3534.26	—
(80%Imax) 4039.15	—
(90%Imax) 4544.05	—



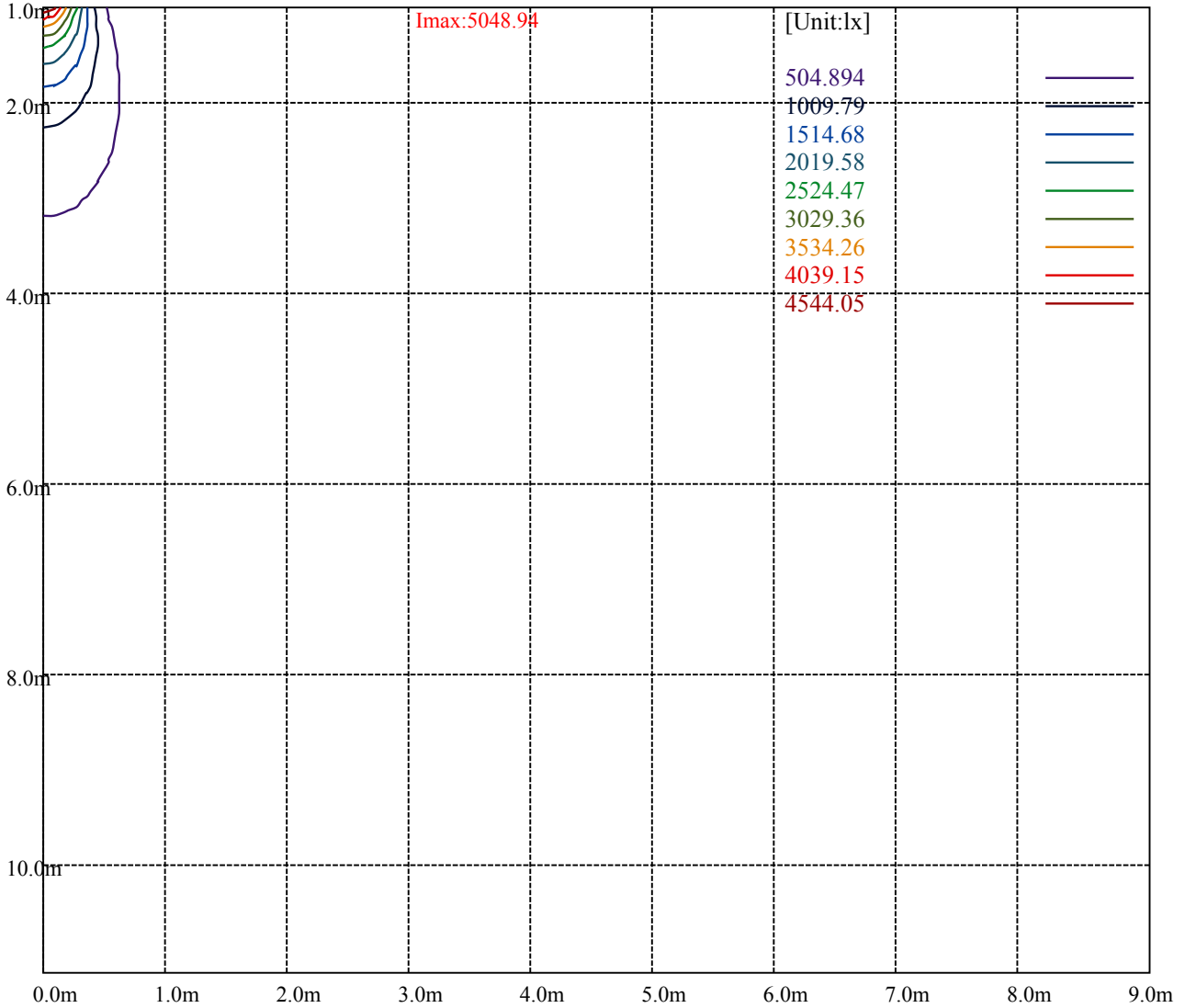
House

[Unit:cd]

Road

Imax:5048.94

(10%Imax) 504.894	—
(20%Imax) 1009.79	—
(30%Imax) 1514.68	—
(40%Imax) 2019.58	—
(50%Imax) 2524.47	—
(60%Imax) 3029.36	—
(70%Imax) 3534.26	—
(80%Imax) 4039.15	—
(90%Imax) 4544.05	—



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

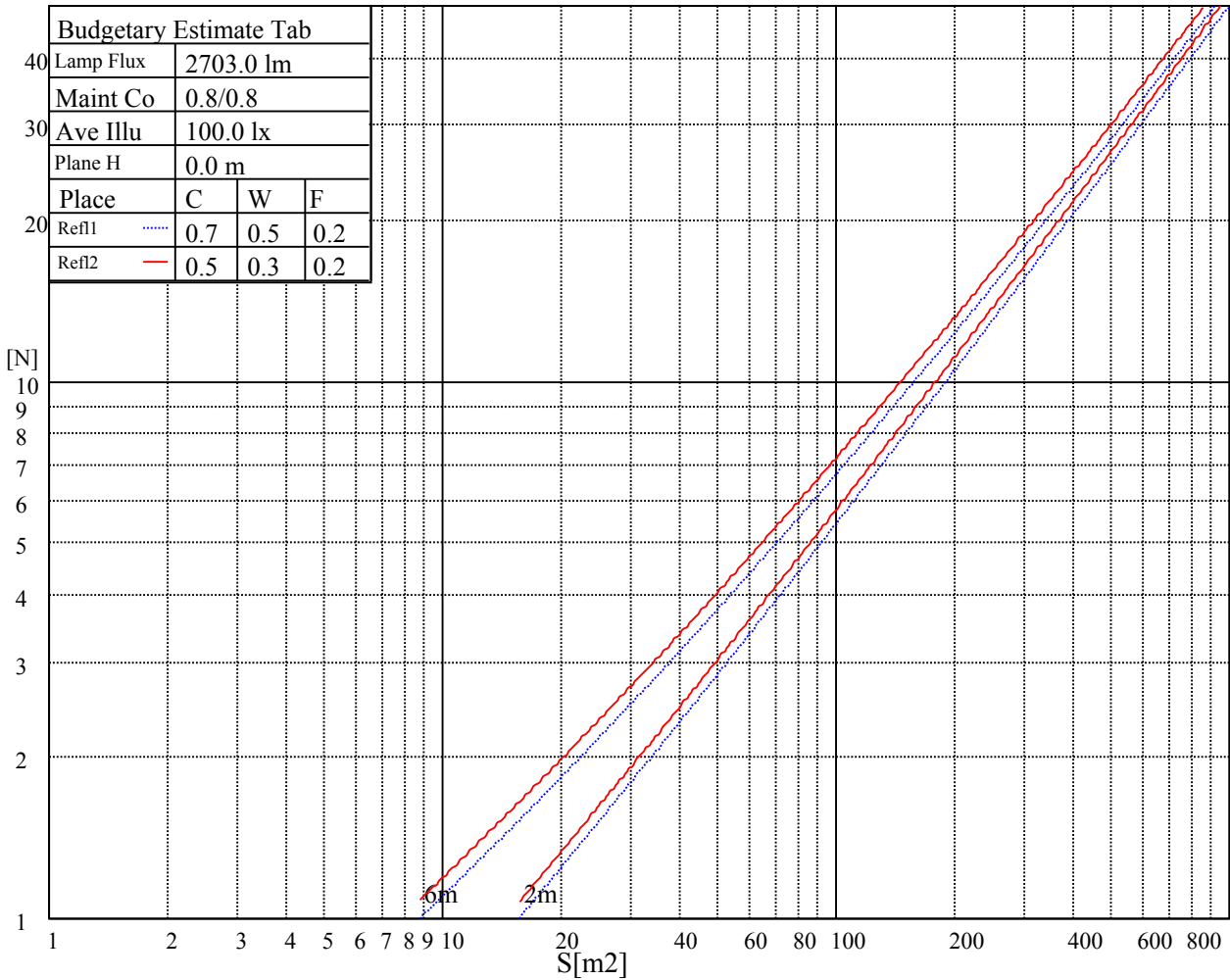
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

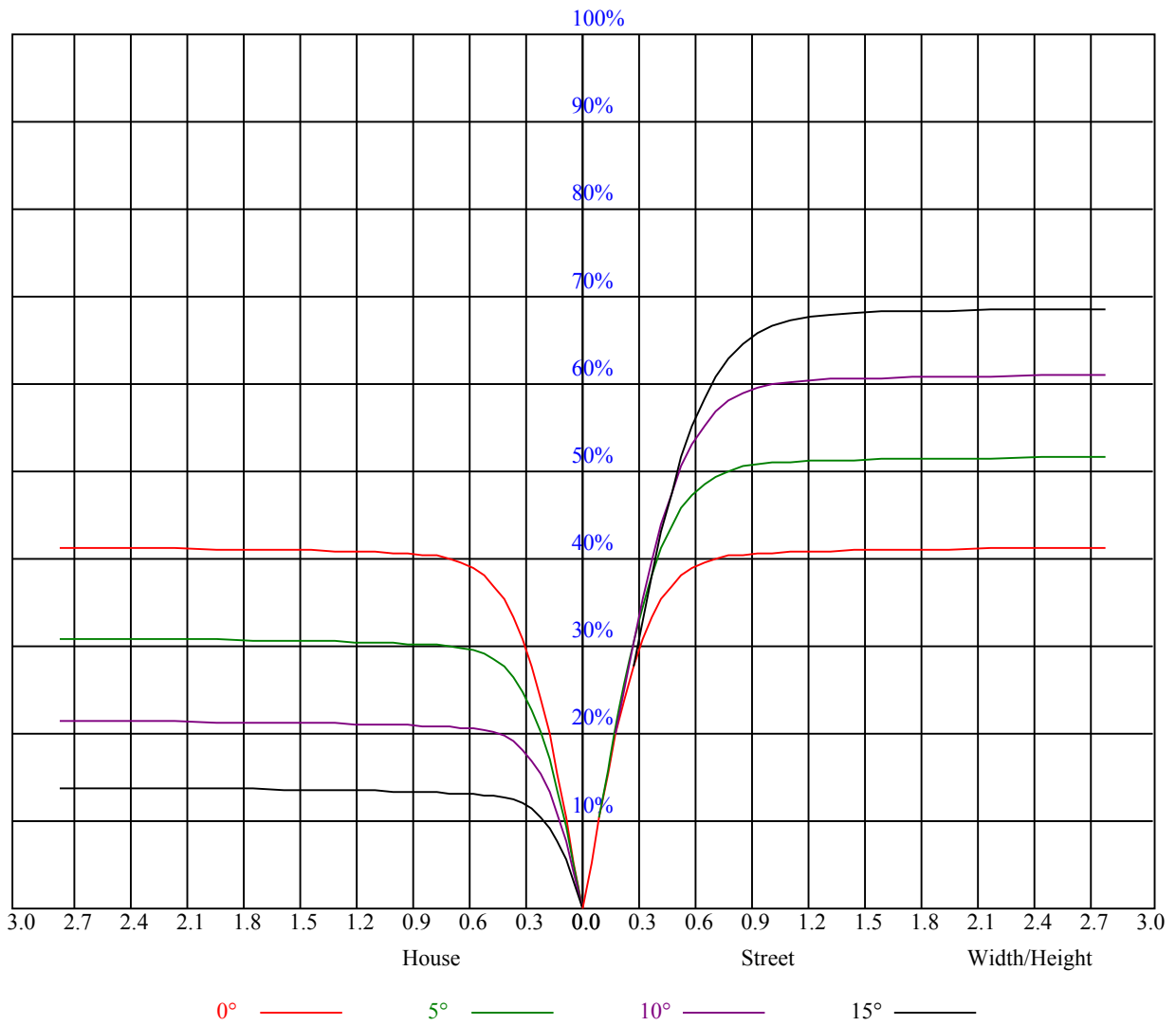


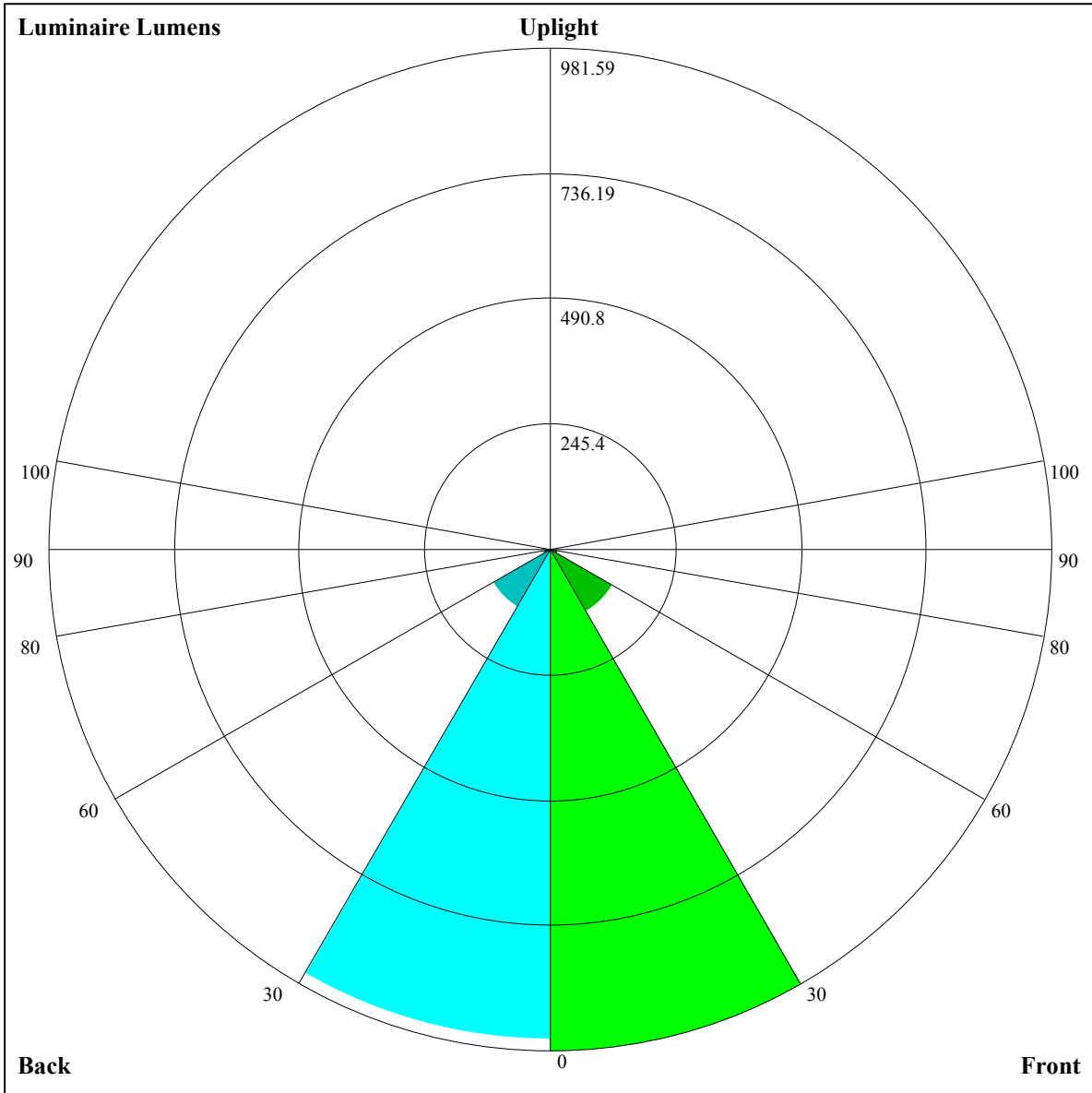
Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	3H	非数字	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 RHOFC=20 CU															
0	0.99	0.99	0.99	0.97	0.97	0.97	0.92	0.92	0.92	0.88	0.88	0.88	0.85	0.85	0.85	0.83
1	0.93	0.91	0.89	0.91	0.89	0.87	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.81	0.80	0.78
2	0.87	0.84	0.81	0.86	0.83	0.81	0.83	0.81	0.79	0.81	0.79	0.77	0.78	0.77	0.76	0.74
3	0.82	0.79	0.76	0.81	0.78	0.75	0.79	0.76	0.74	0.77	0.75	0.73	0.75	0.73	0.72	0.70
4	0.78	0.74	0.71	0.77	0.73	0.70	0.75	0.72	0.70	0.74	0.71	0.69	0.72	0.70	0.68	0.67
5	0.74	0.70	0.67	0.73	0.69	0.67	0.72	0.69	0.66	0.71	0.68	0.65	0.69	0.67	0.65	0.64
6	0.71	0.66	0.63	0.70	0.66	0.63	0.69	0.65	0.63	0.68	0.65	0.62	0.67	0.64	0.62	0.61
7	0.67	0.63	0.60	0.67	0.63	0.60	0.66	0.62	0.60	0.65	0.62	0.59	0.64	0.61	0.59	0.58
8	0.64	0.60	0.57	0.64	0.60	0.57	0.63	0.60	0.57	0.62	0.59	0.57	0.62	0.59	0.57	0.56
9	0.62	0.58	0.55	0.61	0.57	0.55	0.61	0.57	0.55	0.60	0.57	0.54	0.59	0.56	0.54	0.53
10	0.59	0.55	0.52	0.59	0.55	0.52	0.58	0.55	0.52	0.58	0.54	0.52	0.57	0.54	0.52	0.51





Luminaire Lumens:

FL=981.59,FM=139.64,FH=14.01,FVH=5.46

BL=958.14,BM=131.3,BH=14.85,BVH=5.5

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	5062.25	5037.09	5003.73	4970.96	4898.39	4790.13	4695.90	4553.69	4418.51
45.0	5055.23	5056.40	5033.58	5003.73	4956.33	4862.11	4774.91	4674.84	4529.11
90.0	5031.82	5010.75	4967.45	4893.71	4799.49	4704.10	4561.89	4432.55	4282.74
135.0	5046.45	5015.44	4988.52	4935.26	4831.09	4740.38	4633.28	4471.76	4334.23
180.0	5062.25	5058.16	5047.62	5017.19	4977.40	4916.53	4828.75	4707.61	4590.56
225.0	5055.23	5044.11	5016.02	4975.06	4920.63	4832.26	4707.61	4588.81	4461.23
270.0	5031.82	5048.79	5052.31	5031.24	5000.22	4962.77	4889.03	4801.24	4699.42
315.0	5046.45	5048.79	5035.92	5012.51	4977.98	4937.60	4862.69	4743.31	4639.14
360.0	5062.25	5037.09	5003.73	4970.96	4898.39	4790.13	4695.90	4553.69	4418.51
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	4220.12	4059.18	3892.39	3720.92	3542.43	3306.58	3115.21	2929.69	2741.25
45.0	4394.51	4243.52	4045.13	3879.52	3707.46	3530.72	3294.88	3108.19	2922.67
90.0	4089.03	3928.67	3760.71	3536.57	3353.40	3121.06	2935.55	2746.52	2559.83
135.0	4180.91	4019.97	3808.70	3637.23	3452.89	3260.93	3025.67	2838.40	2649.37
180.0	4458.89	4266.35	4100.73	3927.50	3754.86	3535.40	3348.72	3160.86	2974.76
225.0	4304.39	4097.22	3923.99	3710.97	3538.91	3355.74	3119.31	2931.45	2746.52
270.0	4551.94	4420.26	4268.69	4055.67	3884.78	3706.87	3531.31	3296.05	3108.77
315.0	4513.90	4375.79	4176.81	4012.36	3798.17	3624.36	3443.52	3204.75	3016.31
360.0	4220.12	4059.18	3892.39	3720.92	3542.43	3306.58	3115.21	2929.69	2741.25
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	2511.84	2327.50	2090.48	1908.48	1734.08	1536.86	1158.34	1158.34	1128.08
45.0	2734.81	2502.48	2321.06	2136.13	1915.50	1748.13	1548.56	1404.01	1268.24
90.0	2325.16	2140.23	1960.56	1783.24	1582.51	1331.45	1165.07	1165.07	1017.88
135.0	2414.70	2228.60	1999.77	1823.62	1660.93	1505.26	1326.18	1193.33	1066.34
180.0	2738.91	2551.64	2359.69	2110.38	1928.96	1755.73	1551.49	1414.55	1247.17
225.0	2555.74	2321.06	2133.20	1949.44	1771.53	1567.29	1320.33	1157.46	1157.46
270.0	2924.43	2736.57	2493.12	2295.90	2064.73	1881.56	1709.50	1514.62	1376.51
315.0	2830.79	2587.92	2404.75	2219.82	2033.13	1811.33	1647.47	1496.48	1161.09
360.0	2511.84	2327.50	2090.48	1908.48	1734.08	1536.86	1158.34	1158.34	1128.08
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	982.71	878.72	779.23	663.12	575.57	494.11	418.67	338.38	282.25
45.0	1140.66	997.28	890.19	791.87	674.24	588.21	503.94	428.44	344.76
90.0	909.03	809.02	689.63	601.32	498.61	423.94	355.70	295.60	228.53
135.0	948.12	817.03	719.30	627.42	523.83	447.17	378.70	304.38	304.38
180.0	1123.11	1007.82	896.04	774.90	676.58	582.94	505.11	411.47	343.00
225.0	1008.99	897.56	769.34	671.84	580.72	477.08	403.69	337.62	281.03
270.0	1242.49	1115.50	975.63	869.12	759.68	664.87	554.27	474.09	399.18
315.0	1161.09	1072.95	957.49	848.52	721.41	629.82	521.90	443.19	374.02
360.0	982.71	878.72	779.23	663.12	575.57	494.11	418.67	338.38	282.25
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	230.99	185.63	139.05	110.37	88.08	68.06	56.83	47.05	41.55
45.0	298.52	298.52	168.02	132.26	104.17	78.60	64.37	54.07	46.76
90.0	183.18	144.78	113.42	85.27	68.94	57.29	47.17	41.61	37.40
135.0	239.94	152.16	120.67	96.45	74.27	61.51	52.32	45.65	39.62
180.0	295.01	295.01	172.11	135.54	101.71	80.12	66.01	52.96	46.06
225.0	218.87	176.39	140.69	112.07	84.92	69.29	58.11	48.34	42.96
270.0	320.76	306.72	306.72	161.70	128.93	102.53	78.07	64.32	54.31
315.0	300.75	248.43	202.02	161.87	121.02	95.45	76.43	62.56	50.68
360.0	230.99	185.63	139.05	110.37	88.08	68.06	56.83	47.05	41.55

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	37.34	33.30	30.84	28.68	26.80	24.87	23.53	22.36	21.30
45.0	40.26	36.40	33.36	30.20	28.09	26.34	24.81	23.23	22.06
90.0	33.42	30.90	28.79	26.57	24.99	23.64	22.47	21.19	20.31
135.0	35.93	33.01	30.55	27.92	26.10	24.58	22.94	21.83	20.66
180.0	41.20	36.52	33.59	31.19	29.14	27.39	25.46	24.17	23.00
225.0	37.86	34.76	32.13	29.96	27.62	26.04	24.64	23.47	22.06
270.0	45.65	40.67	36.93	33.83	30.72	28.62	26.80	25.28	23.53
315.0	44.13	39.27	34.70	31.89	29.50	27.04	25.34	23.47	22.24
360.0	37.34	33.30	30.84	28.68	26.80	24.87	23.53	22.36	21.30
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	20.25	19.43	18.67	17.97	17.44	16.85	16.44	16.09	15.80
45.0	21.07	19.96	19.14	18.32	17.79	17.26	16.85	16.33	16.04
90.0	19.55	18.84	18.02	17.50	17.03	16.56	16.21	15.80	15.51
135.0	19.78	19.02	18.32	17.62	17.15	16.68	16.33	15.98	15.68
180.0	21.71	20.83	20.07	19.25	18.67	18.02	17.56	17.21	16.85
225.0	21.19	20.42	19.66	18.90	18.38	17.79	17.44	17.09	16.68
270.0	22.41	21.13	20.31	19.55	18.73	18.14	17.67	17.21	16.74
315.0	21.13	20.19	19.43	18.49	17.85	17.32	16.80	16.27	15.98
360.0	20.25	19.43	18.67	17.97	17.44	16.85	16.44	16.09	15.80
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	15.45	15.16	14.86	14.63	14.28	13.99	13.75	13.46	13.11
45.0	15.74	15.51	15.16	14.92	14.63	14.34	14.05	13.75	13.40
90.0	15.33	14.98	14.69	14.40	14.10	13.81	13.52	13.23	13.05
135.0	15.39	15.16	14.75	14.51	14.16	13.87	13.64	13.28	13.05
180.0	16.50	16.27	15.98	15.68	15.27	15.04	14.69	14.46	14.10
225.0	16.44	16.27	16.39	16.80	17.44	18.43	20.19	21.07	20.19
270.0	16.39	16.09	15.80	15.45	15.22	14.92	14.57	14.22	13.99
315.0	15.57	15.22	14.98	14.63	14.34	14.10	13.75	13.46	13.23
360.0	15.45	15.16	14.86	14.63	14.28	13.99	13.75	13.46	13.11
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	12.87	12.58	12.35	12.11	11.82	11.59	11.35	11.06	10.83
45.0	13.17	12.93	12.64	12.41	12.11	11.82	11.65	11.41	11.18
90.0	12.70	12.47	12.23	11.94	11.70	11.47	11.24	11.00	10.77
135.0	12.76	12.47	12.23	12.00	11.76	11.47	11.18	11.00	10.77
180.0	13.87	13.64	13.46	13.28	13.11	12.87	12.64	12.47	12.23
225.0	18.49	17.38	17.44	16.91	15.33	14.69	13.64	12.87	12.11
270.0	13.64	13.40	13.11	12.82	12.58	12.47	12.17	11.94	11.70
315.0	12.99	12.64	12.41	12.17	11.94	11.65	11.41	11.18	10.94
360.0	12.87	12.58	12.35	12.11	11.82	11.59	11.35	11.06	10.83
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	10.59	10.36	10.18	9.95	9.83	9.60	9.42	9.31	9.07
45.0	10.89	10.59	10.36	10.12	10.01	9.77	9.54	9.36	9.25
90.0	10.59	10.48	10.30	9.83	9.60	9.48	9.31	9.13	9.13
135.0	10.53	10.36	10.18	9.95	9.60	9.42	9.31	9.13	9.13
180.0	12.00	11.35	10.89	10.59	10.24	9.95	9.54	9.36	9.25
225.0	11.12	10.77	10.48	10.18	10.01	9.60	9.48	9.31	9.19
270.0	11.53	11.12	10.83	10.53	10.24	10.01	9.71	9.48	9.36
315.0	10.77	10.53	10.30	10.12	9.95	9.77	9.66	9.54	9.36
360.0	10.59	10.36	10.18	9.95	9.83	9.60	9.42	9.31	9.07

Intensity data(cd)

<i>C/γ(°)</i>	90.0
0.0	9.13
45.0	9.13
90.0	9.13
135.0	9.13
180.0	9.13
225.0	9.19
270.0	9.25
315.0	9.36
360.0	9.13