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NT

Client:

LumCAT: 2-2688-L

Luminaire: 92.70.411.00

Report No: 2024408-B011

Ballast type: AC

Test No: 2024408-C011

Voltage(V): 34.900

LampCAT: Fortimo_SLM_C_1205

Current(A): 0.401

Lamp flux(lm): 2378.0

Power (W): 13.994

Number of Lamps: 1

PF: 0.000

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 1979.02, Efficiency(%): 83.22% , Luminous Efficacy(lm/W): 141.42

Central intensity(cd): 4910.682, Maximum intensity(cd): 4913.681

Angle of maximum intensity: C=0.0 γ =1.0

Beam Angle(50%Imax): [C0/180]Total=34.6

[C90/270]Total=34.6

Field angle(10%Imax): [C0/180]Total=60.8

[C90/270]Total=60.8

Maximum s/h(1/2): C0_180=0.57 C90_270=0.57

Maximum s/h(1/4): C0_180=0.57 C90_270=0.57

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 83.22%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 97.840%

Equipment: GMS1980
Temperature(°C): 25.0

Date: 2024/4/08
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	4910.681	0.000	0	0.00%	0.00%
1.0	4913.681	4.701	4.701	0.20%	0.24%
2.0	4913.461	14.105	18.806	0.59%	0.95%
3.0	4898.977	23.468	42.274	0.99%	2.14%
4.0	4866.643	32.689	74.962	1.37%	3.79%
5.0	4812.437	41.639	116.601	1.75%	5.89%
6.0	4724.946	50.121	166.723	2.11%	8.42%
7.0	4611.924	57.954	224.677	2.44%	11.35%
8.0	4450.036	64.855	289.531	2.73%	14.63%
9.0	4281.053	70.761	360.292	2.98%	18.21%
10.0	4077.541	75.642	435.934	3.18%	22.03%
11.0	3881.124	79.523	515.458	3.34%	26.05%
12.0	3666.713	82.509	597.966	3.47%	30.22%
13.0	3444.547	84.393	682.359	3.55%	34.48%
14.0	3219.308	85.297	767.656	3.59%	38.79%
15.0	2979.000	85.093	852.749	3.58%	43.09%
16.0	2735.985	83.741	936.489	3.52%	47.32%
17.0	2523.329	81.902	1018.391	3.44%	51.46%
18.0	2315.282	79.778	1098.169	3.35%	55.49%
19.0	2101.309	76.840	1175.009	3.23%	59.37%
20.0	1907.892	73.380	1248.388	3.09%	63.08%
21.0	1714.621	69.560	1317.948	2.93%	66.60%
22.0	1497.825	64.555	1382.504	2.71%	69.86%
23.0	1304.584	58.802	1441.306	2.47%	72.83%
24.0	1216.471	55.119	1496.425	2.32%	75.61%
25.0	1097.743	52.620	1549.045	2.21%	78.27%
26.0	961.020	48.597	1597.642	2.04%	80.73%
27.0	840.025	44.063	1641.705	1.85%	82.96%
28.0	721.941	39.546	1681.251	1.66%	84.95%
29.0	618.063	35.058	1716.309	1.47%	86.73%
30.0	519.885	30.724	1747.034	1.29%	88.28%
31.0	441.713	26.760	1773.794	1.13%	89.63%
32.0	360.967	22.996	1796.789	0.97%	90.79%
33.0	299.994	19.472	1816.262	0.82%	91.78%
34.0	255.780	16.819	1833.081	0.71%	92.63%
35.0	217.484	14.698	1847.779	0.62%	93.37%
36.0	147.857	11.633	1859.411	0.49%	93.96%
37.0	117.784	8.664	1868.075	0.36%	94.39%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	92.831	7.030	1875.105	0.30%	94.75%
39.0	74.141	5.699	1880.804	0.24%	95.04%
40.0	61.566	4.733	1885.537	0.20%	95.28%
41.0	52.612	4.066	1889.603	0.17%	95.48%
42.0	46.569	3.603	1893.206	0.15%	95.66%
43.0	42.348	3.294	1896.5	0.14%	95.83%
44.0	39.071	3.073	1899.573	0.13%	95.99%
45.0	36.474	2.903	1902.477	0.12%	96.13%
46.0	34.228	2.765	1905.242	0.12%	96.27%
47.0	32.546	2.656	1907.897	0.11%	96.41%
48.0	31.010	2.569	1910.467	0.11%	96.54%
49.0	29.539	2.486	1912.953	0.10%	96.66%
50.0	28.266	2.410	1915.363	0.10%	96.78%
51.0	27.242	2.348	1917.712	0.10%	96.90%
52.0	26.116	2.290	1920.001	0.10%	97.02%
53.0	25.143	2.230	1922.231	0.09%	97.13%
54.0	24.162	2.173	1924.404	0.09%	97.24%
55.0	23.307	2.119	1926.523	0.09%	97.35%
56.0	22.370	2.064	1928.587	0.09%	97.45%
57.0	21.500	2.006	1930.593	0.08%	97.55%
58.0	20.622	1.948	1932.541	0.08%	97.65%
59.0	19.861	1.893	1934.433	0.08%	97.75%
60.0	19.130	1.842	1936.275	0.08%	97.84%
61.0	18.435	1.793	1938.068	0.08%	97.93%
62.0	17.725	1.742	1939.81	0.07%	98.02%
63.0	17.132	1.695	1941.506	0.07%	98.10%
64.0	16.628	1.657	1943.162	0.07%	98.19%
65.0	16.064	1.618	1944.78	0.07%	98.27%
66.0	15.582	1.579	1946.359	0.07%	98.35%
67.0	15.223	1.549	1947.908	0.07%	98.43%
68.0	14.996	1.531	1949.439	0.06%	98.51%
69.0	14.901	1.525	1950.964	0.06%	98.58%
70.0	15.062	1.539	1952.503	0.06%	98.66%
71.0	15.369	1.573	1954.076	0.07%	98.74%
72.0	15.669	1.614	1955.69	0.07%	98.82%
73.0	15.947	1.653	1957.343	0.07%	98.90%
74.0	16.086	1.684	1959.027	0.07%	98.99%
75.0	16.116	1.701	1960.729	0.07%	99.08%

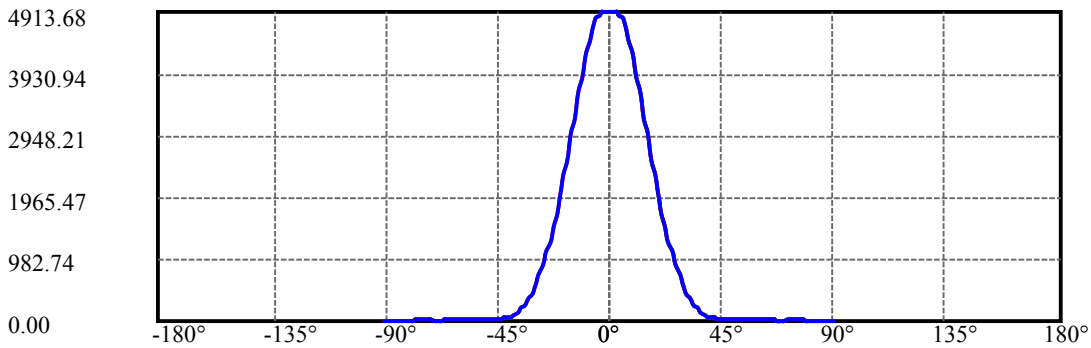
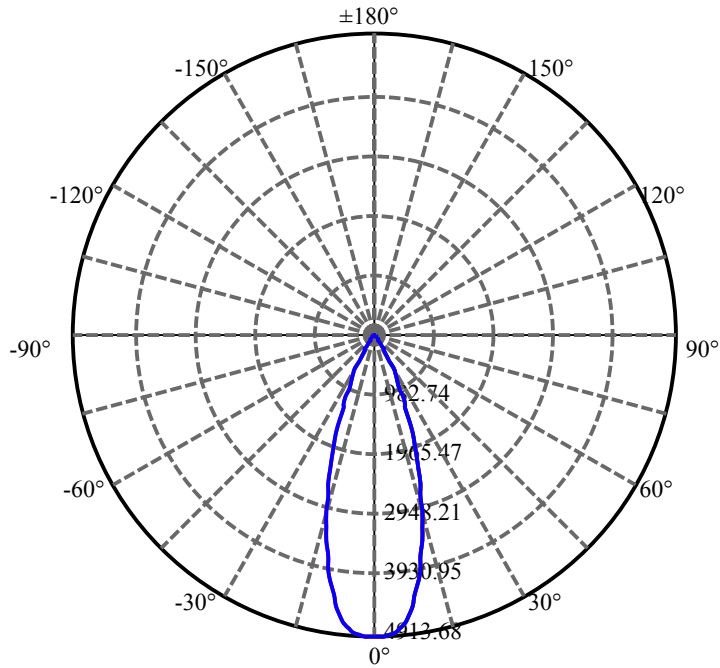
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	15.823	1.695	1962.424	0.07%	99.16%
77.0	15.318	1.660	1964.085	0.07%	99.25%
78.0	14.543	1.598	1965.683	0.07%	99.33%
79.0	13.621	1.513	1967.196	0.06%	99.40%
80.0	12.121	1.388	1968.584	0.06%	99.47%
81.0	10.651	1.232	1969.816	0.05%	99.53%
82.0	10.176	1.129	1970.945	0.05%	99.59%
83.0	9.942	1.094	1972.039	0.05%	99.65%
84.0	9.729	1.072	1973.11	0.05%	99.70%
85.0	9.503	1.050	1974.16	0.04%	99.75%
86.0	9.239	1.024	1975.184	0.04%	99.81%
87.0	8.888	0.992	1976.176	0.04%	99.86%
88.0	8.698	0.963	1977.14	0.04%	99.91%
89.0	8.552	0.945	1978.085	0.04%	99.95%
90.0	8.486	0.934	1979.019	0.04%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	1747.03	73.47%	88.28%
0-40	1885.54	79.29%	95.28%
0-60	1936.28	81.42%	97.84%
0-90	1978.09	83.18%	99.95%
0-120	1978.09	83.18%	99.95%
0-180	1979.02	83.22%	100.00%
60-90	41.81	1.76%	2.11%
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%
0-25.70	1583.22	66.58%	80.00%

ZONAL LUMEN SUMMARY

0-10	435.93
10-20	812.45
20-30	498.65
30-40	138.50
40-50	29.83
50-60	20.91
60-70	16.23
70-80	16.08
80-90	9.50
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: —————

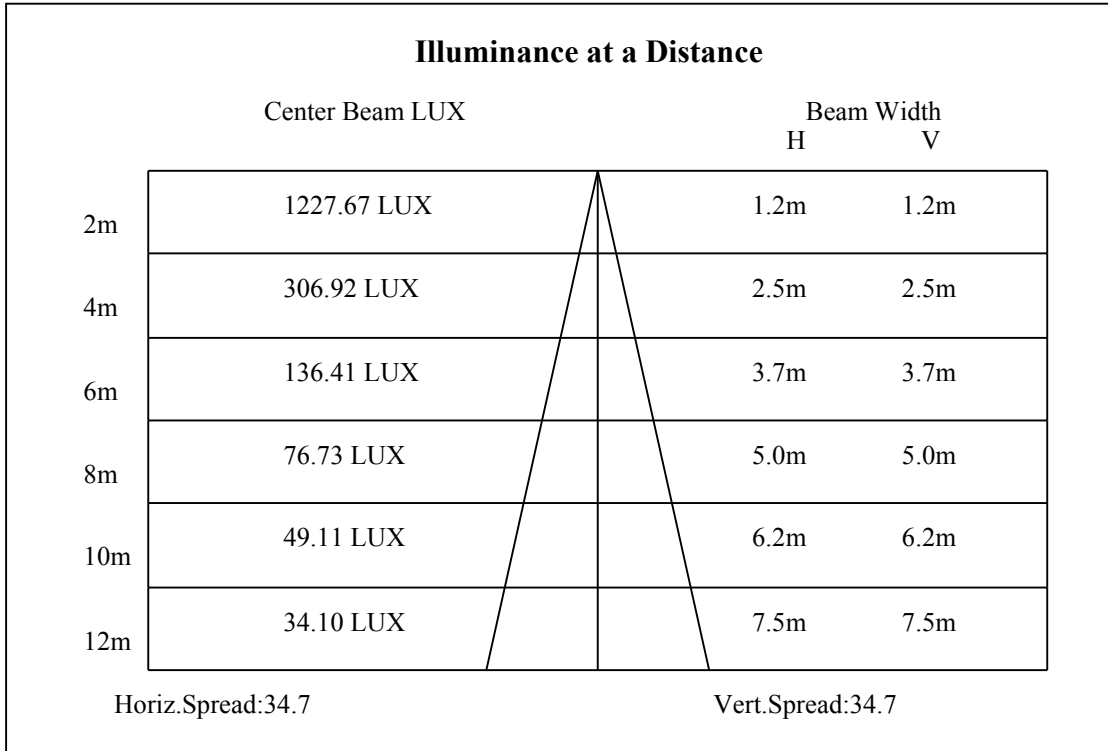
C90/C270: —————

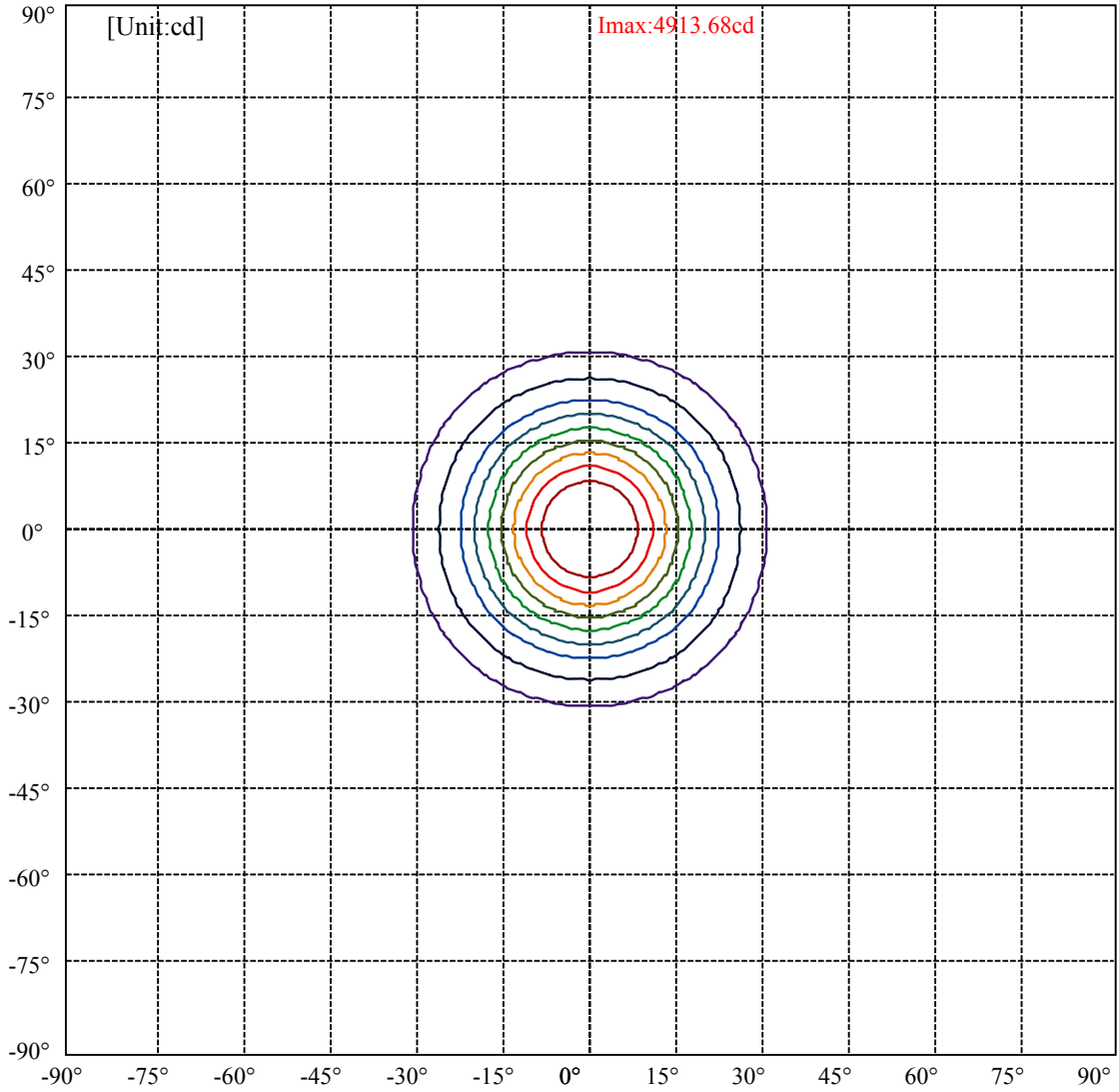
Field angle(10%Imax):C0/180Left:31.4 Right:29.4

:C90/270Left:31.4 Right:29.4

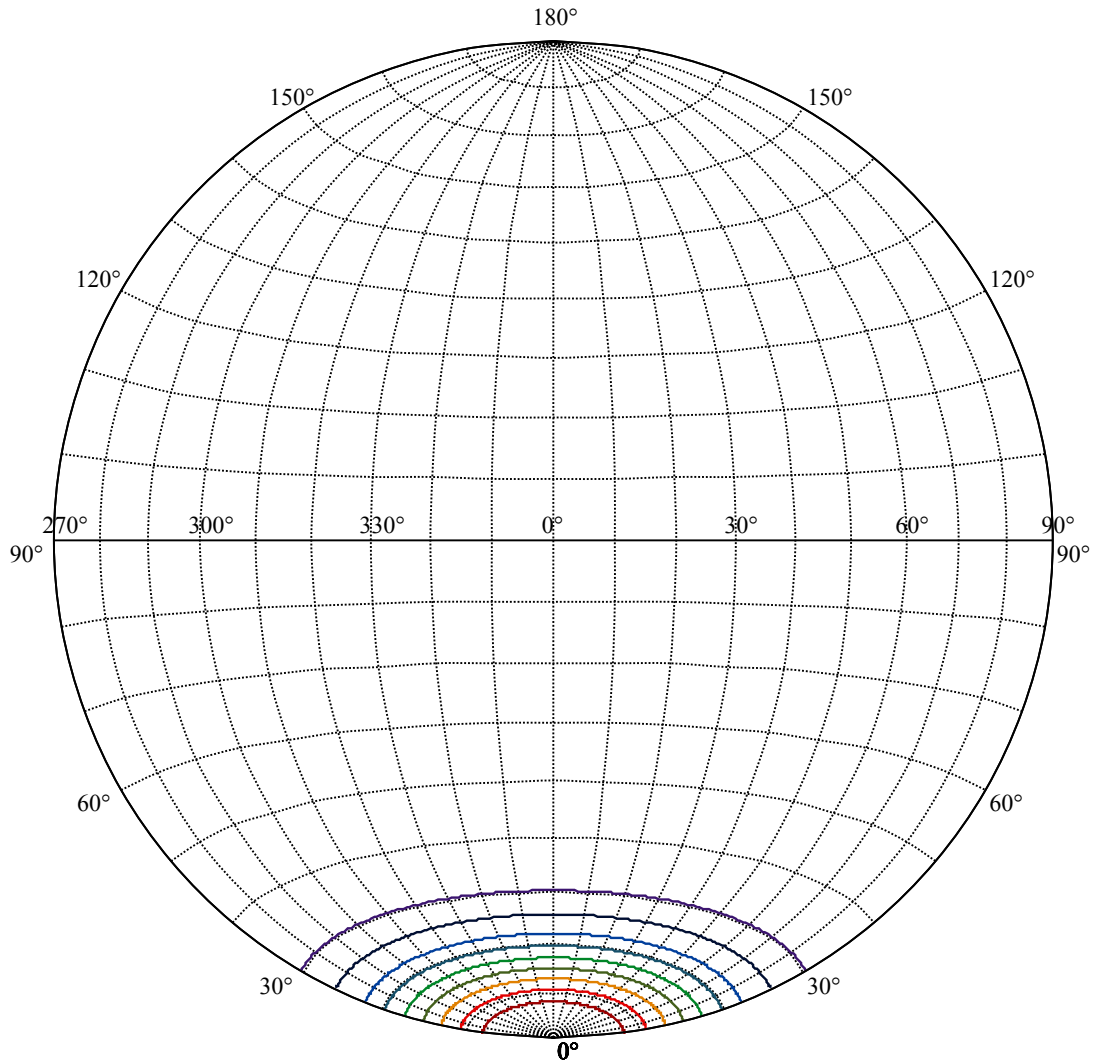
Beam Angle(50%Imax):C0/180Left:18.3 Right:16.3

:C90/270Left:18.3 Right:16.3





(10%I _{max}) 491.368	—
(20%I _{max}) 982.736	—
(30%I _{max}) 1474.1	—
(40%I _{max}) 1965.47	—
(50%I _{max}) 2456.84	—
(60%I _{max}) 2948.21	—
(70%I _{max}) 3439.58	—
(80%I _{max}) 3930.94	—
(90%I _{max}) 4422.31	—



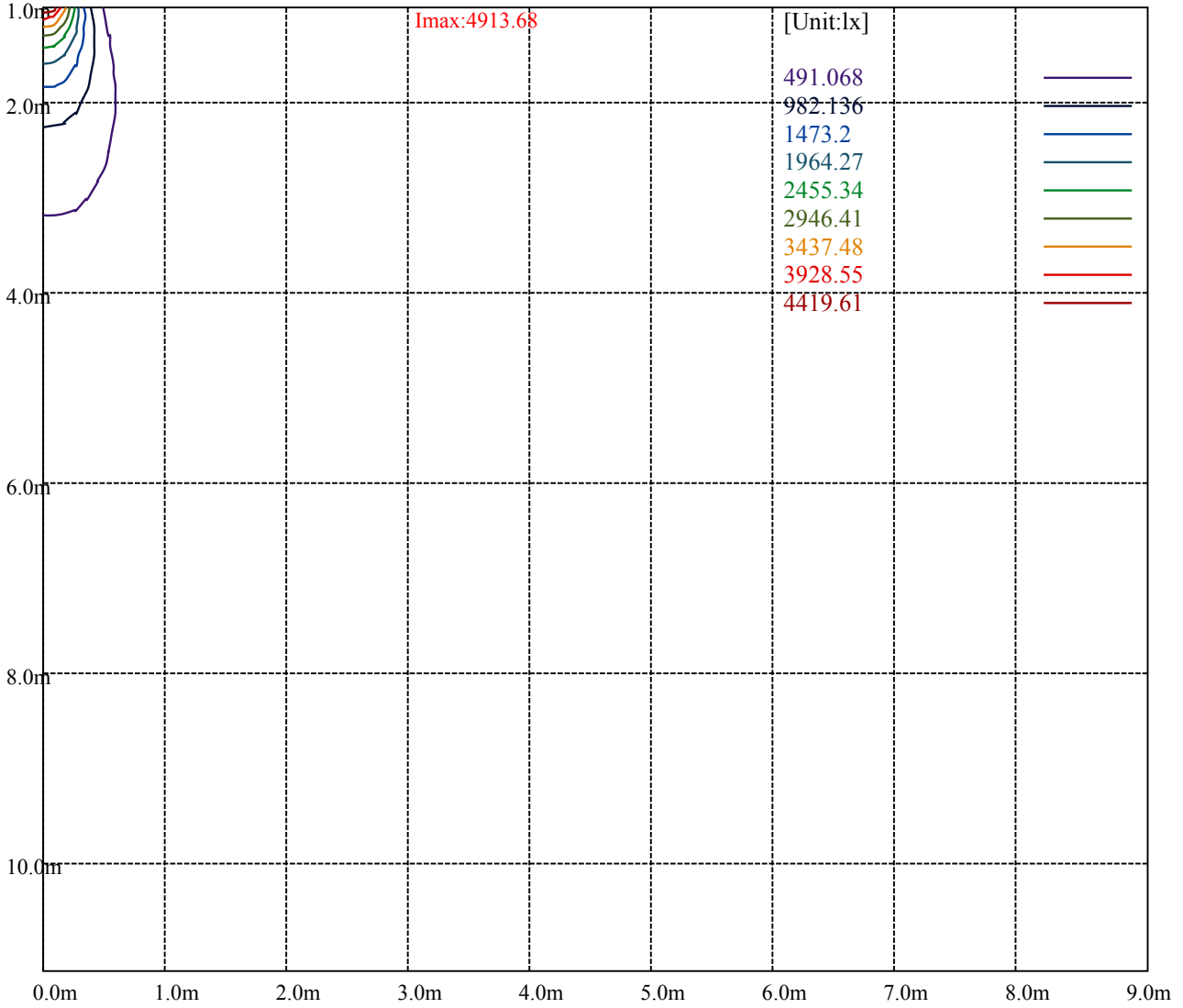
House

[Unit:cd]

Road

Imax:4913.68

(10%Imax) 491.368	—
(20%Imax) 982.736	—
(30%Imax) 1474.1	—
(40%Imax) 1965.47	—
(50%Imax) 2456.84	—
(60%Imax) 2948.21	—
(70%Imax) 3439.58	—
(80%Imax) 3930.94	—
(90%Imax) 4422.31	—



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

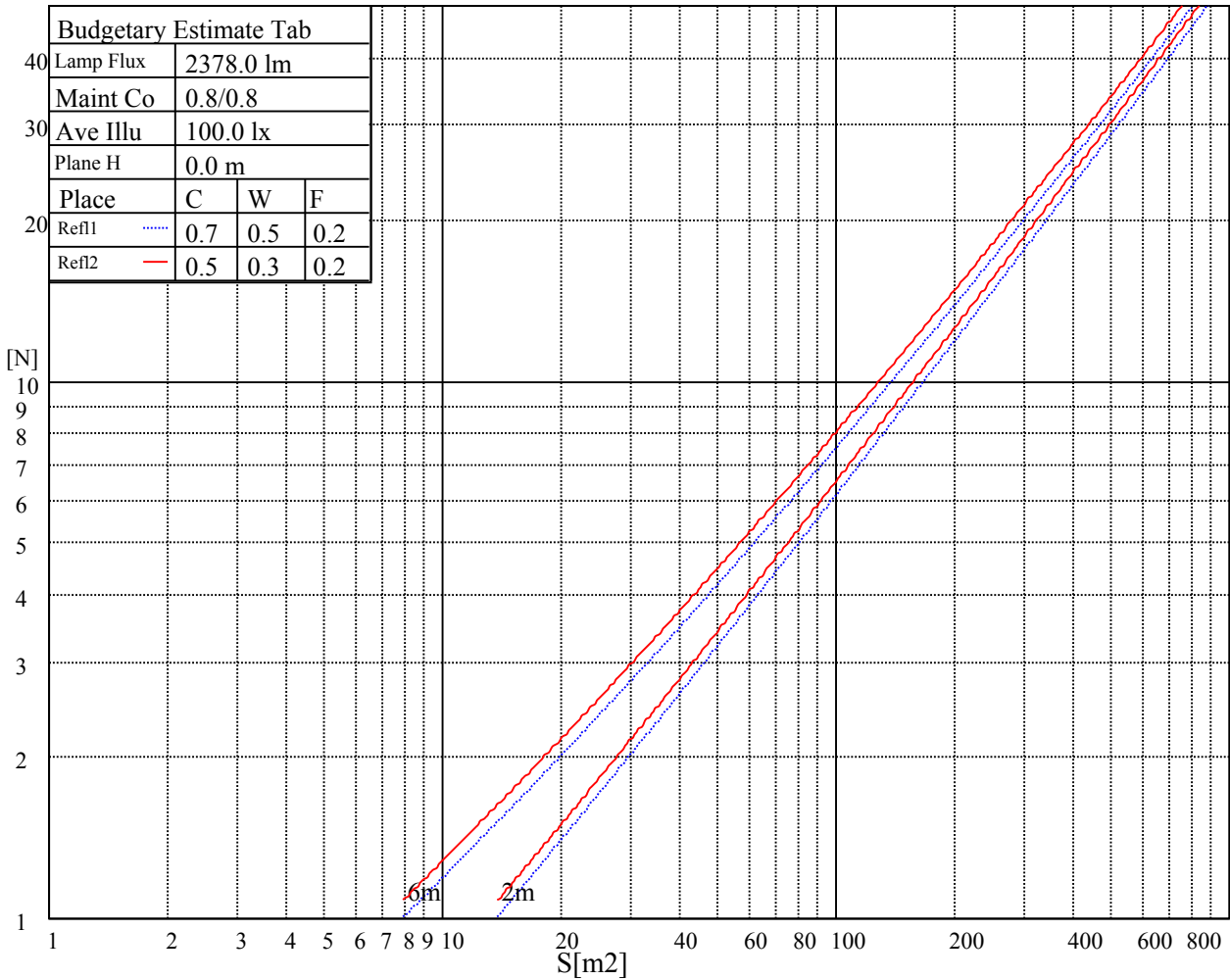
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

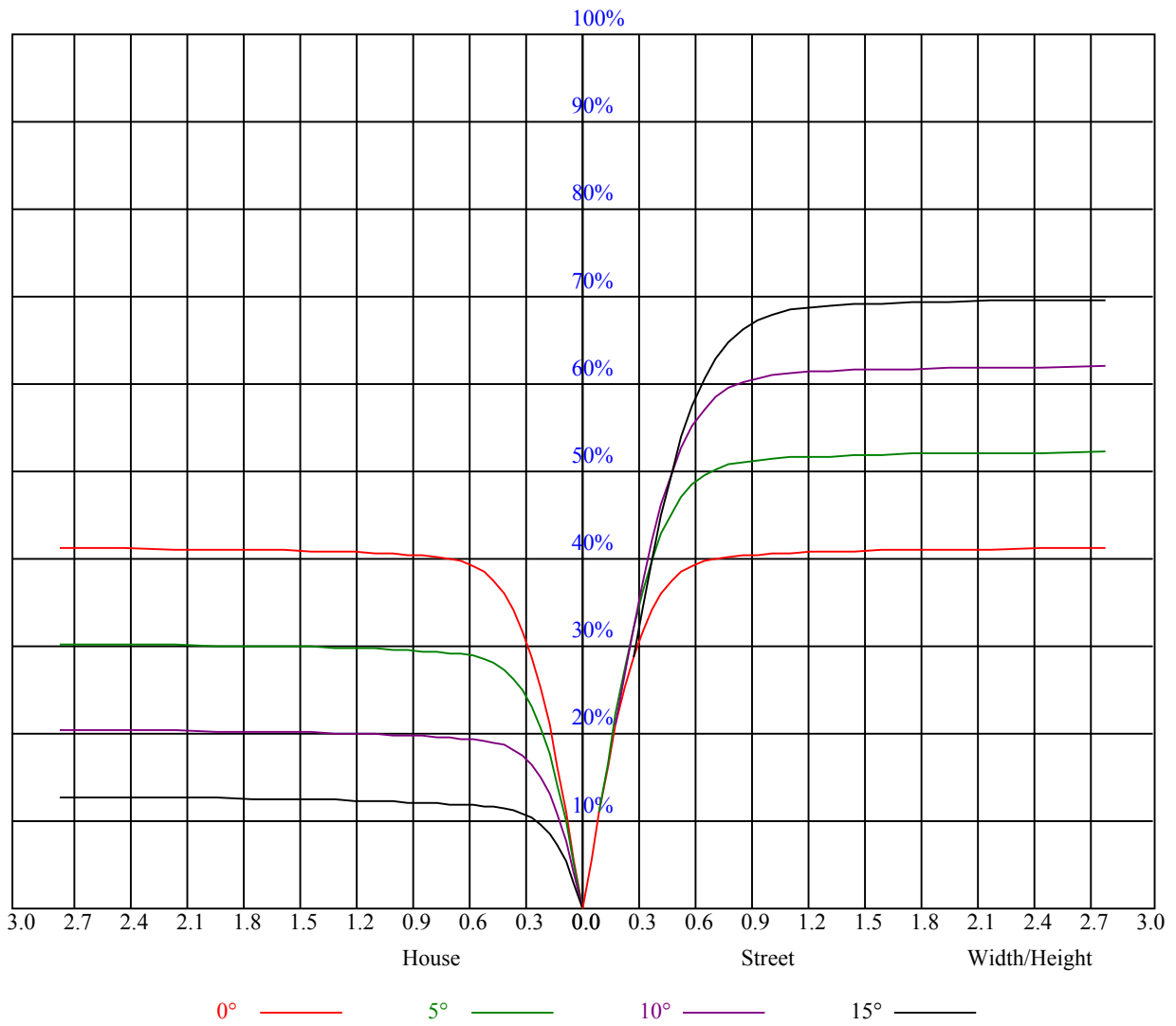


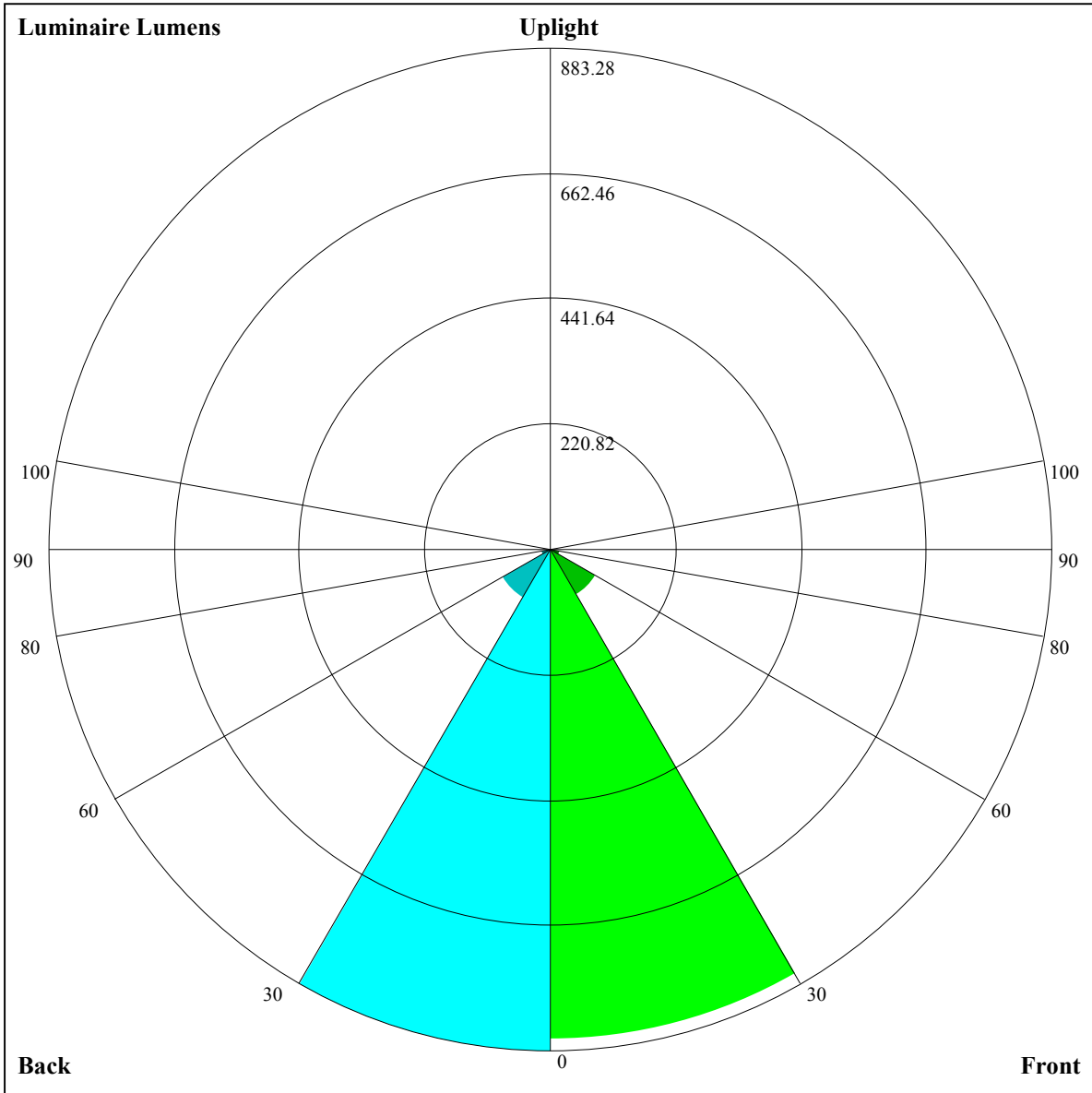
Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	3H	非数字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





Luminaire Lumens:

FL=862.77,FM=93.26,FH=16.15,FVH=5.28

BL=883.28,BM=98.73,BH=15.69,BVH=5.23

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	4921.80	4945.79	4927.65	4901.32	4874.98	4793.05	4696.49	4558.38	4362.33
45.0	4896.64	4925.31	4971.54	4966.86	4932.33	4908.93	4827.58	4735.11	4578.27
90.0	4928.24	4953.40	4959.84	4937.60	4895.47	4836.94	4746.23	4622.17	4433.14
135.0	4896.05	4903.66	4918.87	4943.45	4926.48	4879.66	4829.92	4766.72	4612.80
180.0	4921.80	4902.49	4877.32	4878.49	4860.94	4818.80	4767.30	4675.42	4563.64
225.0	4896.64	4872.64	4856.84	4827.58	4789.54	4725.17	4620.41	4489.32	4321.95
270.0	4928.24	4903.66	4905.41	4886.10	4845.72	4800.07	4719.90	4615.14	4473.52
315.0	4896.05	4902.49	4890.20	4850.40	4807.68	4736.87	4591.73	4433.14	4254.64
360.0	4921.80	4945.79	4927.65	4901.32	4874.98	4793.05	4696.49	4558.38	4362.33
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	4192.61	3969.64	3771.25	3564.66	3291.36	3065.47	2841.91	2627.72	2377.24
45.0	4433.72	4278.64	4069.71	3890.63	3686.39	3468.69	3186.02	2960.71	2744.76
90.0	4268.69	4087.86	3907.61	3662.98	3452.89	3239.86	3013.97	2746.52	2544.03
135.0	4460.64	4292.10	4080.83	3898.24	3712.14	3496.19	3222.31	2991.14	2768.17
180.0	4426.12	4203.14	4004.17	3805.19	3541.84	3323.55	3100.58	2829.62	2620.11
225.0	4086.68	3890.63	3706.29	3447.03	3234.01	3018.06	2803.29	2539.94	2336.86
270.0	4314.34	4070.88	3871.32	3684.64	3473.95	3202.41	2992.90	2720.18	2516.53
315.0	4065.62	3827.43	3637.82	3380.32	3163.78	2940.23	2671.03	2472.05	2278.92
360.0	4192.61	3969.64	3771.25	3564.66	3291.36	3065.47	2841.91	2627.72	2377.24
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	2192.31	2003.28	1818.35	1605.92	1450.83	1139.32	1139.32	1015.95	898.09
45.0	2539.94	2302.92	2111.55	1919.60	1692.53	1528.08	1377.68	1240.74	1078.04
90.0	2302.33	2117.99	1923.69	1703.06	1538.62	1149.91	1149.91	1087.93	965.62
135.0	2562.76	2322.82	2136.71	1898.53	1720.03	1551.49	1367.14	1232.54	1103.79
180.0	2414.70	2212.79	1971.10	1793.19	1624.64	1425.67	1291.65	1165.24	1014.25
225.0	2148.42	1917.84	1732.91	1563.78	1304.53	1140.02	1108.01	986.86	840.68
270.0	2267.81	2072.34	1887.99	1713.60	1510.52	1361.29	1220.25	1097.36	946.95
315.0	2093.99	1860.49	1680.82	1519.30	1140.90	1140.90	1077.81	955.32	840.73
360.0	2192.31	2003.28	1818.35	1605.92	1450.83	1139.32	1139.32	1015.95	898.09
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	785.96	657.56	564.45	462.85	387.77	319.88	260.72	199.44	159.01
45.0	948.71	802.40	695.31	601.08	501.60	427.27	357.05	307.89	307.89
90.0	848.58	739.84	618.88	532.20	454.08	363.37	297.94	241.87	184.64
135.0	982.65	832.83	723.40	625.08	539.64	445.41	374.02	307.89	307.89
180.0	890.77	784.26	680.68	559.53	479.94	403.86	334.22	302.03	302.03
225.0	728.43	626.02	536.01	438.51	371.09	292.96	239.77	194.47	148.30
270.0	829.32	724.57	605.18	513.89	442.49	354.70	307.30	307.30	180.31
315.0	705.78	608.05	520.62	425.93	357.10	280.26	228.94	185.34	149.82
360.0	785.96	657.56	564.45	462.85	387.77	319.88	260.72	199.44	159.01
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	126.88	101.95	78.77	65.60	56.53	48.69	44.24	40.97	37.75
45.0	179.02	143.85	115.17	87.61	71.92	60.80	51.21	46.06	41.43
90.0	148.12	118.98	90.59	73.86	62.15	51.85	46.12	41.84	38.80
135.0	187.04	149.35	113.18	90.53	74.21	60.22	52.61	47.17	43.13
180.0	162.93	123.25	98.49	79.71	63.20	54.19	46.82	42.84	39.74
225.0	119.03	95.68	77.48	61.04	52.38	46.70	42.55	38.74	36.40
270.0	145.02	116.46	93.58	72.10	59.99	51.85	46.23	41.43	38.57
315.0	114.82	92.76	75.38	62.68	52.14	46.58	42.78	39.74	36.75
360.0	126.88	101.95	78.77	65.60	56.53	48.69	44.24	40.97	37.75

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	35.64	33.42	31.89	30.55	29.38	27.97	27.04	26.10	25.16
45.0	38.57	36.28	34.29	32.19	30.78	29.38	28.15	27.10	25.87
90.0	35.76	33.77	32.07	30.67	29.03	27.86	26.74	25.69	24.70
135.0	39.33	37.04	35.00	33.18	31.37	30.02	28.85	27.51	26.57
180.0	37.16	34.59	32.89	31.37	30.02	28.44	27.45	26.51	25.57
225.0	34.41	32.25	30.72	29.44	27.97	26.92	26.04	24.81	23.94
270.0	36.17	33.71	32.07	30.61	29.09	27.92	26.98	25.75	24.81
315.0	34.76	32.77	31.43	30.08	28.68	27.62	26.69	25.46	24.52
360.0	35.64	33.42	31.89	30.55	29.38	27.97	27.04	26.10	25.16
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	24.05	23.23	22.36	21.54	20.48	19.78	18.96	18.26	17.67
45.0	24.93	24.05	23.00	22.18	21.19	20.37	19.61	18.79	18.08
90.0	23.58	22.82	22.00	21.13	20.19	19.49	18.79	18.14	17.38
135.0	25.63	24.46	23.64	22.65	21.71	20.95	20.25	19.37	18.67
180.0	24.40	23.58	22.77	21.77	20.89	20.01	19.37	18.73	18.02
225.0	23.12	22.30	21.36	20.48	19.84	19.14	18.38	17.73	16.97
270.0	23.94	23.12	22.06	21.24	20.42	19.55	18.90	18.26	17.44
315.0	23.64	22.88	21.77	21.01	20.25	19.61	18.79	18.20	17.56
360.0	24.05	23.23	22.36	21.54	20.48	19.78	18.96	18.26	17.67
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	17.03	16.56	16.04	15.63	15.63	16.56	18.02	19.84	21.36
45.0	17.50	16.91	16.33	15.80	15.33	14.92	14.40	14.05	13.64
90.0	16.85	16.33	15.74	15.27	14.92	14.46	14.16	13.81	13.52
135.0	18.02	17.56	16.91	16.44	15.98	15.63	15.16	14.98	15.33
180.0	17.26	16.74	16.27	15.74	15.22	14.81	14.81	15.74	16.62
225.0	16.44	15.92	15.27	14.81	14.46	13.99	13.58	13.23	12.93
270.0	16.91	16.44	15.98	15.39	15.04	14.75	14.51	14.10	13.87
315.0	17.03	16.56	15.98	15.57	15.22	14.86	14.57	14.75	15.68
360.0	17.03	16.56	16.04	15.63	15.63	16.56	18.02	19.84	21.36
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	21.59	21.30	21.24	21.19	20.48	20.19	19.31	17.91	14.22
45.0	13.28	12.93	12.52	12.23	12.00	11.70	11.47	11.24	10.89
90.0	13.58	13.75	14.05	14.51	14.69	14.28	13.87	13.17	12.00
135.0	16.44	18.20	19.96	20.42	19.96	18.73	16.91	15.27	13.17
180.0	17.32	17.44	17.03	16.74	16.44	15.74	15.39	14.46	12.76
225.0	12.58	12.29	11.94	11.70	11.41	11.12	10.83	10.53	10.30
270.0	13.69	13.69	13.69	13.69	13.40	13.17	12.76	12.29	11.41
315.0	16.85	17.97	18.26	18.43	18.20	17.62	15.80	14.10	12.23
360.0	21.59	21.30	21.24	21.19	20.48	20.19	19.31	17.91	14.22
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	11.12	10.12	9.89	9.66	9.54	9.36	8.90	8.66	8.49
45.0	10.65	10.48	10.24	10.07	9.95	9.95	9.07	8.78	8.60
90.0	10.53	10.24	10.01	9.83	9.31	9.07	8.95	8.72	8.60
135.0	11.35	10.65	10.36	10.12	9.77	9.31	9.07	8.90	8.72
180.0	10.65	10.01	9.77	9.54	9.31	9.07	8.84	8.78	8.60
225.0	10.07	9.83	9.60	9.36	9.01	8.84	8.66	8.54	8.43
270.0	10.24	10.01	9.77	9.60	9.42	9.13	8.78	8.66	8.49
315.0	10.59	10.07	9.89	9.66	9.71	9.19	8.84	8.54	8.49
360.0	11.12	10.12	9.89	9.66	9.54	9.36	8.90	8.66	8.49

Intensity data(cd)

C/γ(°)	90.0
0.0	8.49
45.0	8.43
90.0	8.49
135.0	8.54
180.0	8.49
225.0	8.49
270.0	8.49
315.0	8.49
360.0	8.49