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NT

Client:

LumCAT: 2-2685-L

Luminaire: 92.70.411.00

Report No: 2024408-B005

Ballast type: AC

Test No: 2024408-C005

Voltage(V): 34.850

LampCAT: Fortimo_SLM_C_1205

Current(A): 0.401

Lamp flux(lm): 2378.0

Power (W): 13.974

Number of Lamps: 1

PF: 0.000

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 2034.48, Efficiency(%): 85.55% , Luminous Efficacy(lm/W): 145.59

Central intensity(cd): 3467.663, Maximum intensity(cd): 3467.663

Angle of maximum intensity: C=0.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=45.8

[C90/270]Total=45.8

Field angle(10%Imax): [C0/180]Total=69.2

[C90/270]Total=69.2

Maximum s/h(1/2): C0_180=0.73 C90_270=0.73

Maximum s/h(1/4): C0_180=0.71 C90_270=0.71

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 85.55%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 97.941%

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	3467.663	0.000	0	0.00%	0.00%
1.0	3462.835	3.316	3.316	0.14%	0.16%
2.0	3453.325	9.927	13.243	0.42%	0.65%
3.0	3439.938	16.486	29.729	0.69%	1.46%
4.0	3419.675	22.961	52.691	0.97%	2.59%
5.0	3396.339	29.322	82.013	1.23%	4.03%
6.0	3365.907	35.537	117.55	1.49%	5.78%
7.0	3328.306	41.551	159.101	1.75%	7.82%
8.0	3273.002	47.244	206.345	1.99%	10.14%
9.0	3209.652	52.538	258.884	2.21%	12.72%
10.0	3136.938	57.434	316.318	2.42%	15.55%
11.0	3055.957	61.880	378.198	2.60%	18.59%
12.0	2970.807	65.881	444.079	2.77%	21.83%
13.0	2878.853	69.421	513.5	2.92%	25.24%
14.0	2780.609	72.441	585.94	3.05%	28.80%
15.0	2679.438	74.958	660.898	3.15%	32.48%
16.0	2569.269	76.908	737.806	3.23%	36.27%
17.0	2435.180	77.933	815.739	3.28%	40.10%
18.0	2317.330	78.359	894.098	3.30%	43.95%
19.0	2201.236	78.614	972.712	3.31%	47.81%
20.0	2081.119	78.379	1051.091	3.30%	51.66%
21.0	1961.147	77.620	1128.71	3.26%	55.48%
22.0	1841.688	76.420	1205.13	3.21%	59.24%
23.0	1717.474	74.681	1279.811	3.14%	62.91%
24.0	1579.434	72.082	1351.893	3.03%	66.45%
25.0	1423.048	68.270	1420.163	2.87%	69.80%
26.0	1277.700	63.751	1483.914	2.68%	72.94%
27.0	1184.942	60.249	1544.163	2.53%	75.90%
28.0	1066.053	56.990	1601.154	2.40%	78.70%
29.0	937.070	52.407	1653.561	2.20%	81.28%
30.0	799.417	46.885	1700.446	1.97%	83.58%
31.0	672.584	40.964	1741.41	1.72%	85.59%
32.0	567.932	35.539	1776.949	1.49%	87.34%
33.0	469.658	30.568	1807.517	1.29%	88.84%
34.0	381.932	25.772	1833.288	1.08%	90.11%
35.0	318.209	21.744	1855.032	0.91%	91.18%
36.0	273.161	18.829	1873.861	0.79%	92.11%
37.0	232.876	16.504	1890.366	0.69%	92.92%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	193.731	14.240	1904.605	0.60%	93.62%
39.0	140.615	11.412	1916.017	0.48%	94.18%
40.0	117.491	9.002	1925.019	0.38%	94.62%
41.0	95.801	7.595	1932.614	0.32%	94.99%
42.0	80.922	6.421	1939.035	0.27%	95.31%
43.0	67.828	5.510	1944.545	0.23%	95.58%
44.0	58.215	4.757	1949.302	0.20%	95.81%
45.0	50.717	4.186	1953.489	0.18%	96.02%
46.0	45.143	3.749	1957.238	0.16%	96.20%
47.0	40.849	3.420	1960.658	0.14%	96.37%
48.0	37.432	3.165	1963.822	0.13%	96.53%
49.0	34.865	2.969	1966.791	0.12%	96.67%
50.0	32.553	2.811	1969.602	0.12%	96.81%
51.0	30.666	2.675	1972.277	0.11%	96.94%
52.0	29.122	2.566	1974.842	0.11%	97.07%
53.0	27.718	2.473	1977.315	0.10%	97.19%
54.0	26.445	2.387	1979.702	0.10%	97.31%
55.0	25.391	2.314	1982.016	0.10%	97.42%
56.0	24.360	2.248	1984.264	0.09%	97.53%
57.0	23.365	2.182	1986.446	0.09%	97.64%
58.0	22.378	2.115	1988.562	0.09%	97.74%
59.0	21.353	2.044	1990.606	0.09%	97.84%
60.0	20.380	1.972	1992.578	0.08%	97.94%
61.0	19.437	1.900	1994.478	0.08%	98.03%
62.0	18.515	1.829	1996.307	0.08%	98.12%
63.0	17.630	1.758	1998.064	0.07%	98.21%
64.0	16.833	1.691	1999.756	0.07%	98.29%
65.0	16.123	1.631	2001.386	0.07%	98.37%
66.0	15.465	1.576	2002.962	0.07%	98.45%
67.0	14.967	1.530	2004.493	0.06%	98.53%
68.0	14.638	1.500	2005.992	0.06%	98.60%
69.0	14.389	1.481	2007.473	0.06%	98.67%
70.0	14.243	1.470	2008.944	0.06%	98.74%
71.0	14.104	1.465	2010.409	0.06%	98.82%
72.0	14.002	1.461	2011.87	0.06%	98.89%
73.0	13.884	1.458	2013.328	0.06%	98.96%
74.0	13.797	1.455	2014.784	0.06%	99.03%
75.0	13.716	1.454	2016.237	0.06%	99.10%

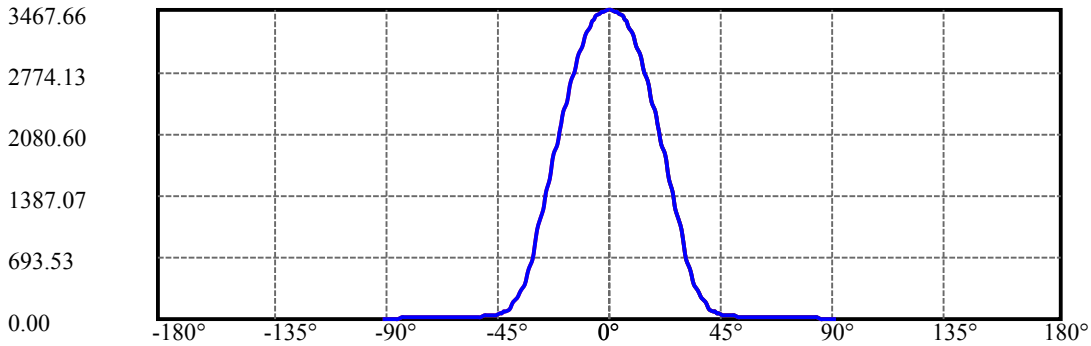
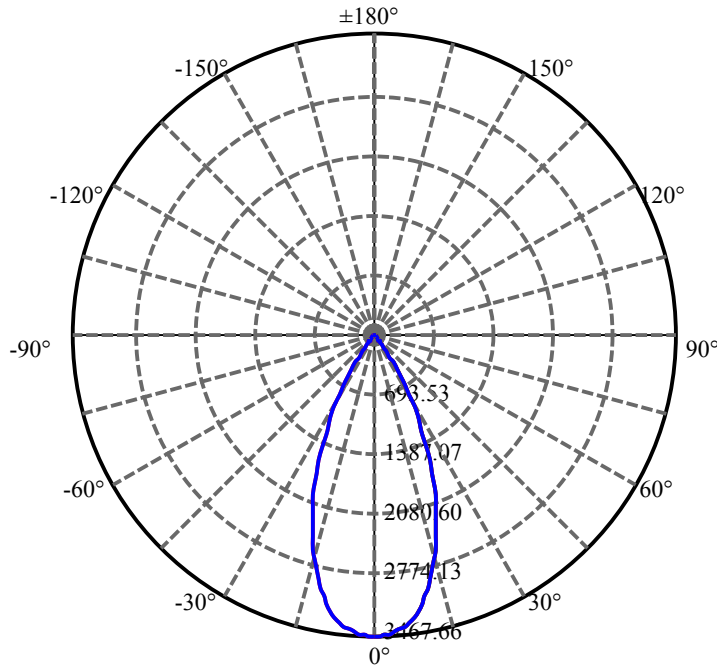
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	13.606	1.450	2017.688	0.06%	99.17%
77.0	13.489	1.445	2019.132	0.06%	99.25%
78.0	13.358	1.437	2020.57	0.06%	99.32%
79.0	13.109	1.422	2021.992	0.06%	99.39%
80.0	12.765	1.395	2023.387	0.06%	99.45%
81.0	12.356	1.358	2024.745	0.06%	99.52%
82.0	11.778	1.309	2026.054	0.06%	99.59%
83.0	11.053	1.241	2027.295	0.05%	99.65%
84.0	10.344	1.166	2028.461	0.05%	99.70%
85.0	9.759	1.097	2029.558	0.05%	99.76%
86.0	9.298	1.042	2030.599	0.04%	99.81%
87.0	9.012	1.002	2031.601	0.04%	99.86%
88.0	8.786	0.975	2032.576	0.04%	99.91%
89.0	8.661	0.956	2033.533	0.04%	99.95%
90.0	8.603	0.947	2034.479	0.04%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	1700.45	71.51%	83.58%
0-40	1925.02	80.95%	94.62%
0-60	1992.58	83.79%	97.94%
0-90	2033.53	85.51%	99.95%
0-120	2033.53	85.51%	99.95%
0-180	2034.48	85.55%	100.00%
60-90	40.96	1.72%	2.01%
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%
0-28.50	1627.58	68.44%	80.00%

ZONAL LUMEN SUMMARY

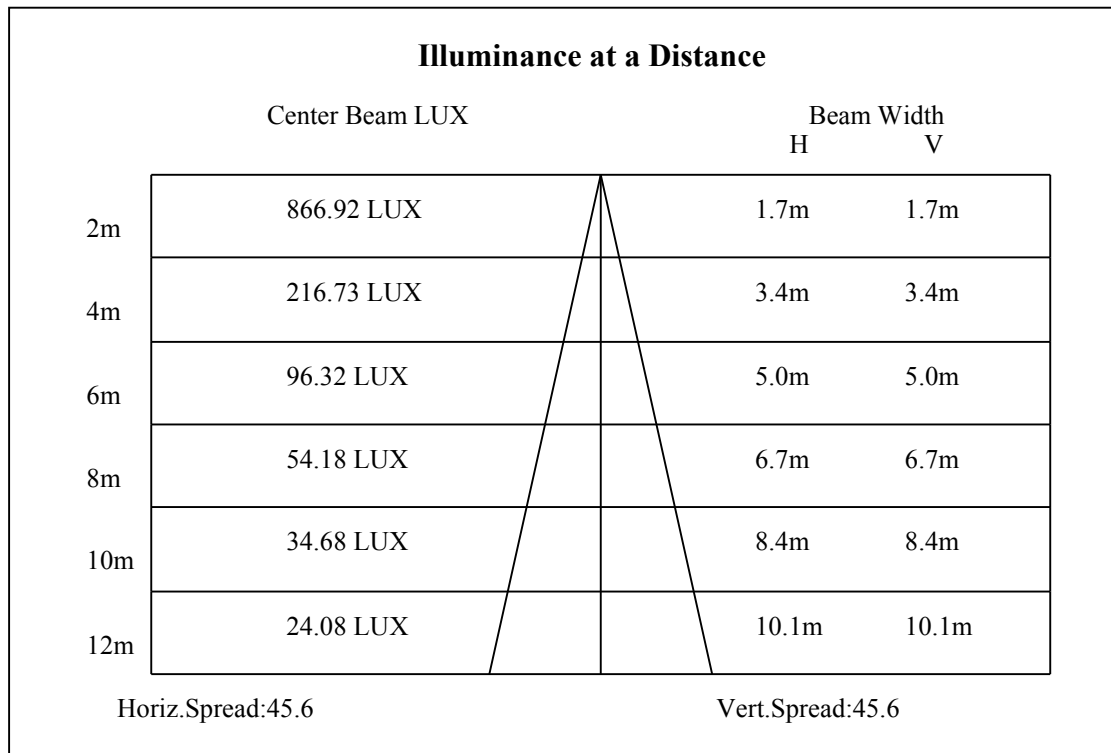
0-10	316.32
10-20	734.77
20-30	649.36
30-40	224.57
40-50	44.58
50-60	22.98
60-70	16.37
70-80	14.44
80-90	10.15
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

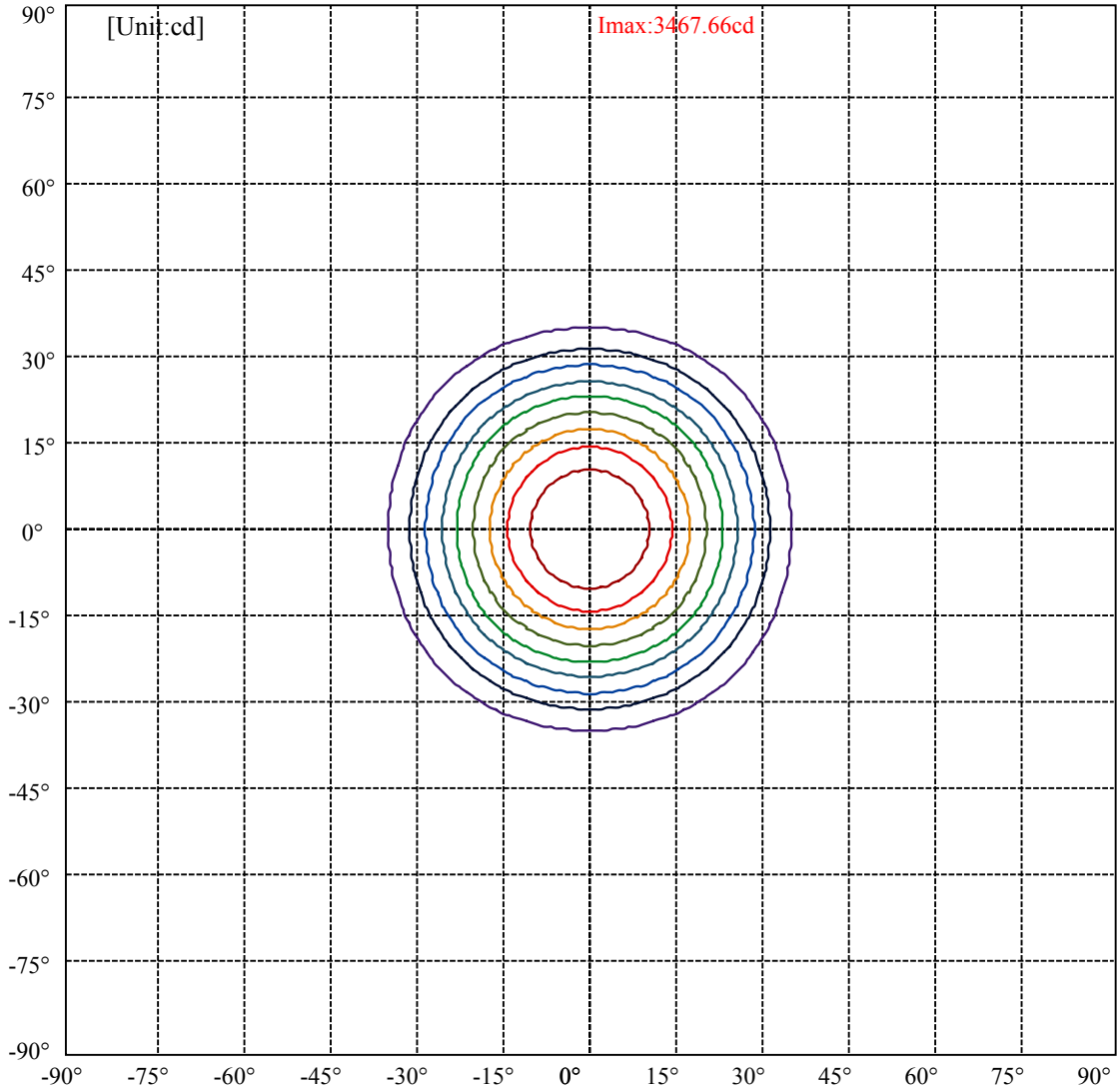


C0(Max): ———
C0/C180: ———
C90/C270: ———

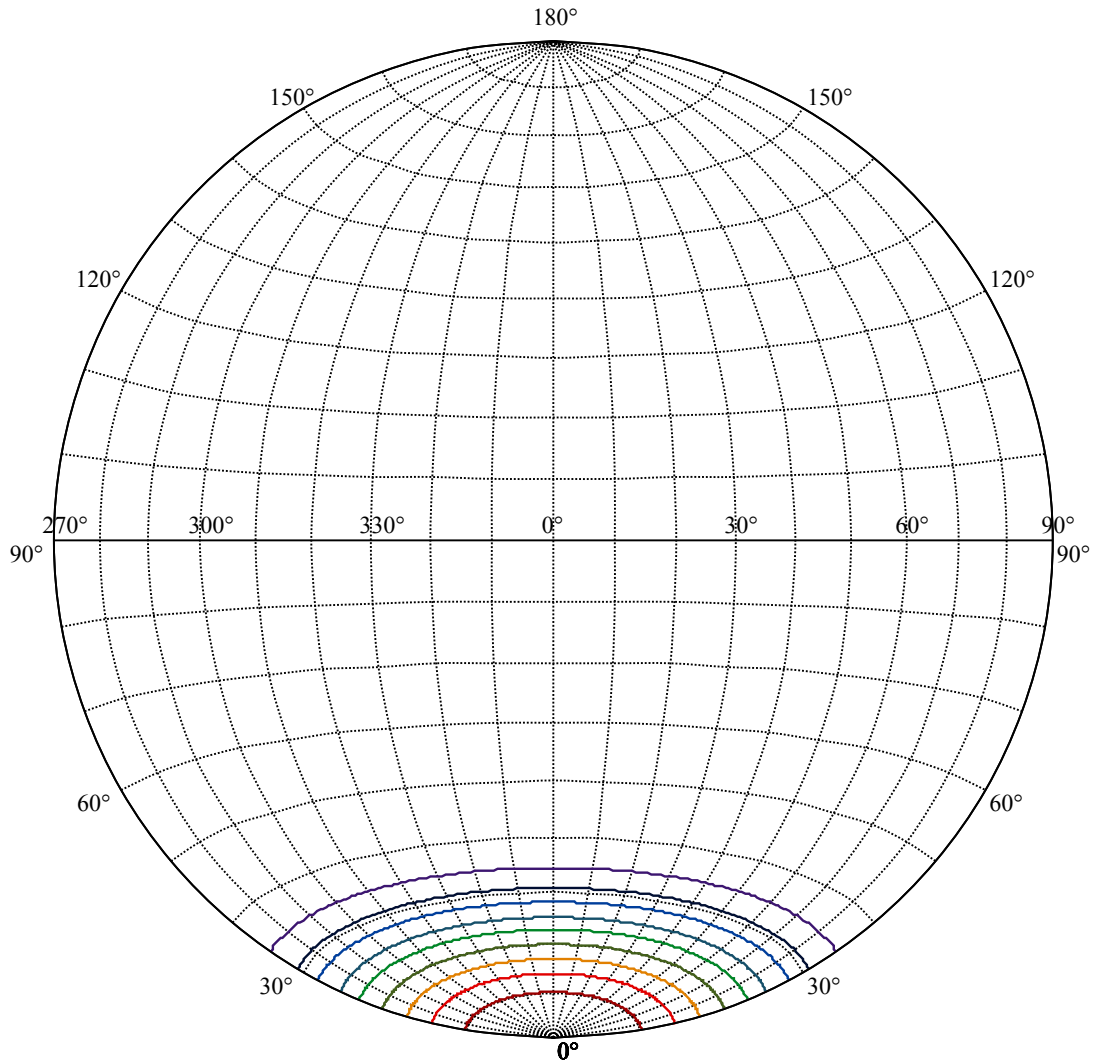
Field angle(10%Imax):C0/180Left:34.6 Right:34.6
:C90/270Left:34.6 Right:34.6

Beam Angle(50%Imax):C0/180Left:22.9 Right:22.9
:C90/270Left:22.9 Right:22.9





(10%Imax) 346.766	—
(20%Imax) 693.533	—
(30%Imax) 1040.3	—
(40%Imax) 1387.07	—
(50%Imax) 1733.83	—
(60%Imax) 2080.6	—
(70%Imax) 2427.36	—
(80%Imax) 2774.13	—
(90%Imax) 3120.9	—



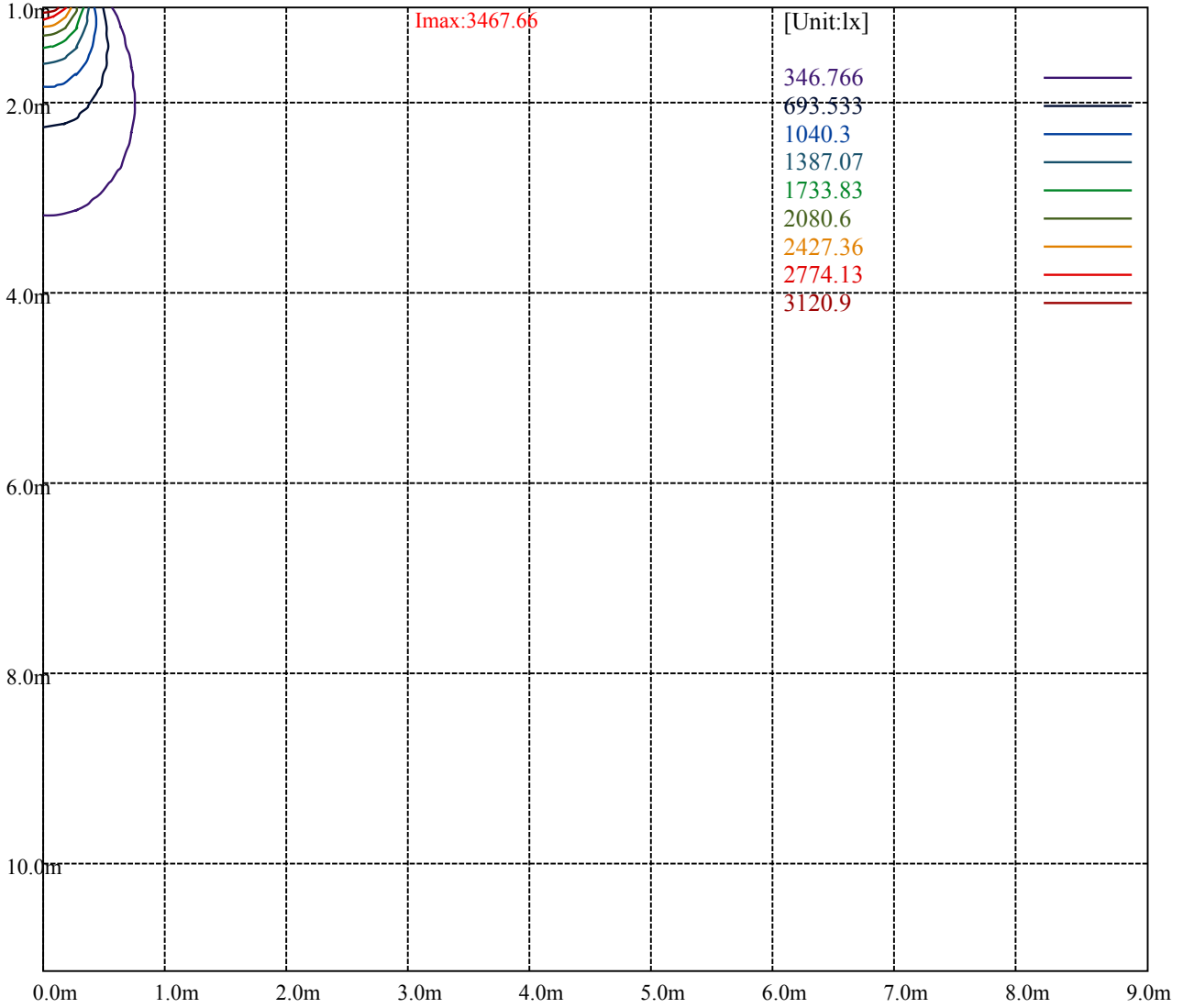
House

[Unit:cd]

Road

Imax:3467.66

(10%Imax)	346.766	—
(20%Imax)	693.533	—
(30%Imax)	1040.3	—
(40%Imax)	1387.07	—
(50%Imax)	1733.83	—
(60%Imax)	2080.6	—
(70%Imax)	2427.36	—
(80%Imax)	2774.13	—
(90%Imax)	3120.9	—



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

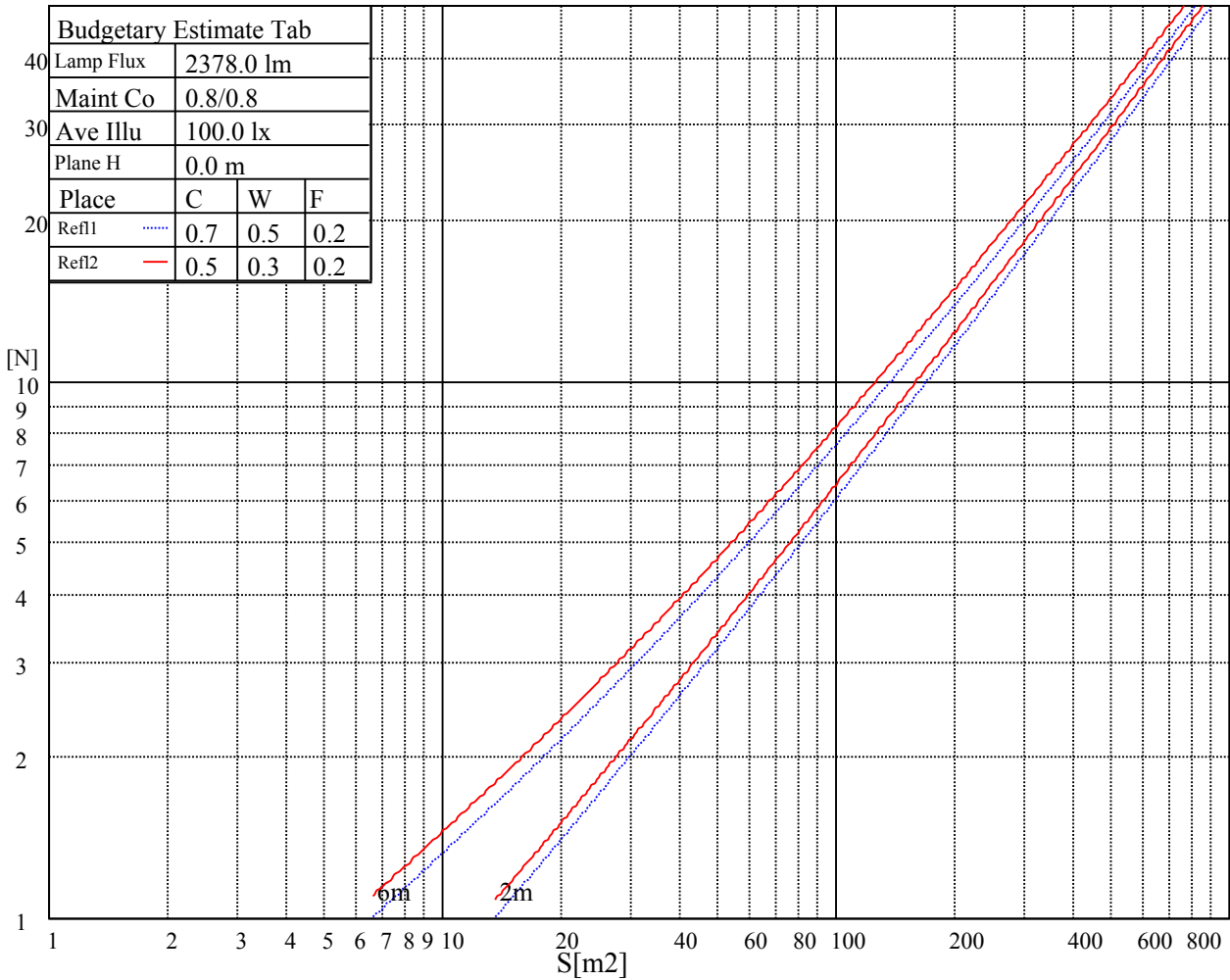
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

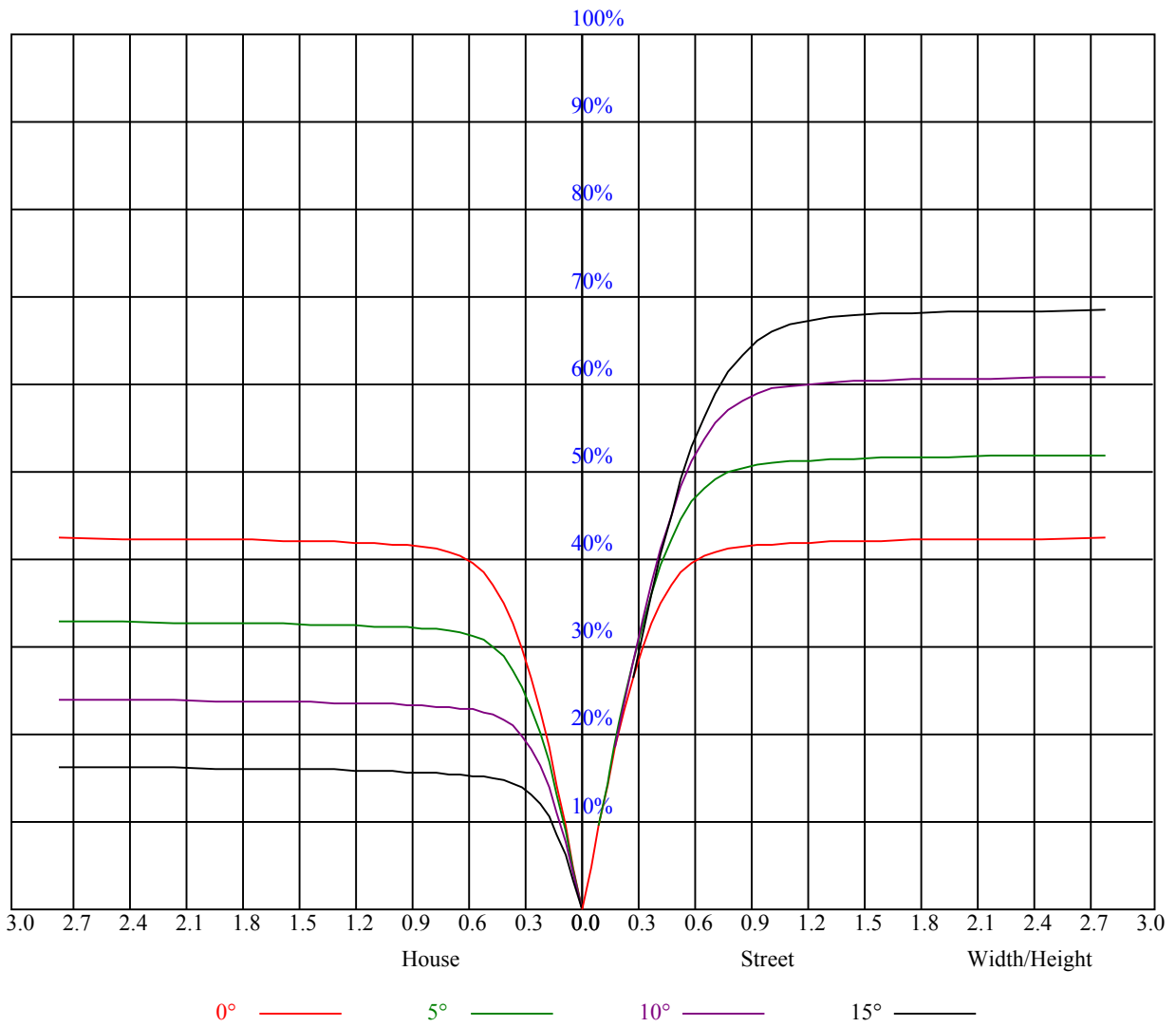


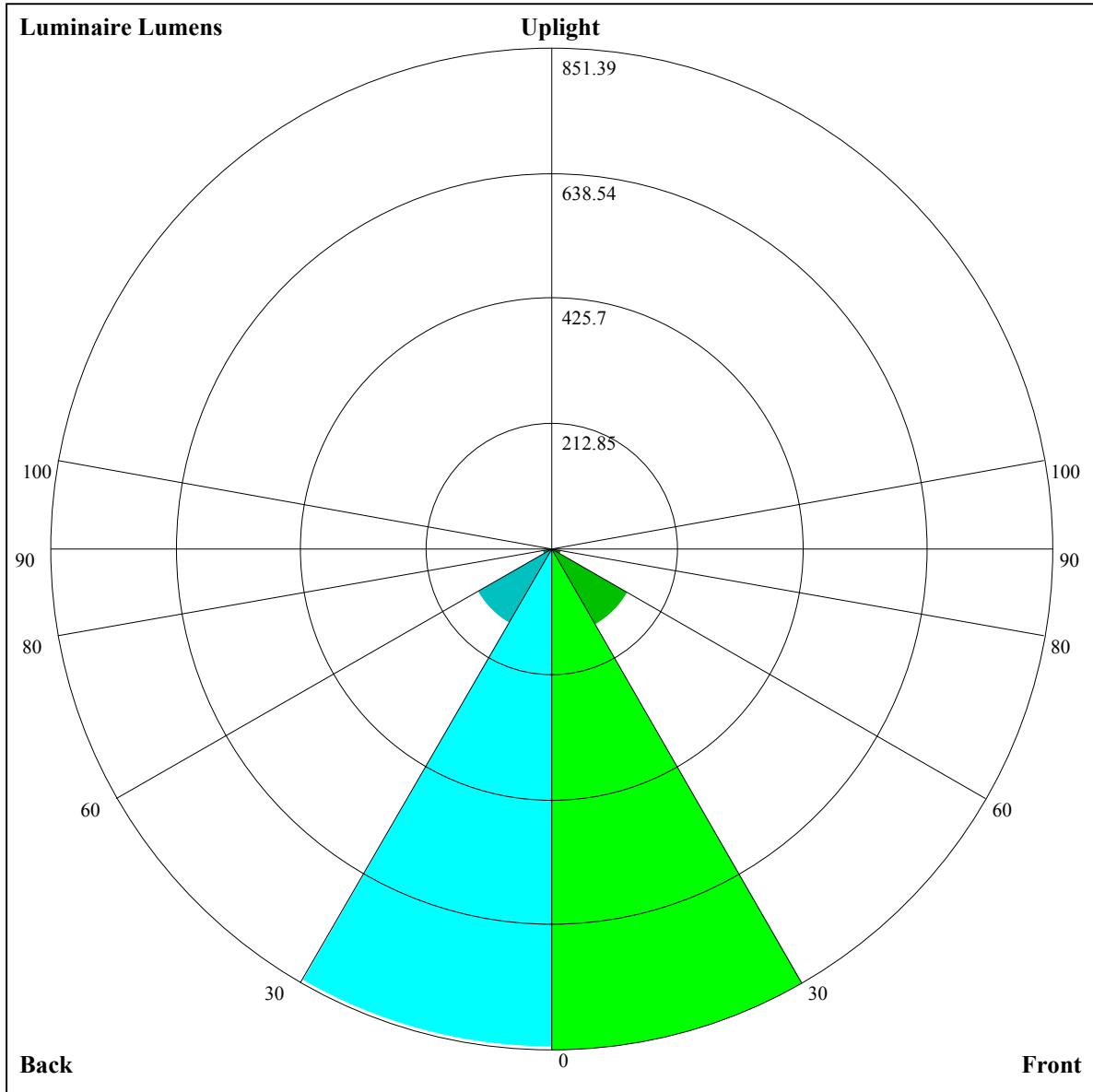
Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	3H	非数字	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	1.02	1.02	1.02	0.99	0.99	0.99	0.95	0.95	0.95	0.91	0.91	0.91	0.87	0.87	0.87	0.86
1	0.95	0.93	0.91	0.93	0.91	0.90	0.90	0.88	0.87	0.86	0.85	0.84	0.84	0.83	0.82	0.80
2	0.89	0.86	0.83	0.87	0.85	0.82	0.85	0.82	0.80	0.82	0.80	0.78	0.80	0.78	0.77	0.75
3	0.84	0.80	0.77	0.82	0.79	0.76	0.80	0.77	0.75	0.78	0.76	0.74	0.76	0.74	0.72	0.71
4	0.79	0.75	0.71	0.78	0.74	0.71	0.76	0.73	0.70	0.74	0.72	0.69	0.73	0.70	0.68	0.67
5	0.75	0.70	0.67	0.74	0.70	0.66	0.72	0.69	0.66	0.71	0.68	0.65	0.70	0.67	0.65	0.64
6	0.71	0.66	0.63	0.70	0.66	0.63	0.69	0.65	0.62	0.68	0.64	0.62	0.67	0.64	0.61	0.60
7	0.67	0.63	0.59	0.67	0.62	0.59	0.66	0.62	0.59	0.65	0.61	0.59	0.64	0.61	0.58	0.57
8	0.64	0.59	0.56	0.64	0.59	0.56	0.63	0.59	0.56	0.62	0.58	0.56	0.61	0.58	0.55	0.54
9	0.61	0.57	0.53	0.61	0.56	0.53	0.60	0.56	0.53	0.59	0.56	0.53	0.59	0.55	0.53	0.52
10	0.58	0.54	0.51	0.58	0.54	0.51	0.57	0.53	0.51	0.57	0.53	0.51	0.56	0.53	0.50	0.49





Luminaire Lumens:

FL=851.39,FM=148.5,FH=15.44,FVH=5.59

BL=845.49,BM=146.95,BH=15.42,BVH=5.53

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	3469.86	3468.10	3462.25	3448.79	3431.23	3410.75	3383.24	3339.94	3291.36
45.0	3462.83	3468.10	3468.69	3464.01	3452.30	3432.40	3412.51	3389.68	3348.72
90.0	3468.10	3465.18	3455.81	3437.08	3419.53	3397.87	3365.10	3332.91	3290.78
135.0	3469.86	3472.20	3466.93	3456.98	3437.08	3424.80	3393.78	3367.44	3333.50
180.0	3469.86	3464.01	3451.13	3440.01	3420.70	3392.02	3367.44	3334.09	3273.81
225.0	3462.83	3444.11	3430.65	3410.16	3386.17	3351.06	3307.16	3253.32	3184.85
270.0	3468.10	3462.25	3448.79	3437.08	3412.51	3387.93	3358.66	3320.63	3252.74
315.0	3469.86	3458.74	3442.35	3425.38	3397.87	3373.88	3339.35	3288.44	3208.26
360.0	3469.86	3468.10	3462.25	3448.79	3431.23	3410.75	3383.24	3339.94	3291.36
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	3229.33	3139.21	3061.37	2981.19	2879.37	2792.75	2696.78	2585.00	2433.42
45.0	3307.16	3255.08	3187.78	3092.97	3014.55	2932.62	2848.35	2734.81	2627.72
90.0	3232.26	3147.98	3066.64	2985.29	2903.94	2799.77	2705.55	2602.55	2458.59
135.0	3276.15	3212.36	3138.62	3066.05	2967.73	2886.97	2797.43	2696.78	2558.66
180.0	3214.70	3147.40	3058.44	2985.88	2882.88	2794.51	2697.36	2586.75	2455.66
225.0	3093.56	3018.65	2917.99	2834.30	2735.99	2632.40	2491.95	2377.83	2260.78
270.0	3190.71	3116.38	3036.79	2940.81	2852.45	2731.89	2634.16	2524.72	2381.34
315.0	3133.35	3058.44	2980.02	2879.95	2793.92	2673.95	2563.93	2445.71	2358.26
360.0	3229.33	3139.21	3061.37	2981.19	2879.37	2792.75	2696.78	2585.00	2433.42
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	2318.13	2203.43	2091.07	1953.54	1837.08	1722.96	1573.14	1449.66	1163.37
45.0	2515.94	2368.46	2254.35	2144.32	2013.23	1900.87	1785.58	1638.69	1514.04
90.0	2343.30	2236.79	2106.87	2003.28	1890.92	1741.69	1626.98	1501.75	1164.71
135.0	2448.64	2336.28	2192.31	2082.29	1972.85	1837.08	1721.79	1601.82	1455.51
180.0	2338.03	2217.48	2103.94	1973.44	1864.59	1742.86	1609.43	1485.36	1372.41
225.0	2120.33	2012.65	1902.62	1785.58	1640.44	1523.40	1315.64	1157.52	1127.20
270.0	2263.12	2150.76	2019.67	1911.40	1794.94	1673.80	1523.40	1409.87	1284.63
315.0	2191.14	2084.04	1978.12	1835.32	1719.45	1597.14	1479.51	1139.73	1139.73
360.0	2318.13	2203.43	2091.07	1953.54	1837.08	1722.96	1573.14	1449.66	1163.37
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	1163.37	1037.25	912.19	761.67	649.78	545.31	452.79	359.04	301.10
45.0	1385.29	1257.12	1104.38	982.07	860.34	741.54	599.33	499.84	417.91
90.0	1164.71	1104.90	988.39	836.64	719.07	605.12	508.09	402.63	334.28
135.0	1330.86	1210.89	1090.92	944.61	826.40	709.94	595.82	475.85	398.01
180.0	1218.50	1098.53	972.12	807.08	687.11	575.92	479.94	382.80	319.01
225.0	1005.65	883.87	730.83	612.32	487.02	405.03	338.32	282.96	224.73
270.0	1159.39	1007.82	891.94	771.39	612.20	513.30	409.13	338.32	299.69
315.0	1051.77	928.05	805.80	679.56	538.76	447.29	373.84	314.03	250.94
360.0	1163.37	1037.25	912.19	761.67	649.78	545.31	452.79	359.04	301.10
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	252.11	210.27	166.09	137.24	114.47	91.70	77.43	63.56	55.30
45.0	331.30	302.03	302.03	182.88	152.16	121.96	102.53	86.67	73.74
90.0	268.15	225.49	188.09	149.58	125.88	105.22	88.37	75.03	61.57
135.0	333.64	305.55	305.55	168.72	139.63	116.23	97.09	78.07	66.01
180.0	304.96	304.96	167.73	138.23	114.35	90.48	75.85	62.27	54.48
225.0	186.63	155.26	129.57	104.23	88.37	75.96	65.90	56.36	50.04
270.0	299.69	186.28	153.39	129.10	108.68	87.02	74.38	63.85	56.18
315.0	208.81	173.17	137.41	114.94	96.39	77.83	65.84	56.83	48.40
360.0	252.11	210.27	166.09	137.24	114.47	91.70	77.43	63.56	55.30

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	48.92	43.19	39.80	37.22	34.94	32.42	30.72	29.26	27.92
45.0	60.92	53.26	47.29	42.90	38.80	36.23	34.06	31.66	30.08
90.0	53.31	46.99	42.37	38.33	35.82	33.24	31.54	29.96	28.27
135.0	56.71	49.57	43.25	39.74	36.99	34.24	32.25	30.61	28.85
180.0	48.40	43.83	39.39	36.52	34.00	31.89	29.79	28.38	27.10
225.0	45.06	39.80	36.58	33.42	31.49	29.85	28.03	26.80	25.75
270.0	48.57	44.07	40.38	36.58	34.12	31.60	29.90	28.50	27.21
315.0	43.83	40.44	37.75	34.76	32.77	30.96	29.03	27.80	26.57
360.0	48.92	43.19	39.80	37.22	34.94	32.42	30.72	29.26	27.92
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	26.45	25.52	24.58	23.41	22.41	21.30	20.37	19.43	18.55
45.0	28.73	27.10	25.98	25.11	23.94	22.94	22.00	21.07	19.84
90.0	26.98	25.98	24.81	23.88	22.94	21.95	20.83	19.90	19.02
135.0	27.56	26.45	25.28	24.35	23.41	22.30	21.42	20.48	19.49
180.0	25.75	24.87	23.99	22.94	22.00	21.07	20.01	19.08	18.26
225.0	24.76	23.94	22.77	21.83	20.95	19.72	18.90	18.02	17.09
270.0	25.75	24.87	23.99	23.06	21.95	21.01	20.13	19.02	18.14
315.0	25.57	24.40	23.47	22.36	21.42	20.54	19.37	18.49	17.73
360.0	26.45	25.52	24.58	23.41	22.41	21.30	20.37	19.43	18.55
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	17.56	16.85	16.04	15.33	14.81	14.51	14.22	14.05	13.93
45.0	18.96	18.20	17.50	16.56	15.74	15.10	14.81	14.51	14.34
90.0	18.02	17.38	16.62	15.80	15.22	14.86	14.51	14.40	14.22
135.0	18.38	17.73	16.97	16.21	15.45	15.04	14.69	14.51	14.40
180.0	17.32	16.62	15.86	15.27	14.81	14.57	14.40	14.28	14.10
225.0	16.39	15.45	15.04	14.69	14.46	14.28	14.10	14.05	13.93
270.0	17.38	16.44	15.68	15.04	14.75	14.51	14.28	14.16	14.05
315.0	17.03	15.98	15.27	14.81	14.51	14.22	14.10	13.99	13.87
360.0	17.56	16.85	16.04	15.33	14.81	14.51	14.22	14.05	13.93
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	13.81	13.69	13.58	13.52	13.34	13.23	13.11	12.87	12.47
45.0	14.16	14.05	13.93	13.81	13.69	13.64	13.52	13.34	13.17
90.0	14.10	13.99	13.87	13.81	13.69	13.58	13.46	13.28	13.17
135.0	14.28	14.10	14.05	13.99	13.87	13.81	13.75	13.58	13.34
180.0	14.05	13.93	13.93	13.81	13.75	13.64	13.52	13.34	12.76
225.0	13.81	13.75	13.64	13.58	13.46	13.28	13.05	12.58	12.23
270.0	13.99	13.87	13.81	13.69	13.64	13.52	13.34	13.17	12.64
315.0	13.81	13.69	13.58	13.52	13.40	13.23	13.11	12.70	12.35
360.0	13.81	13.69	13.58	13.52	13.34	13.23	13.11	12.87	12.47
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	12.17	11.82	11.00	10.30	9.83	9.36	9.07	8.90	8.60
45.0	13.05	12.47	12.06	11.29	10.53	9.95	9.42	9.07	8.90
90.0	12.52	12.17	11.47	10.65	10.07	9.48	9.07	8.90	8.72
135.0	12.93	12.41	11.88	10.89	10.18	9.54	9.19	8.90	8.72
180.0	12.41	11.76	10.83	10.18	9.54	9.07	8.90	8.66	8.54
225.0	11.47	10.71	10.07	9.48	9.07	8.84	8.66	8.54	8.54
270.0	12.35	11.76	10.65	10.12	9.48	9.07	8.90	8.66	8.60
315.0	11.94	11.12	10.48	9.83	9.36	9.07	8.90	8.66	8.66
360.0	12.17	11.82	11.00	10.30	9.83	9.36	9.07	8.90	8.60

Intensity data(cd)

C/γ(°)	90.0
0.0	8.60
45.0	8.66
90.0	8.60
135.0	8.60
180.0	8.54
225.0	8.54
270.0	8.60
315.0	8.66
360.0	8.60