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NT

Client:

LumCAT: 2-2689-L

Luminaire: 92.70.411.00

Report No: 2024408-B012

Ballast type: AC

Test No: 2024408-C012

Voltage(V): 34.930

LampCAT: Fortimo_SLM_C_1205

Current(A): 0.401

Lamp flux(lm): 2378.0

Power (W): 14.006

Number of Lamps: 1

PF: 0.000

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 1989.96, Efficiency(%): 83.68% , Luminous Efficacy(lm/W): 142.08

Central intensity(cd): 3653.911, Maximum intensity(cd): 3653.911

Angle of maximum intensity: C=0.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=43.8

[C90/270]Total=43.8

Field angle(10%Imax): [C0/180]Total=65.4

[C90/270]Total=65.4

Maximum s/h(1/2): C0_180=0.70 C90_270=0.70

Maximum s/h(1/4): C0_180=0.69 C90_270=0.69

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 83.68%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 97.697%

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	3653.911	0.000	0	0.00%	0.00%
1.0	3651.424	3.495	3.495	0.15%	0.18%
2.0	3642.572	10.469	13.965	0.44%	0.70%
3.0	3624.942	17.382	31.346	0.73%	1.58%
4.0	3601.753	24.190	55.536	1.02%	2.79%
5.0	3567.005	30.840	86.376	1.30%	4.34%
6.0	3521.065	37.250	123.625	1.57%	6.21%
7.0	3468.833	43.386	167.012	1.82%	8.39%
8.0	3402.630	49.178	216.189	2.07%	10.86%
9.0	3331.964	54.580	270.77	2.30%	13.61%
10.0	3248.862	59.554	330.324	2.50%	16.60%
11.0	3161.517	64.053	394.376	2.69%	19.82%
12.0	3060.493	68.015	462.392	2.86%	23.24%
13.0	2952.958	71.365	533.756	3.00%	26.82%
14.0	2835.620	74.093	607.85	3.12%	30.55%
15.0	2722.233	76.301	684.15	3.21%	34.38%
16.0	2600.213	77.989	762.139	3.28%	38.30%
17.0	2478.998	79.097	841.236	3.33%	42.27%
18.0	2350.322	79.625	920.861	3.35%	46.28%
19.0	2225.669	79.613	1000.474	3.35%	50.28%
20.0	2089.239	78.975	1079.449	3.32%	54.24%
21.0	1957.051	77.697	1157.146	3.27%	58.15%
22.0	1817.987	75.861	1233.007	3.19%	61.96%
23.0	1679.362	73.384	1306.391	3.09%	65.65%
24.0	1517.547	69.896	1376.286	2.94%	69.16%
25.0	1373.311	65.732	1442.018	2.76%	72.46%
26.0	1262.125	62.210	1504.228	2.62%	75.59%
27.0	1148.438	58.975	1563.203	2.48%	78.55%
28.0	1008.284	54.604	1617.807	2.30%	81.30%
29.0	861.693	48.924	1666.731	2.06%	83.76%
30.0	702.965	42.245	1708.976	1.78%	85.88%
31.0	565.861	35.310	1744.286	1.48%	87.65%
32.0	438.092	28.762	1773.048	1.21%	89.10%
33.0	335.502	22.790	1795.838	0.96%	90.25%
34.0	260.945	18.050	1813.888	0.76%	91.15%
35.0	206.599	14.520	1828.408	0.61%	91.88%
36.0	172.202	12.061	1840.47	0.51%	92.49%
37.0	117.199	9.439	1849.908	0.40%	92.96%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	103.812	7.377	1857.285	0.31%	93.33%
39.0	93.885	6.748	1864.033	0.28%	93.67%
40.0	85.472	6.255	1870.288	0.26%	93.99%
41.0	78.844	5.851	1876.14	0.25%	94.28%
42.0	72.400	5.495	1881.635	0.23%	94.56%
43.0	67.191	5.171	1886.806	0.22%	94.82%
44.0	62.202	4.884	1891.689	0.21%	95.06%
45.0	57.937	4.617	1896.306	0.19%	95.29%
46.0	54.133	4.383	1900.689	0.18%	95.51%
47.0	50.585	4.165	1904.854	0.18%	95.72%
48.0	47.359	3.959	1908.813	0.17%	95.92%
49.0	44.426	3.769	1912.583	0.16%	96.11%
50.0	41.639	3.588	1916.171	0.15%	96.29%
51.0	39.093	3.416	1919.587	0.14%	96.46%
52.0	36.789	3.256	1922.843	0.14%	96.63%
53.0	34.601	3.105	1925.948	0.13%	96.78%
54.0	32.480	2.957	1928.905	0.12%	96.93%
55.0	30.680	2.819	1931.724	0.12%	97.07%
56.0	28.917	2.693	1934.417	0.11%	97.21%
57.0	27.476	2.578	1936.996	0.11%	97.34%
58.0	26.035	2.475	1939.47	0.10%	97.46%
59.0	24.821	2.378	1941.848	0.10%	97.58%
60.0	23.599	2.288	1944.135	0.10%	97.70%
61.0	22.458	2.198	1946.333	0.09%	97.81%
62.0	21.361	2.111	1948.445	0.09%	97.91%
63.0	20.124	2.018	1950.462	0.08%	98.02%
64.0	19.042	1.922	1952.384	0.08%	98.11%
65.0	17.966	1.832	1954.216	0.08%	98.20%
66.0	16.979	1.744	1955.959	0.07%	98.29%
67.0	16.225	1.670	1957.629	0.07%	98.38%
68.0	15.867	1.626	1959.255	0.07%	98.46%
69.0	15.823	1.617	1960.871	0.07%	98.54%
70.0	15.984	1.634	1962.505	0.07%	98.62%
71.0	16.284	1.668	1964.173	0.07%	98.70%
72.0	16.394	1.699	1965.872	0.07%	98.79%
73.0	16.277	1.708	1967.58	0.07%	98.88%
74.0	16.116	1.703	1969.283	0.07%	98.96%
75.0	15.874	1.690	1970.973	0.07%	99.05%

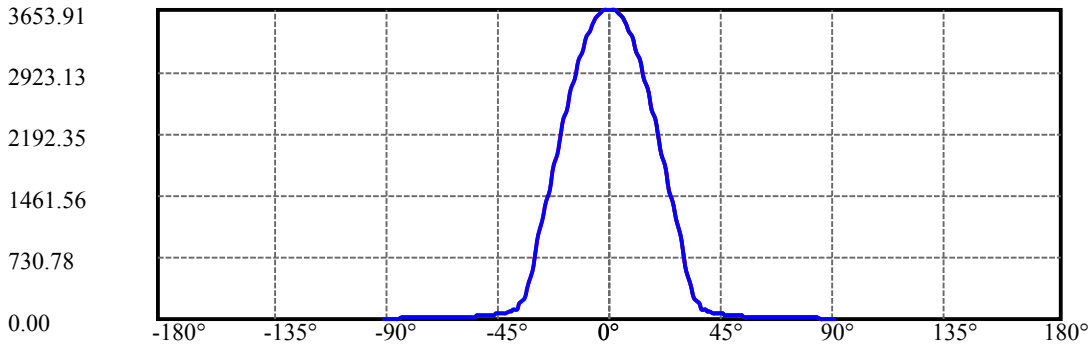
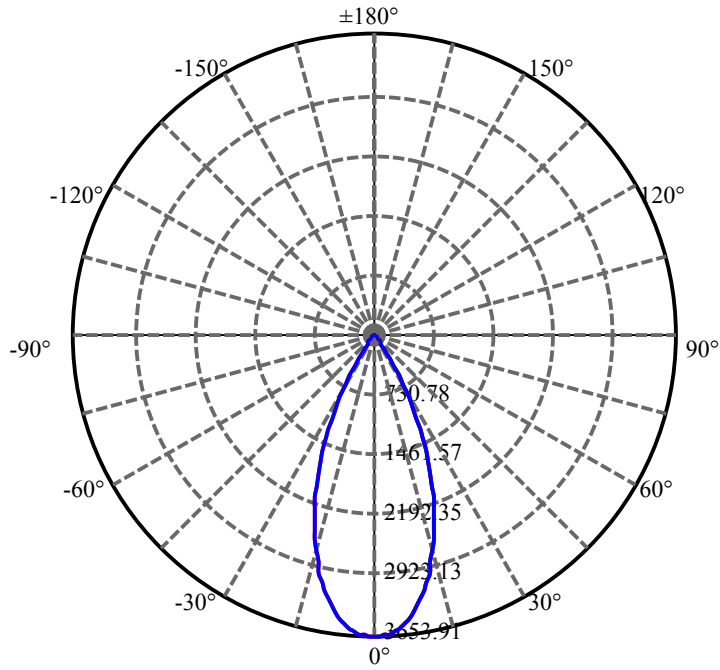
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	15.369	1.659	1972.632	0.07%	99.13%
77.0	14.916	1.615	1974.247	0.07%	99.21%
78.0	14.148	1.556	1975.802	0.07%	99.29%
79.0	13.233	1.471	1977.274	0.06%	99.36%
80.0	12.195	1.371	1978.644	0.06%	99.43%
81.0	11.756	1.295	1979.94	0.05%	99.50%
82.0	11.573	1.265	1981.205	0.05%	99.56%
83.0	11.427	1.250	1982.455	0.05%	99.62%
84.0	11.053	1.225	1983.68	0.05%	99.68%
85.0	10.527	1.178	1984.857	0.05%	99.74%
86.0	9.876	1.115	1985.973	0.05%	99.80%
87.0	9.422	1.056	1987.029	0.04%	99.85%
88.0	9.012	1.010	1988.039	0.04%	99.90%
89.0	8.676	0.970	1989.008	0.04%	99.95%
90.0	8.625	0.949	1989.957	0.04%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	1708.98	71.87%	85.88%
0-40	1870.29	78.65%	93.99%
0-60	1944.14	81.76%	97.70%
0-90	1989.01	83.64%	99.95%
0-120	1989.01	83.64%	99.95%
0-180	1989.96	83.68%	100.00%
60-90	44.87	1.89%	2.25%
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%
0-27.53	1591.97	66.95%	80.00%

ZONAL LUMEN SUMMARY

0-10	330.32
10-20	749.13
20-30	629.53
30-40	161.31
40-50	45.88
50-60	27.96
60-70	18.37
70-80	16.14
80-90	10.36
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: —————

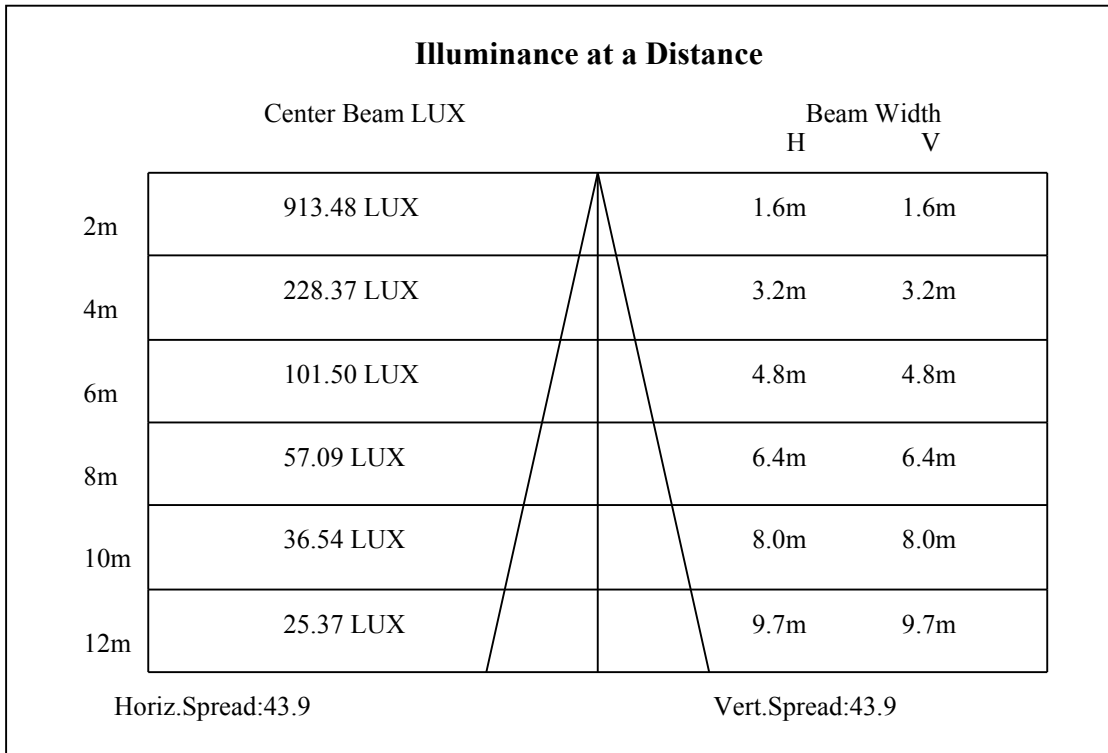
C90/C270: —————

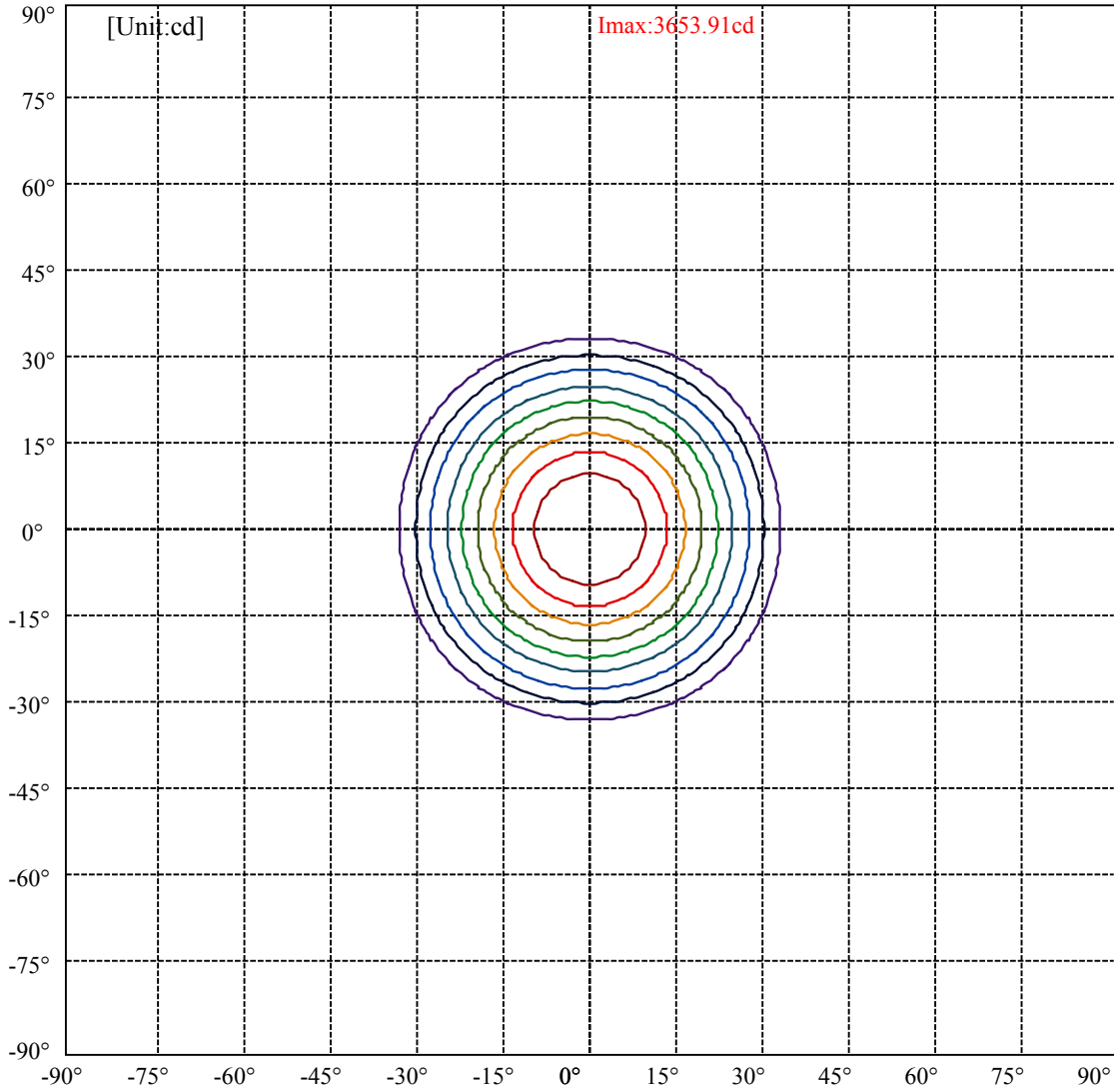
Field angle(10%Imax):C0/180Left:32.7 Right:32.7

:C90/270Left:32.7 Right:32.7

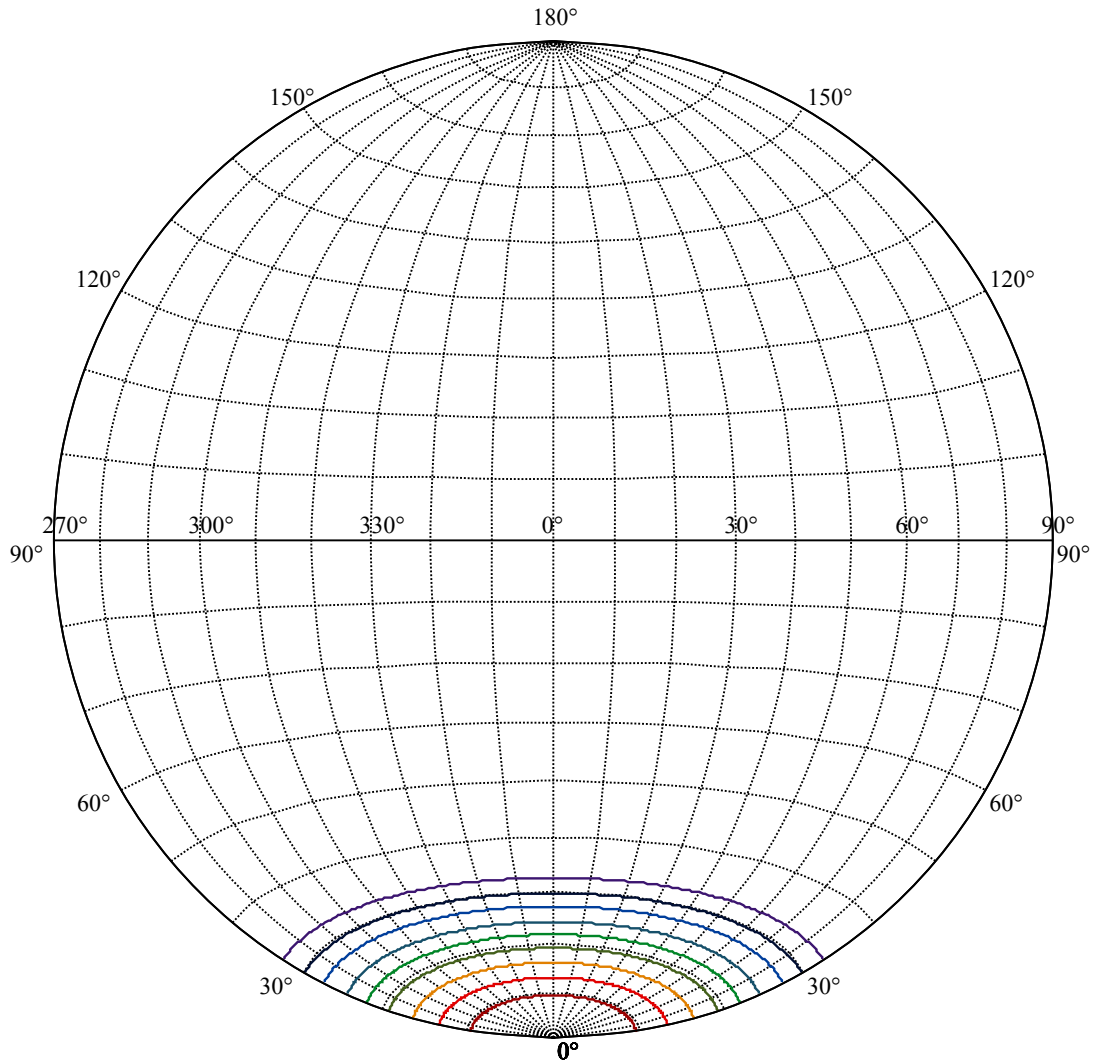
Beam Angle(50%Imax):C0/180Left:21.9 Right:21.9

:C90/270Left:21.9 Right:21.9





(10%Imax) 365.391	—
(20%Imax) 730.782	—
(30%Imax) 1096.17	—
(40%Imax) 1461.56	—
(50%Imax) 1826.96	—
(60%Imax) 2192.35	—
(70%Imax) 2557.74	—
(80%Imax) 2923.13	—
(90%Imax) 3288.52	—



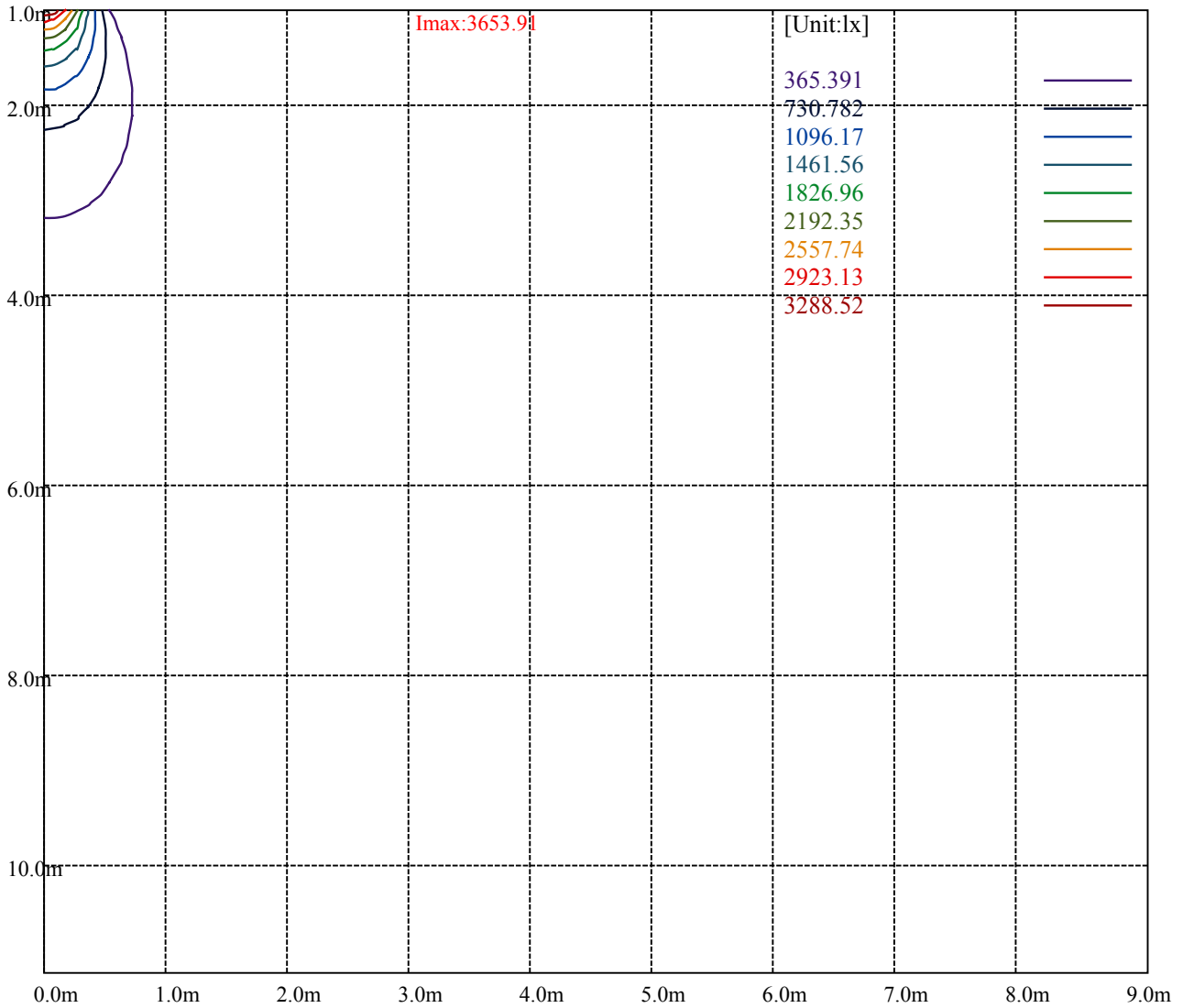
House

[Unit:cd]

Road

I_{max}:3653.91

(10%I _{max})	365.391	—
(20%I _{max})	730.782	—
(30%I _{max})	1096.17	—
(40%I _{max})	1461.56	—
(50%I _{max})	1826.96	—
(60%I _{max})	2192.35	—
(70%I _{max})	2557.74	—
(80%I _{max})	2923.13	—
(90%I _{max})	3288.52	—



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

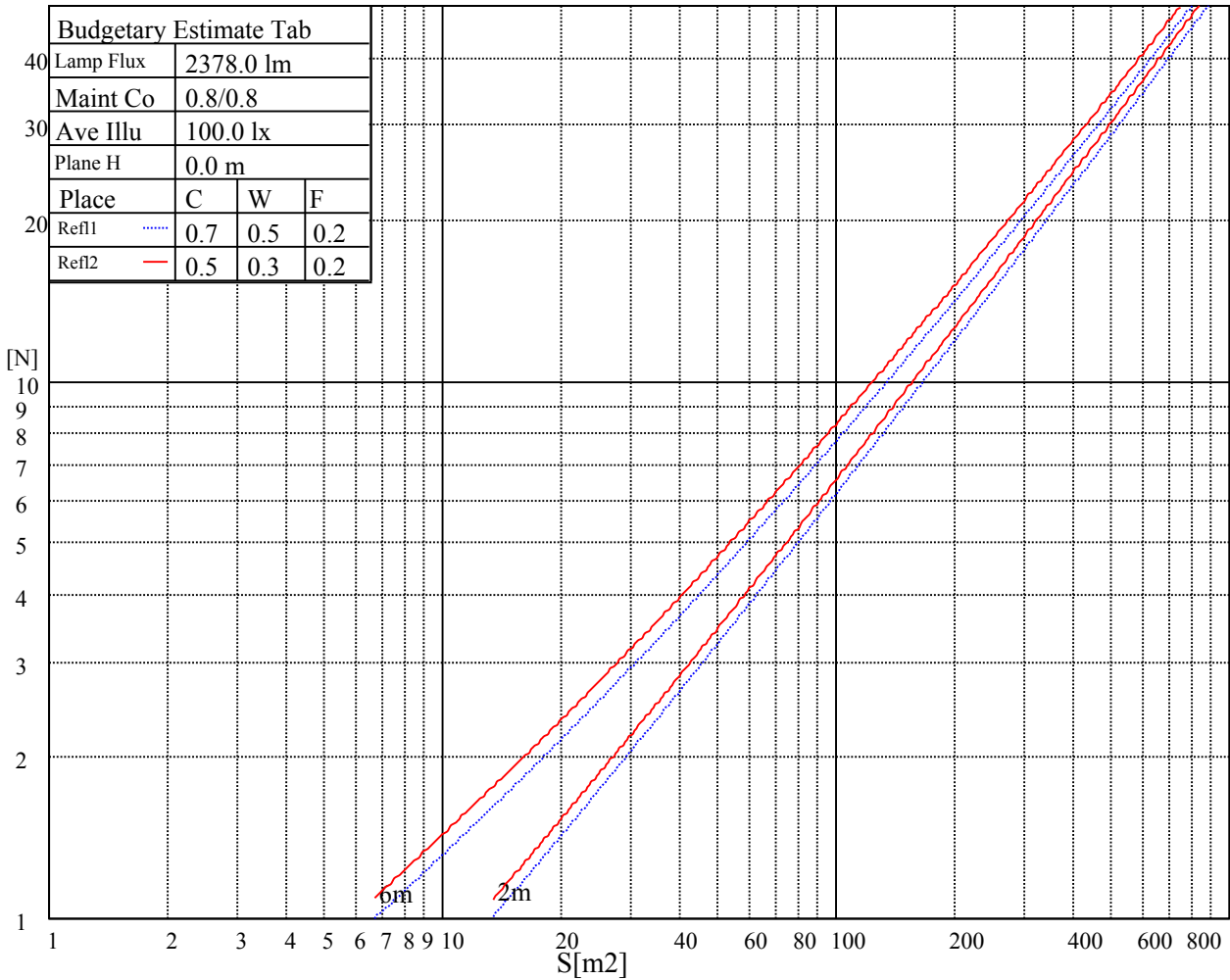
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

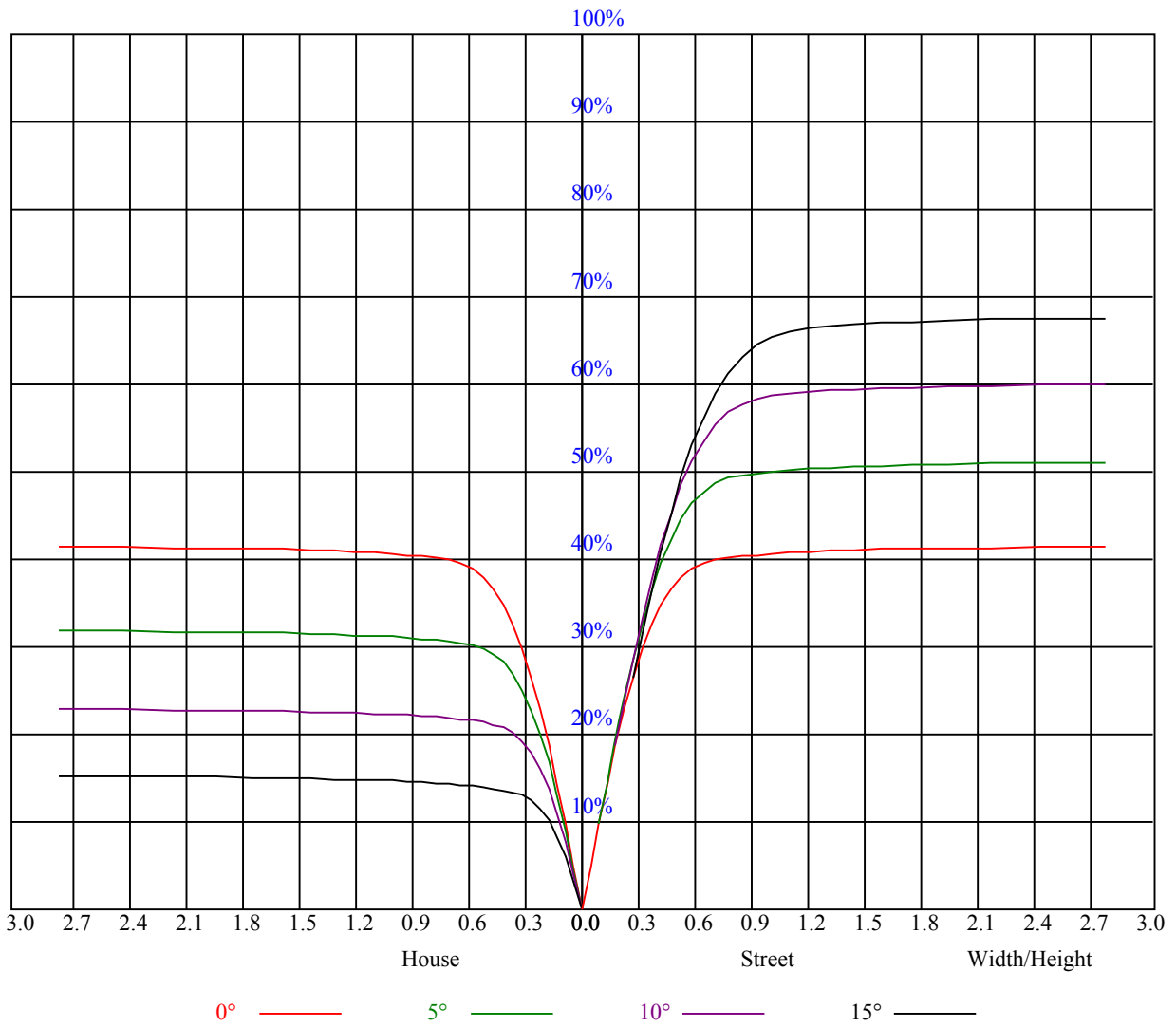


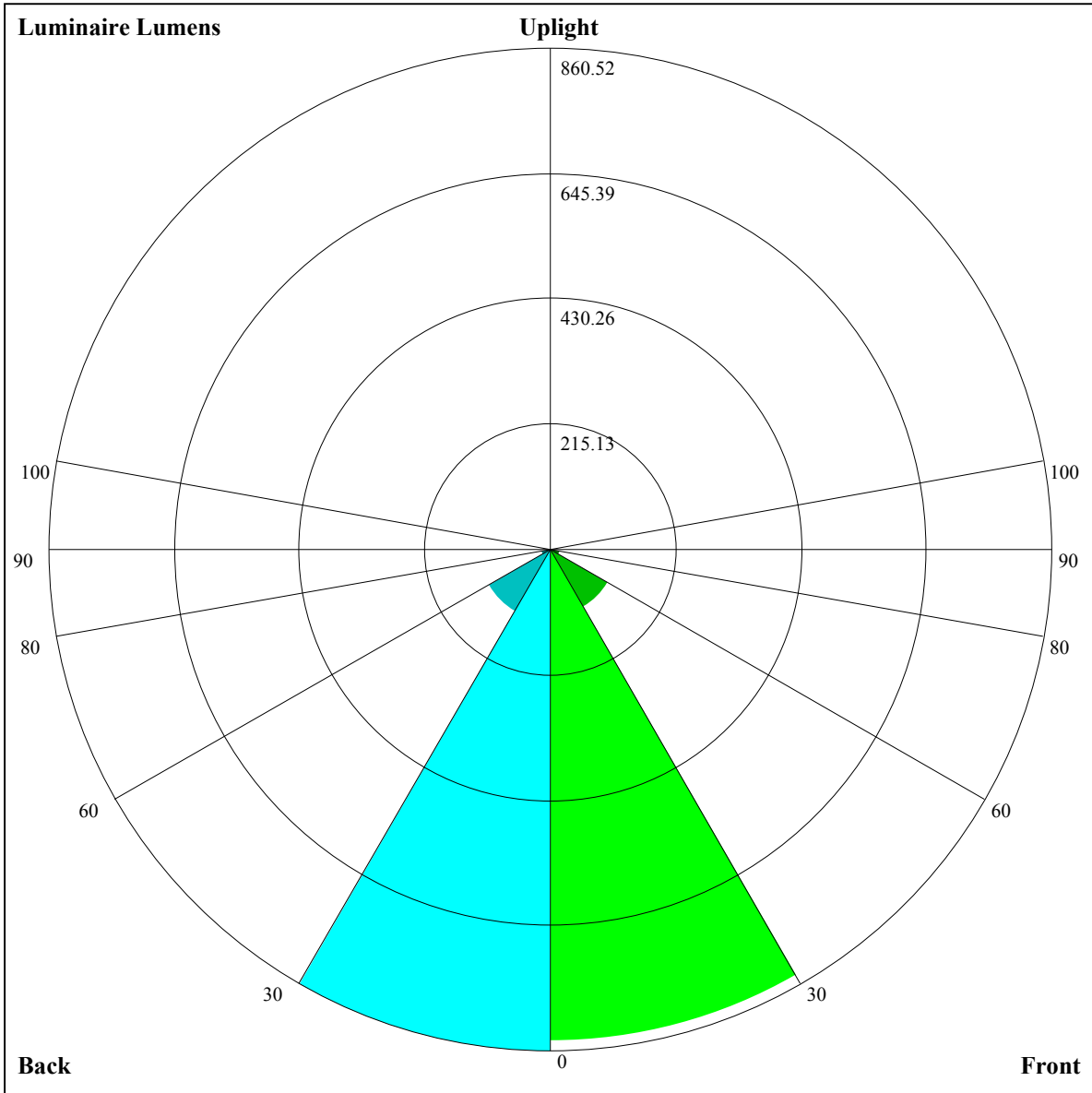
Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	3H	非数字	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	1.00	1.00	1.00	0.97	0.97	0.97	0.93	0.93	0.93	0.89	0.89	0.89	0.85	0.85	0.85	0.84
1	0.93	0.91	0.89	0.91	0.89	0.88	0.88	0.86	0.85	0.85	0.83	0.82	0.82	0.81	0.80	0.79
2	0.87	0.84	0.81	0.86	0.83	0.80	0.83	0.81	0.79	0.81	0.79	0.77	0.78	0.77	0.75	0.74
3	0.82	0.78	0.75	0.81	0.77	0.75	0.79	0.76	0.73	0.77	0.74	0.72	0.75	0.73	0.71	0.70
4	0.78	0.73	0.70	0.77	0.73	0.70	0.75	0.71	0.69	0.73	0.70	0.68	0.72	0.69	0.67	0.66
5	0.73	0.69	0.66	0.73	0.69	0.66	0.71	0.68	0.65	0.70	0.67	0.64	0.69	0.66	0.64	0.63
6	0.70	0.65	0.62	0.69	0.65	0.62	0.68	0.64	0.61	0.67	0.64	0.61	0.66	0.63	0.61	0.60
7	0.66	0.62	0.59	0.66	0.62	0.59	0.65	0.61	0.58	0.64	0.61	0.58	0.63	0.60	0.58	0.57
8	0.63	0.59	0.56	0.63	0.59	0.56	0.62	0.58	0.56	0.61	0.58	0.55	0.60	0.57	0.55	0.54
9	0.61	0.56	0.53	0.60	0.56	0.53	0.59	0.56	0.53	0.59	0.55	0.53	0.58	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	0.56	0.53	0.50	0.56	0.53	0.50	0.49





Luminaire Lumens:

FL=844.33,FM=114.47,FH=17.92,FVH=5.71

BL=860.52,BM=122.72,BH=16.21,BVH=5.65

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	3658.89	3653.03	3643.67	3627.87	3596.85	3550.03	3506.14	3448.20	3370.37
45.0	3654.20	3655.96	3654.20	3646.01	3631.38	3603.29	3569.35	3513.16	3461.66
90.0	3648.94	3653.62	3640.74	3624.36	3600.36	3573.44	3530.72	3473.37	3414.26
135.0	3653.62	3653.62	3650.69	3632.55	3627.87	3592.75	3558.81	3523.70	3465.76
180.0	3658.89	3652.45	3644.84	3623.77	3600.36	3568.76	3521.36	3476.30	3421.87
225.0	3654.20	3645.43	3623.19	3598.61	3568.76	3525.45	3464.59	3407.82	3340.52
270.0	3648.94	3647.77	3646.01	3634.89	3610.31	3585.15	3540.08	3491.51	3423.04
315.0	3653.62	3649.52	3637.23	3611.48	3578.12	3537.16	3477.47	3416.60	3323.55
360.0	3658.89	3653.03	3643.67	3627.87	3596.85	3550.03	3506.14	3448.20	3370.37
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	3299.56	3220.55	3114.04	3011.63	2912.14	2779.29	2668.68	2557.49	2411.77
45.0	3399.05	3333.50	3241.62	3158.52	3068.98	2975.93	2844.25	2740.67	2631.82
90.0	3353.40	3260.35	3179.00	3094.14	2985.88	2856.54	2742.42	2635.33	2515.94
135.0	3407.82	3342.86	3281.42	3173.73	3089.46	2995.24	2895.17	2761.15	2652.30
180.0	3348.13	3276.73	3202.99	3113.46	2992.90	2893.41	2792.17	2683.32	2546.96
225.0	3259.18	3145.06	3049.08	2944.33	2837.23	2699.12	2583.83	2440.45	2325.16
270.0	3346.38	3250.40	3160.27	3053.76	2914.48	2805.63	2690.92	2542.28	2425.23
315.0	3242.21	3161.44	3063.71	2934.38	2822.60	2679.80	2560.42	2441.03	2322.82
360.0	3299.56	3220.55	3114.04	3011.63	2912.14	2779.29	2668.68	2557.49	2411.77
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	2298.24	2173.58	2049.52	1885.65	1755.73	1625.23	1505.84	1167.11	1167.11
45.0	2489.61	2379.58	2236.20	2114.48	1989.82	1858.15	1694.28	1571.97	1453.76
90.0	2376.66	2264.88	2144.91	1996.26	1864.59	1704.23	1583.68	1470.73	1138.32
135.0	2537.01	2424.65	2283.02	2161.88	2005.62	1869.85	1741.10	1586.60	1476.00
180.0	2432.25	2309.36	2156.03	2035.47	1876.88	1739.35	1617.62	1502.33	1366.56
225.0	2204.60	2048.93	1921.94	1793.19	1665.61	1510.52	1319.74	1150.08	1150.08
270.0	2298.82	2168.32	2016.16	1889.75	1765.68	1631.08	1511.11	1370.66	1249.51
315.0	2165.39	2036.06	1906.14	1779.73	1619.96	1496.48	1167.00	1167.00	1095.66
360.0	2298.24	2173.58	2049.52	1885.65	1755.73	1625.23	1505.84	1167.11	1167.11
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	1097.30	911.55	763.89	585.87	457.82	347.68	257.67	177.97	141.68
45.0	1340.22	1173.43	1033.57	885.50	745.64	581.19	460.63	350.61	302.03
90.0	1138.32	1068.80	926.65	785.02	619.75	497.03	383.67	260.02	186.51
135.0	1366.56	1242.49	1062.24	918.86	775.48	606.94	482.87	368.75	317.84
180.0	1238.98	1116.08	975.04	780.75	639.12	500.43	383.97	309.06	309.06
225.0	976.62	835.23	693.96	530.04	412.64	308.41	205.06	155.08	127.75
270.0	1073.95	942.27	801.82	630.35	512.72	395.67	316.08	316.08	145.60
315.0	955.56	776.42	636.37	507.33	363.72	267.39	194.06	149.99	122.31
360.0	1097.30	911.55	763.89	585.87	457.82	347.68	257.67	177.97	141.68
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	122.19	108.91	96.97	89.36	83.04	77.19	70.52	65.72	60.45
45.0	302.03	137.53	116.34	104.76	93.93	86.91	80.64	75.03	68.82
90.0	143.91	119.50	106.86	97.32	87.90	81.35	75.44	68.82	64.26
135.0	317.84	146.66	126.88	110.26	100.42	92.23	83.57	77.37	71.75
180.0	151.28	124.30	109.85	99.20	88.90	81.93	74.03	68.59	63.61
225.0	108.15	96.97	88.54	81.58	73.86	68.41	63.67	59.34	54.84
270.0	123.66	105.57	94.98	86.91	80.00	72.39	66.95	62.44	57.41
315.0	108.56	98.14	90.07	81.70	75.73	70.34	64.37	60.22	56.47
360.0	122.19	108.91	96.97	89.36	83.04	77.19	70.52	65.72	60.45

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	56.71	53.20	49.28	46.41	43.72	40.61	38.39	36.34	34.41
45.0	64.32	60.22	56.59	52.20	49.04	45.94	42.49	39.97	37.63
90.0	59.99	56.24	51.85	48.69	45.71	42.90	39.74	37.45	35.29
135.0	65.37	60.98	57.06	53.31	49.16	46.00	43.13	40.50	37.45
180.0	59.28	54.54	51.03	47.87	45.06	41.84	39.50	37.28	34.70
225.0	51.62	48.69	45.30	42.78	39.91	37.86	35.76	33.42	31.66
270.0	53.90	49.92	47.05	44.36	41.90	39.15	37.04	35.11	33.24
315.0	52.32	49.28	46.53	43.25	40.91	38.80	36.69	34.24	32.42
360.0	56.71	53.20	49.28	46.41	43.72	40.61	38.39	36.34	34.41
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	32.13	30.43	28.85	27.51	25.87	24.70	23.35	22.30	21.24
45.0	34.94	32.95	31.19	29.20	27.74	26.45	25.28	23.76	22.65
90.0	32.77	31.02	28.91	27.51	26.10	24.93	23.53	22.53	21.42
135.0	35.29	32.83	31.02	29.44	27.62	26.28	25.05	23.94	22.59
180.0	32.83	31.08	29.14	27.62	26.34	24.81	23.70	22.65	21.65
225.0	30.02	28.50	26.74	25.57	24.46	23.35	22.12	21.07	20.01
270.0	31.13	29.50	28.09	26.80	25.34	24.23	23.00	21.95	20.89
315.0	30.72	29.14	27.39	26.16	24.81	23.82	22.77	21.48	20.42
360.0	32.13	30.43	28.85	27.51	25.87	24.70	23.35	22.30	21.24
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	19.90	18.90	17.91	17.15	17.62	19.02	20.89	22.71	23.94
45.0	21.48	20.37	18.96	17.97	16.68	15.74	15.10	14.51	14.22
90.0	20.31	19.02	17.97	17.03	15.98	14.98	14.51	14.05	13.75
135.0	21.54	20.42	19.43	18.20	17.09	16.04	15.22	14.69	14.40
180.0	20.25	19.20	18.20	17.26	15.98	15.27	14.86	15.16	15.51
225.0	18.67	17.73	16.62	15.45	14.81	14.40	13.99	13.69	13.40
270.0	19.55	18.55	17.62	16.44	15.80	15.45	15.22	14.98	15.04
315.0	19.31	18.14	17.03	16.33	15.86	16.04	16.80	18.08	20.01
360.0	19.90	18.90	17.91	17.15	17.62	19.02	20.89	22.71	23.94
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	23.88	23.47	23.23	22.88	22.06	21.42	19.90	17.03	12.82
45.0	13.87	13.58	13.23	12.99	12.70	12.47	12.17	11.94	11.82
90.0	13.46	13.11	12.87	12.70	12.47	12.29	12.17	12.06	11.94
135.0	13.99	13.69	13.40	13.34	13.28	13.17	13.11	12.93	12.93
180.0	15.68	15.57	15.10	14.57	14.05	13.46	12.93	12.35	11.76
225.0	13.11	12.76	12.47	12.23	12.00	11.70	11.53	11.47	11.35
270.0	15.22	15.33	15.63	15.74	15.27	14.86	14.34	13.52	12.41
315.0	21.95	22.71	23.00	22.53	21.13	19.96	17.03	14.57	12.52
360.0	23.88	23.47	23.23	22.88	22.06	21.42	19.90	17.03	12.82
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	11.82	11.59	11.59	10.83	10.30	10.07	9.60	8.84	8.54
45.0	11.70	11.76	11.76	11.82	11.41	10.42	9.71	9.54	8.90
90.0	11.82	11.70	11.59	11.41	10.53	9.71	9.54	9.36	8.66
135.0	12.76	12.11	11.70	11.59	11.06	10.12	9.60	9.54	8.95
180.0	11.47	11.29	11.18	11.00	10.30	9.66	9.42	8.95	8.54
225.0	11.24	11.24	11.06	10.24	9.71	9.60	8.95	8.54	8.60
270.0	11.53	11.35	11.41	10.94	10.36	9.77	9.54	8.78	8.54
315.0	11.70	11.53	11.12	10.59	10.53	9.66	9.01	8.54	8.66
360.0	11.82	11.59	11.59	10.83	10.30	10.07	9.60	8.84	8.54

Intensity data(cd)

C/γ(°)	90.0
0.0	8.60
45.0	8.54
90.0	8.49
135.0	8.54
180.0	8.49
225.0	8.72
270.0	8.78
315.0	8.84
360.0	8.60