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NT

Client:

LumCAT: 2-2684-L

Luminaire: 92.70.412.00

Report No: 2024320-B004

Ballast type: AC

Test No: 2024320-C004

Voltage(V): 35.150

LampCAT: Fortimo_SLM_C_1205

Current(A): 0.451

Lamp flux(lm): 2717.0

Power (W): 15.852

Number of Lamps: 1

PF: 0.000

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 2312.78, Efficiency(%): 85.12% , Luminous Efficacy(lm/W): 145.90

Central intensity(cd): 5389.250, Maximum intensity(cd): 5389.250

Angle of maximum intensity: C=0.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=34.2

[C90/270]Total=34.2

Field angle(10%Imax): [C0/180]Total=64.4

[C90/270]Total=64.4

Maximum s/h(1/2): C0_180=0.56 C90_270=0.56

Maximum s/h(1/4): C0_180=0.59 C90_270=0.59

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 85.12%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 98.000%

Equipment: GMS1980
Temperature(°C): 25.0

Date: 2024/3/20
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	5389.249	0.000	0	0.00%	0.00%
1.0	5373.302	5.150	5.15	0.19%	0.22%
2.0	5329.703	15.362	20.512	0.57%	0.89%
3.0	5258.744	25.324	45.836	0.93%	1.98%
4.0	5158.232	34.869	80.705	1.28%	3.49%
5.0	5041.333	43.878	124.583	1.61%	5.39%
6.0	4918.363	52.341	176.924	1.93%	7.65%
7.0	4781.274	60.205	237.129	2.22%	10.25%
8.0	4622.458	67.301	304.43	2.48%	13.16%
9.0	4447.988	73.511	377.941	2.71%	16.34%
10.0	4263.423	78.835	456.776	2.90%	19.75%
11.0	4065.251	83.221	539.996	3.06%	23.35%
12.0	3864.592	86.685	626.681	3.19%	27.10%
13.0	3631.965	88.965	715.646	3.27%	30.94%
14.0	3396.266	89.961	805.607	3.31%	34.83%
15.0	3164.663	90.071	895.678	3.32%	38.73%
16.0	2932.328	89.338	985.016	3.29%	42.59%
17.0	2715.283	87.948	1072.965	3.24%	46.39%
18.0	2508.187	86.124	1159.088	3.17%	50.12%
19.0	2323.182	84.056	1243.144	3.09%	53.75%
20.0	2145.493	81.789	1324.934	3.01%	57.29%
21.0	1975.924	79.140	1404.073	2.91%	60.71%
22.0	1826.912	76.420	1480.493	2.81%	64.01%
23.0	1683.385	73.656	1554.148	2.71%	67.20%
24.0	1539.054	70.454	1624.602	2.59%	70.24%
25.0	1325.169	65.126	1689.728	2.40%	73.06%
26.0	1241.284	60.581	1750.31	2.23%	75.68%
27.0	1141.408	58.293	1808.603	2.15%	78.20%
28.0	1020.011	54.723	1863.326	2.01%	80.57%
29.0	900.522	50.247	1913.572	1.85%	82.74%
30.0	780.580	45.389	1958.962	1.67%	84.70%
31.0	663.857	40.197	1999.158	1.48%	86.44%
32.0	559.058	35.035	2034.193	1.29%	87.95%
33.0	460.477	30.036	2064.229	1.11%	89.25%
34.0	379.599	25.423	2089.652	0.94%	90.35%
35.0	318.128	21.669	2111.321	0.80%	91.29%
36.0	276.146	18.922	2130.243	0.70%	92.11%
37.0	255.092	17.326	2147.569	0.64%	92.86%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	190.988	14.890	2162.458	0.55%	93.50%
39.0	156.123	11.848	2174.306	0.44%	94.01%
40.0	132.085	10.052	2184.358	0.37%	94.45%
41.0	110.454	8.637	2192.995	0.32%	94.82%
42.0	95.150	7.470	2200.465	0.27%	95.14%
43.0	81.449	6.542	2207.006	0.24%	95.43%
44.0	70.885	5.750	2212.756	0.21%	95.68%
45.0	62.765	5.136	2217.892	0.19%	95.90%
46.0	56.269	4.655	2222.547	0.17%	96.10%
47.0	51.141	4.272	2226.819	0.16%	96.28%
48.0	47.411	3.984	2230.803	0.15%	96.46%
49.0	44.192	3.762	2234.565	0.14%	96.62%
50.0	41.236	3.562	2238.127	0.13%	96.77%
51.0	38.815	3.387	2241.514	0.12%	96.92%
52.0	36.774	3.244	2244.757	0.12%	97.06%
53.0	34.777	3.112	2247.87	0.11%	97.19%
54.0	32.926	2.984	2250.854	0.11%	97.32%
55.0	31.236	2.864	2253.718	0.11%	97.45%
56.0	29.722	2.755	2256.473	0.10%	97.57%
57.0	28.281	2.652	2259.125	0.10%	97.68%
58.0	26.986	2.556	2261.68	0.09%	97.79%
59.0	25.713	2.464	2264.144	0.09%	97.90%
60.0	24.506	2.373	2266.517	0.09%	98.00%
61.0	23.438	2.288	2268.805	0.08%	98.10%
62.0	22.458	2.212	2271.016	0.08%	98.19%
63.0	21.500	2.138	2273.154	0.08%	98.29%
64.0	20.593	2.065	2275.22	0.08%	98.38%
65.0	19.781	1.998	2277.218	0.07%	98.46%
66.0	19.034	1.937	2279.154	0.07%	98.55%
67.0	18.318	1.878	2281.032	0.07%	98.63%
68.0	17.630	1.821	2282.853	0.07%	98.71%
69.0	17.052	1.769	2284.623	0.07%	98.78%
70.0	16.452	1.721	2286.343	0.06%	98.86%
71.0	15.903	1.672	2288.016	0.06%	98.93%
72.0	15.362	1.626	2289.641	0.06%	99.00%
73.0	14.887	1.582	2291.223	0.06%	99.07%
74.0	14.455	1.543	2292.766	0.06%	99.13%
75.0	14.016	1.504	2294.27	0.06%	99.20%

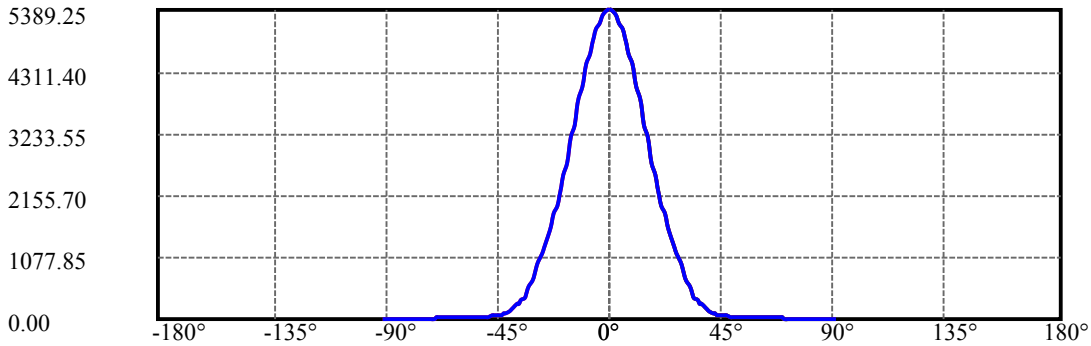
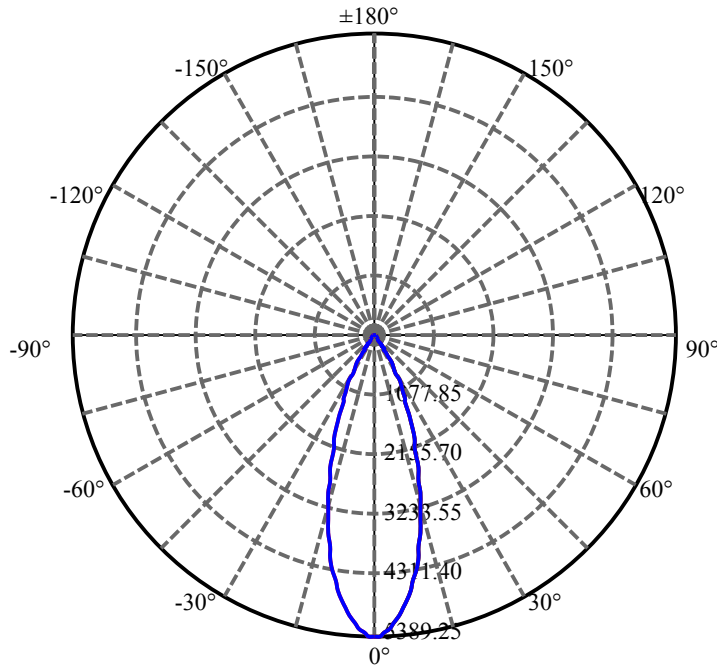
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	13.606	1.466	2295.736	0.05%	99.26%
77.0	13.248	1.432	2297.168	0.05%	99.33%
78.0	12.926	1.401	2298.569	0.05%	99.39%
79.0	12.524	1.367	2299.937	0.05%	99.44%
80.0	12.107	1.328	2301.265	0.05%	99.50%
81.0	11.800	1.293	2302.557	0.05%	99.56%
82.0	11.478	1.262	2303.82	0.05%	99.61%
83.0	11.024	1.223	2305.043	0.05%	99.67%
84.0	10.615	1.179	2306.222	0.04%	99.72%
85.0	10.380	1.146	2307.368	0.04%	99.77%
86.0	10.146	1.122	2308.49	0.04%	99.81%
87.0	9.912	1.098	2309.587	0.04%	99.86%
88.0	9.759	1.078	2310.665	0.04%	99.91%
89.0	9.605	1.061	2311.726	0.04%	99.95%
90.0	9.576	1.052	2312.778	0.04%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	1958.96	72.10%	84.70%
0-40	2184.36	80.40%	94.45%
0-60	2266.52	83.42%	98.00%
0-90	2311.73	85.08%	99.95%
0-120	2311.73	85.08%	99.95%
0-180	2312.78	85.12%	100.00%
60-90	45.21	1.66%	1.95%
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%
0-27.76	1850.22	68.10%	80.00%

ZONAL LUMEN SUMMARY

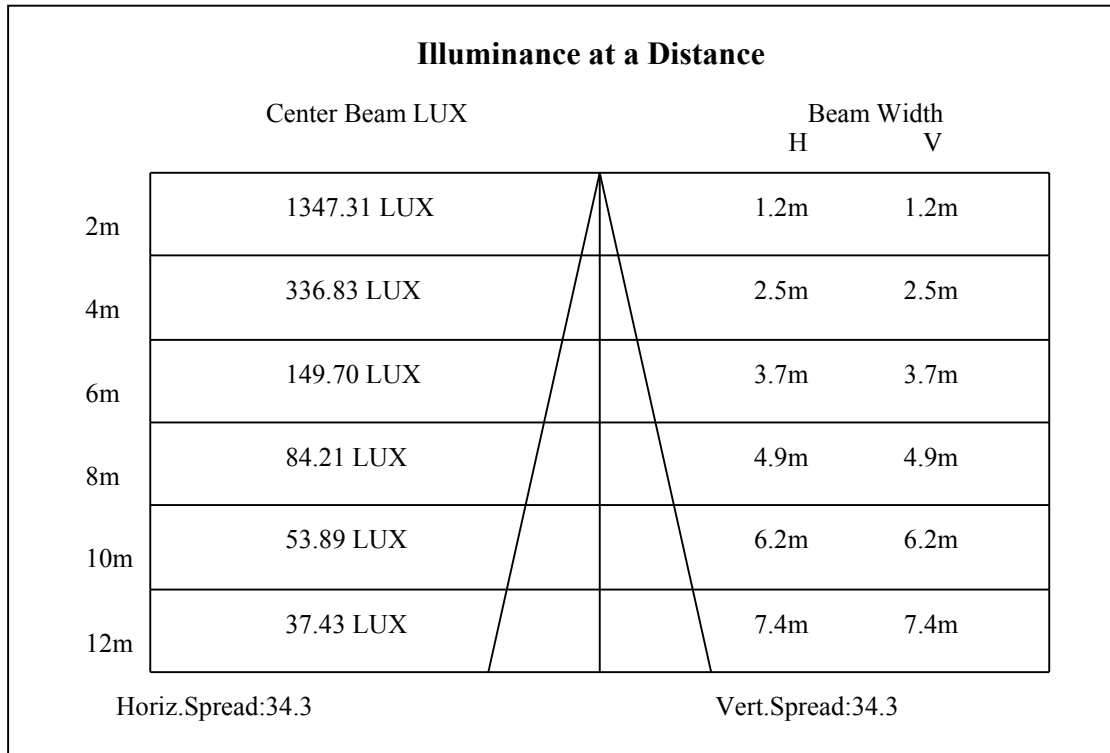
0-10	456.78
10-20	868.16
20-30	634.03
30-40	225.40
40-50	53.77
50-60	28.39
60-70	19.83
70-80	14.92
80-90	10.46
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

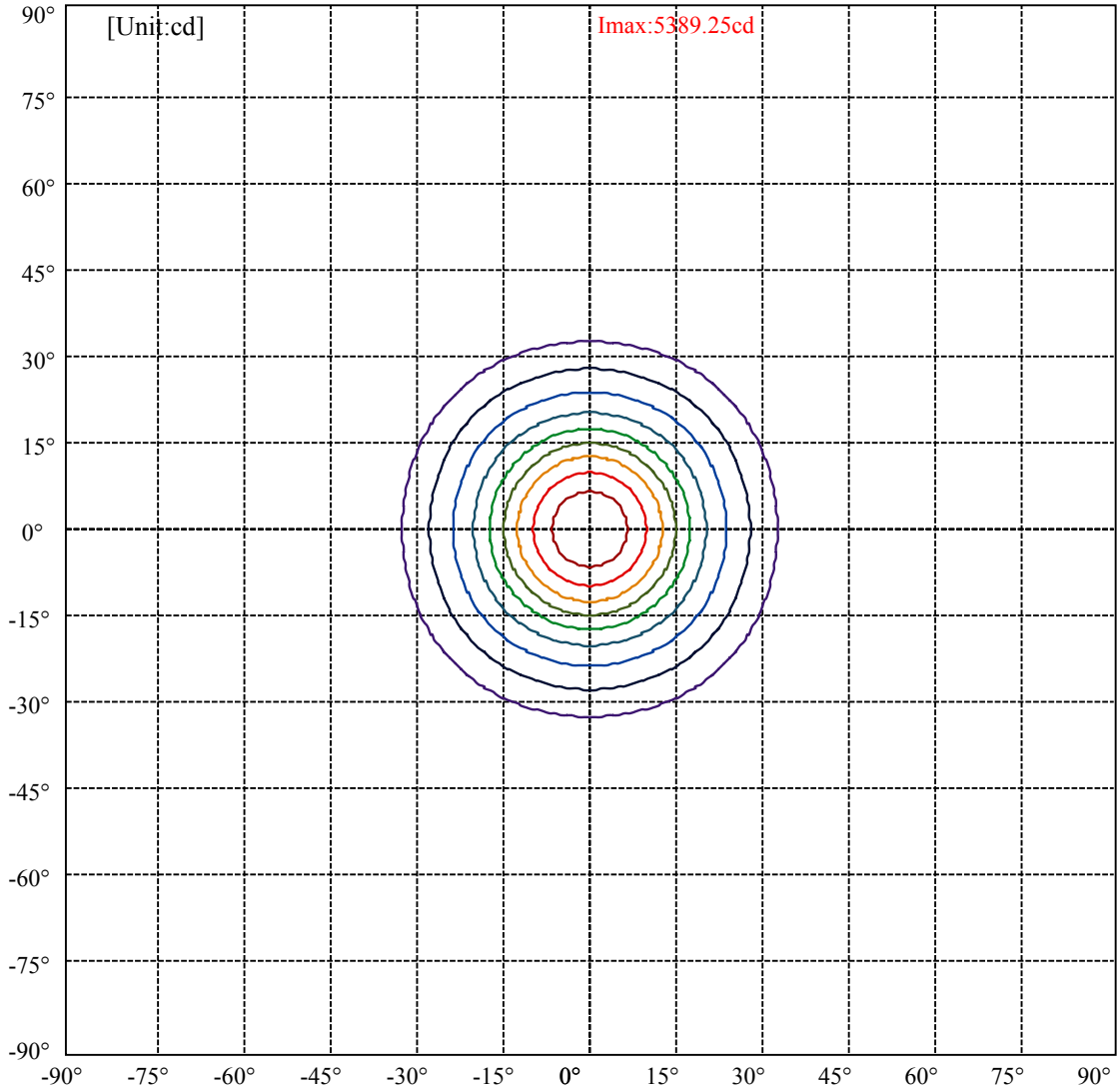


C0(Max): —————
C0/C180: —————
C90/C270: —————

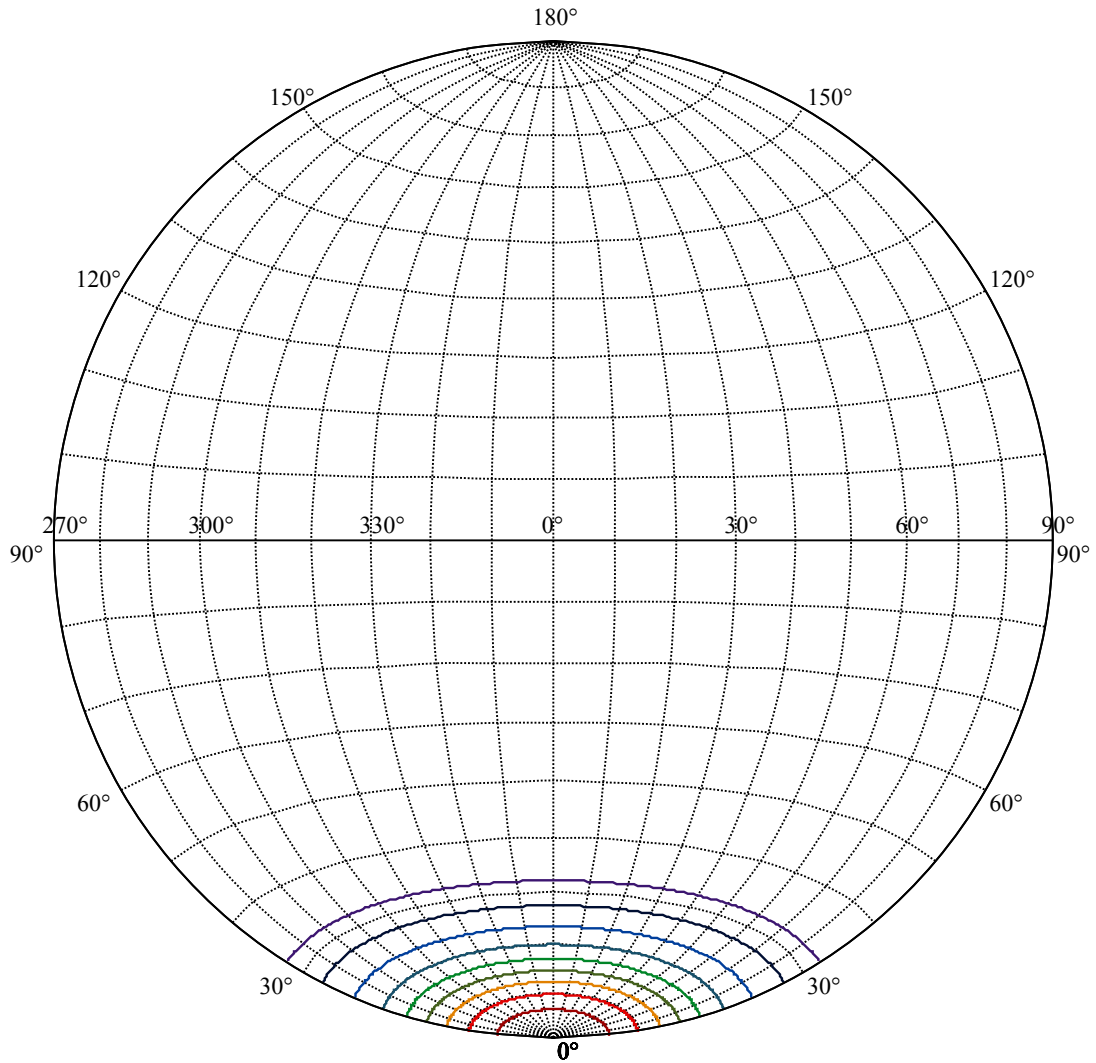
Field angle(10%Imax):C0/180Left:32.2 Right:32.2
:C90/270Left:32.2 Right:32.2

Beam Angle(50%Imax):C0/180Left:17.1 Right:17.1
:C90/270Left:17.1 Right:17.1





(10%Imax)	538.925	—
(20%Imax)	1077.85	—
(30%Imax)	1616.77	—
(40%Imax)	2155.7	—
(50%Imax)	2694.62	—
(60%Imax)	3233.55	—
(70%Imax)	3772.47	—
(80%Imax)	4311.4	—
(90%Imax)	4850.32	—



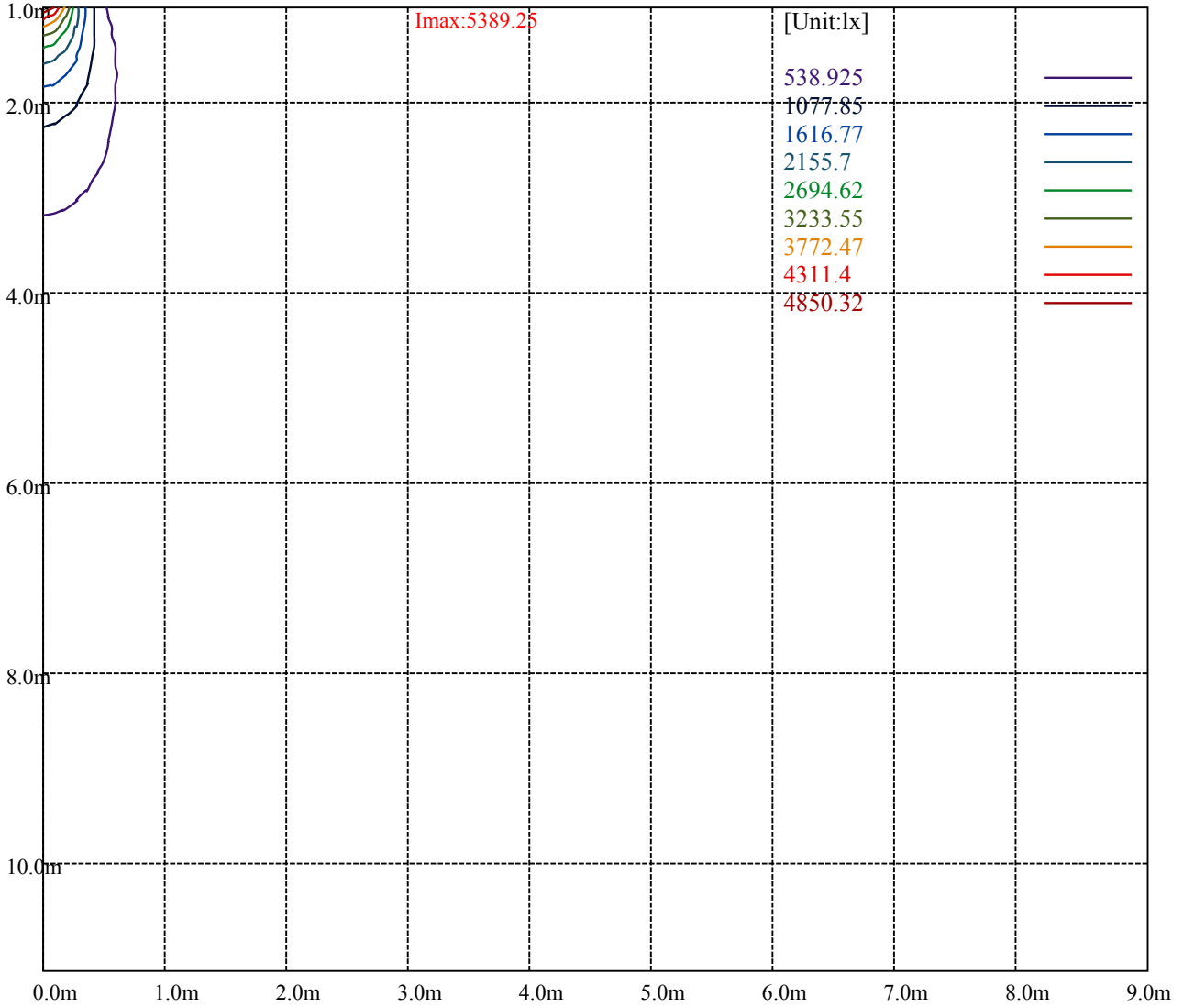
House

[Unit:cd]

Road

Imax:5389.25

- (10%Imax) 538.925
- (20%Imax) 1077.85
- (30%Imax) 1616.77
- (40%Imax) 2155.7
- (50%Imax) 2694.62
- (60%Imax) 3233.55
- (70%Imax) 3772.47
- (80%Imax) 4311.4
- (90%Imax) 4850.32



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

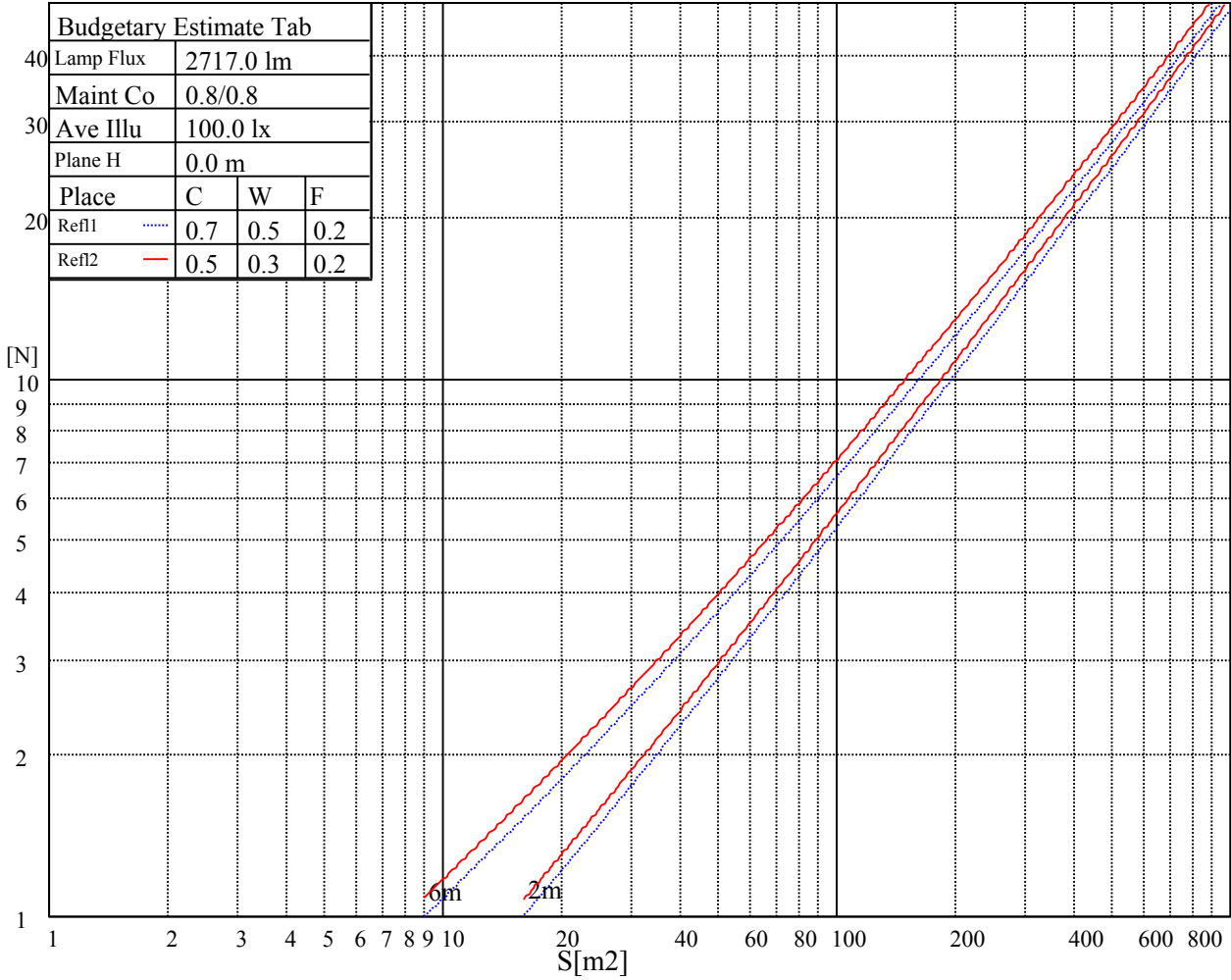
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

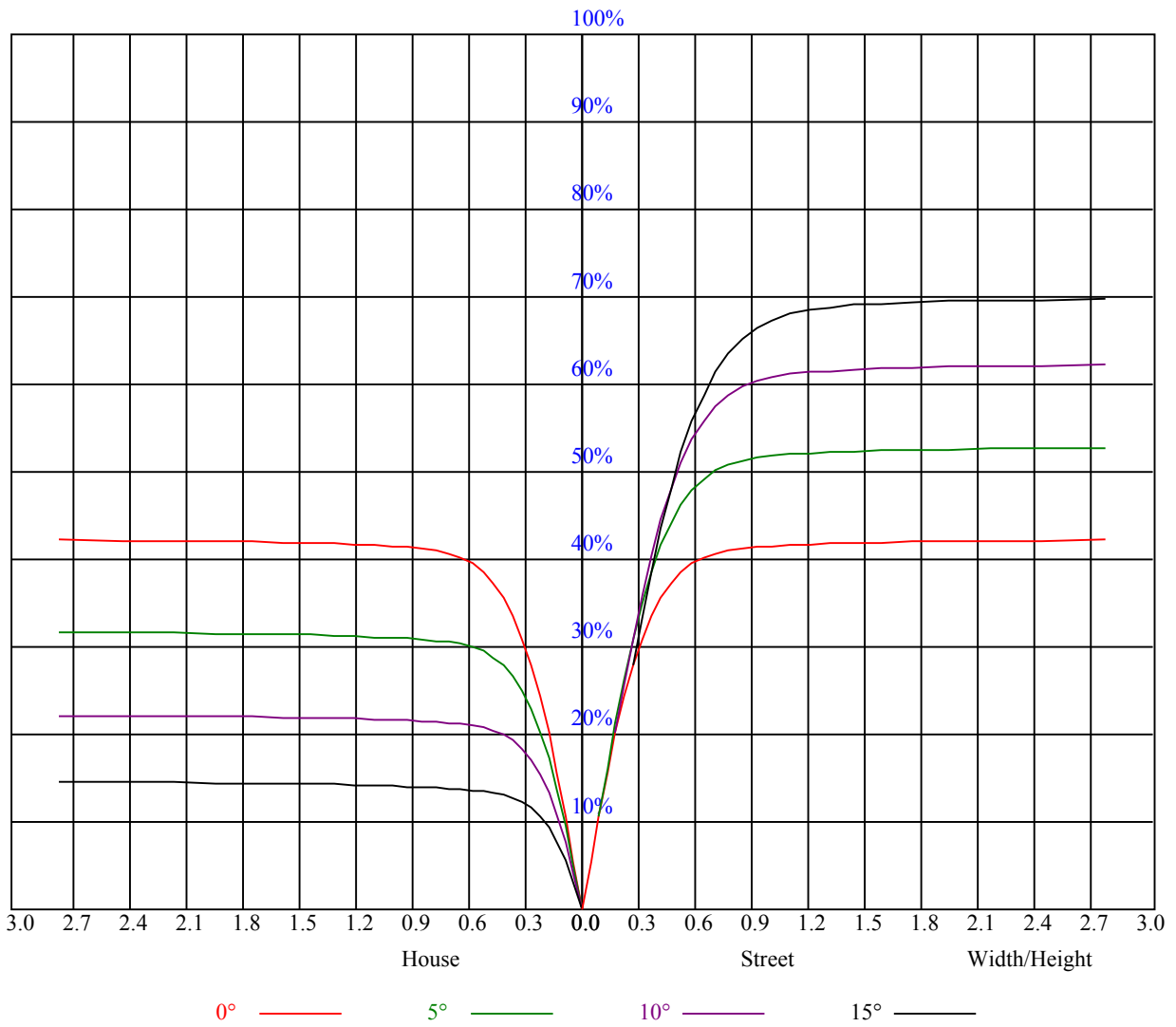


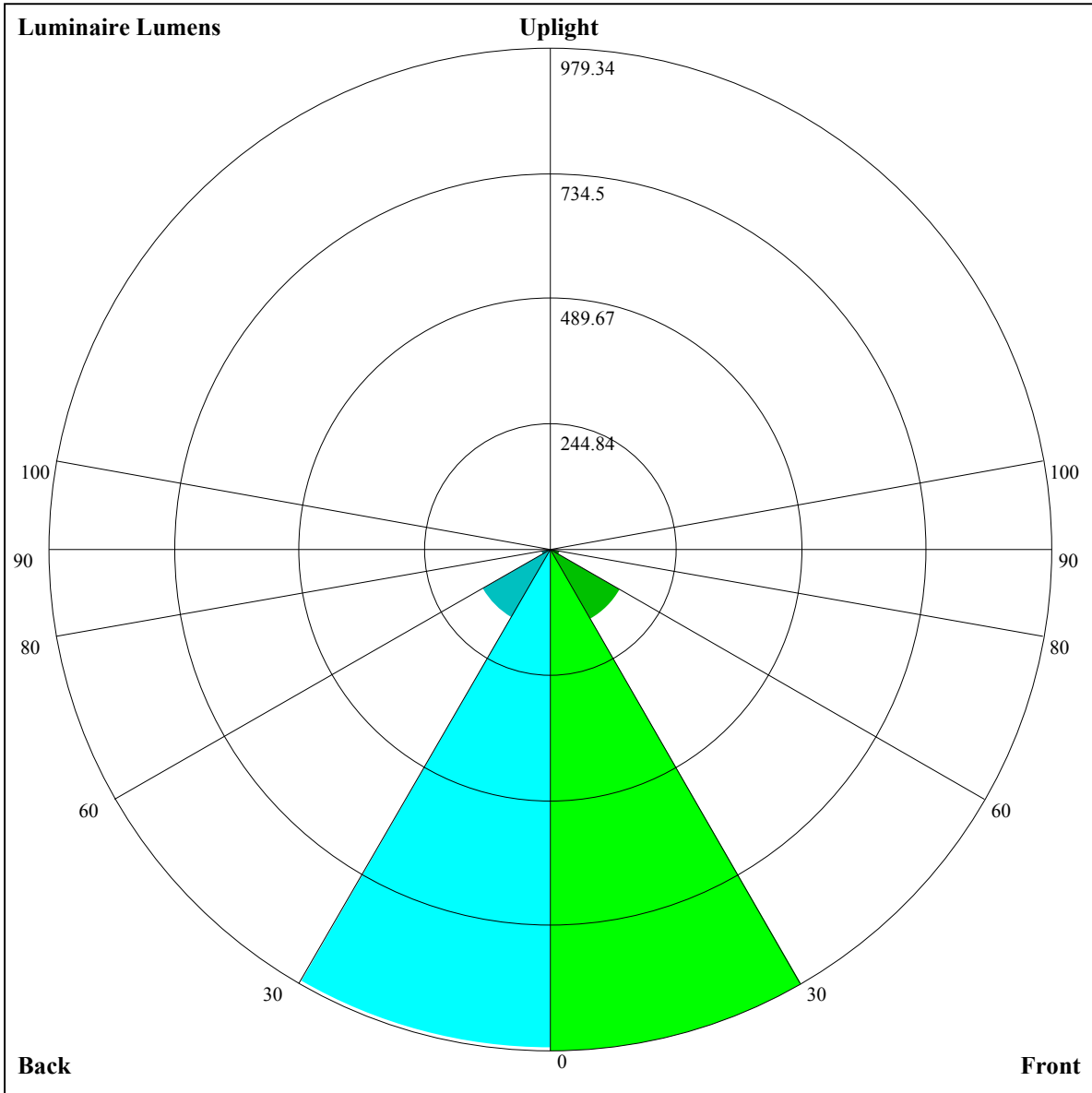
Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	3H	非数字	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	1.01	1.01	1.01	0.99	0.99	0.99	0.95	0.95	0.95	0.91	0.91	0.91	0.87	0.87	0.87	0.85
1	0.95	0.93	0.91	0.93	0.91	0.89	0.89	0.88	0.87	0.86	0.85	0.84	0.83	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	0.79	0.80	0.78	0.77	0.76
3	0.84	0.80	0.77	0.83	0.79	0.76	0.81	0.78	0.75	0.79	0.76	0.74	0.77	0.75	0.73	0.72
4	0.79	0.75	0.72	0.78	0.75	0.72	0.77	0.73	0.71	0.75	0.72	0.70	0.74	0.71	0.69	0.68
5	0.75	0.71	0.68	0.75	0.71	0.68	0.73	0.70	0.67	0.72	0.69	0.66	0.71	0.68	0.66	0.65
6	0.72	0.67	0.64	0.71	0.67	0.64	0.70	0.66	0.63	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	0.60	0.66	0.63	0.60	0.65	0.62	0.60	0.59
8	0.65	0.61	0.58	0.65	0.61	0.58	0.64	0.60	0.58	0.63	0.60	0.57	0.63	0.59	0.57	0.56
9	0.63	0.58	0.55	0.62	0.58	0.55	0.62	0.58	0.55	0.61	0.57	0.55	0.60	0.57	0.55	0.54
10	0.60	0.56	0.53	0.60	0.56	0.53	0.59	0.55	0.53	0.59	0.55	0.53	0.58	0.55	0.53	0.52





Luminaire Lumens:

FL=979.34,FM=156.72,FH=17.43,FVH=5.77

BL=973.23,BM=154.26,BH=17.31,BVH=5.76

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	5394.08	5359.55	5309.22	5227.87	5143.02	5018.95	4897.81	4734.53	4585.88
45.0	5380.62	5405.78	5400.51	5358.96	5271.77	5147.70	5042.94	4918.29	4781.35
90.0	5415.15	5420.41	5385.30	5295.76	5162.91	5046.45	4908.93	4761.45	4549.01
135.0	5367.16	5395.83	5387.05	5335.55	5212.66	5109.66	4997.29	4862.11	4677.76
180.0	5394.08	5392.32	5355.45	5279.96	5166.42	5068.69	4956.33	4819.97	4638.55
225.0	5380.62	5312.73	5230.80	5145.94	5054.06	4907.76	4777.25	4642.65	4498.10
270.0	5415.15	5376.52	5325.02	5256.55	5165.25	5080.40	4940.53	4814.12	4692.98
315.0	5367.16	5323.27	5244.26	5169.35	5089.76	4951.06	4825.82	4697.07	4556.04
360.0	5394.08	5359.55	5309.22	5227.87	5143.02	5018.95	4897.81	4734.53	4585.88
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	4432.55	4223.63	4036.36	3829.77	3614.99	3342.28	3127.50	2914.48	2710.82
45.0	4591.15	4423.77	4248.79	4073.22	3831.53	3624.36	3401.97	3176.66	2901.60
90.0	4367.59	4182.66	3949.16	3749.01	3541.25	3265.61	3042.06	2775.20	2578.56
135.0	4514.48	4338.33	4159.25	3985.44	3741.99	3538.33	3259.18	3034.45	2823.18
180.0	4485.81	4321.95	4105.41	3914.63	3654.20	3427.14	3202.41	2936.72	2723.11
225.0	4290.93	4104.24	3900.00	3645.43	3430.65	3219.97	2963.05	2760.56	2517.70
270.0	4552.52	4344.18	4149.89	3952.08	3746.08	3474.54	3256.25	3047.91	2847.76
315.0	4348.87	4168.62	3973.15	3767.15	3495.02	3277.90	3064.88	2812.65	2619.53
360.0	4432.55	4223.63	4036.36	3829.77	3614.99	3342.28	3127.50	2914.48	2710.82
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	2476.73	2306.43	2151.35	1959.98	1812.50	1674.39	1509.35	1295.75	1138.50
45.0	2695.02	2459.17	2292.97	2098.09	1944.76	1797.87	1661.51	1499.99	1370.66
90.0	2399.48	2236.20	2046.59	1897.94	1754.56	1615.86	1449.66	1143.30	1143.30
135.0	2581.49	2403.58	2238.54	2044.25	1894.43	1751.05	1612.35	1446.15	1319.16
180.0	2532.91	2357.93	2145.49	1996.26	1848.20	1713.01	1541.54	1423.91	1296.33
225.0	2335.11	2168.90	2009.72	1824.20	1689.02	1558.51	1432.10	1157.17	1157.17
270.0	2607.82	2425.23	2208.11	2060.64	1917.84	1734.08	1611.18	1478.92	1349.00
315.0	2436.94	2228.01	2071.17	1926.03	1753.98	1622.30	1494.72	1156.17	1156.17
360.0	2476.73	2306.43	2151.35	1959.98	1812.50	1674.39	1509.35	1295.75	1138.50
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	1107.60	988.27	875.26	767.35	636.26	538.29	451.38	362.20	306.42
45.0	1246.59	1123.69	1007.23	868.53	761.44	660.19	541.39	455.36	368.17
90.0	1085.36	941.45	835.53	731.18	605.47	511.55	410.94	346.45	293.43
135.0	1198.60	1083.90	945.78	839.27	733.35	604.60	512.13	412.06	348.27
180.0	1157.05	1032.40	920.03	778.41	666.63	568.31	452.44	381.63	323.69
225.0	1040.88	924.42	783.73	675.47	572.12	460.57	389.17	318.42	272.07
270.0	1196.84	1078.63	963.34	849.81	708.77	601.08	503.35	403.28	340.66
315.0	1098.35	987.33	873.27	734.63	626.83	527.87	423.00	357.40	292.32
360.0	1107.60	988.27	875.26	767.35	636.26	538.29	451.38	362.20	306.42
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	260.83	222.33	181.19	153.97	126.58	108.50	93.52	81.52	69.64
45.0	311.98	299.69	243.92	178.38	150.64	122.84	109.38	90.30	78.30
90.0	248.95	203.37	171.94	145.08	123.60	101.36	87.14	75.55	66.07
135.0	307.30	307.30	197.86	166.38	140.28	114.70	98.32	84.74	73.74
180.0	299.11	299.11	190.72	162.17	138.05	113.18	97.44	84.68	71.98
225.0	231.40	197.05	167.43	136.94	117.10	100.54	83.80	73.56	65.43
270.0	302.03	302.03	197.22	161.41	137.47	117.45	101.01	84.74	74.15
315.0	247.55	209.86	177.62	144.67	122.96	105.05	90.59	76.49	67.77
360.0	260.83	222.33	181.19	153.97	126.58	108.50	93.52	81.52	69.64

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	62.33	55.42	51.21	47.81	44.89	41.61	39.39	37.45	35.58
45.0	68.82	61.33	54.48	50.27	46.82	43.31	40.91	38.74	36.34
90.0	57.53	52.32	47.52	44.59	42.02	39.21	37.34	35.52	33.42
135.0	64.73	56.47	51.56	46.88	43.95	41.43	38.68	36.81	35.05
180.0	64.20	56.71	52.03	48.16	45.00	41.55	39.27	37.16	35.29
225.0	57.70	53.02	49.10	45.71	42.08	39.62	37.04	35.17	33.42
270.0	65.95	59.28	53.02	49.16	45.88	42.90	39.80	37.63	35.23
315.0	60.86	55.60	50.21	46.70	42.90	40.26	38.10	35.70	33.88
360.0	62.33	55.42	51.21	47.81	44.89	41.61	39.39	37.45	35.58
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	33.36	31.84	30.26	28.79	27.15	25.93	24.52	23.53	22.59
45.0	34.59	32.54	31.02	29.55	28.21	26.74	25.57	24.46	23.41
90.0	31.84	30.37	28.91	27.33	26.16	25.11	24.05	22.88	22.06
135.0	33.01	31.49	30.08	28.73	27.45	26.04	24.93	23.88	22.71
180.0	33.12	31.54	30.02	28.32	27.15	25.98	24.64	23.64	22.53
225.0	31.78	29.85	28.56	27.27	26.10	24.70	23.70	22.53	21.59
270.0	33.47	31.89	30.02	28.62	27.27	26.16	24.70	23.64	22.71
315.0	32.25	30.37	28.91	27.62	26.39	25.05	23.94	22.94	22.06
360.0	33.36	31.84	30.26	28.79	27.15	25.93	24.52	23.53	22.59
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	21.71	20.66	19.96	19.31	18.61	17.73	17.21	16.50	15.98
45.0	22.36	21.48	20.54	19.72	19.08	18.38	17.56	17.03	16.50
90.0	20.95	20.19	19.49	18.67	17.97	17.32	16.85	16.15	15.63
135.0	21.89	21.01	20.01	19.31	18.55	17.91	17.32	16.80	16.15
180.0	21.65	20.72	19.90	19.08	18.43	17.73	17.15	16.50	16.04
225.0	20.66	19.90	19.08	18.38	17.56	17.03	16.50	15.98	15.39
270.0	21.83	20.66	19.84	19.20	18.38	17.73	17.15	16.50	16.04
315.0	20.95	20.13	19.43	18.61	17.97	17.21	16.68	16.15	15.51
360.0	21.71	20.66	19.96	19.31	18.61	17.73	17.21	16.50	15.98
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	15.45	14.98	14.51	14.10	13.64	13.34	12.99	12.64	12.17
45.0	15.86	15.33	14.92	14.40	13.99	13.64	13.28	12.93	12.52
90.0	15.16	14.69	14.22	13.87	13.46	13.05	12.76	12.35	11.82
135.0	15.57	15.10	14.69	14.16	13.81	13.46	13.11	12.76	12.35
180.0	15.45	14.98	14.51	14.10	13.64	13.28	12.93	12.47	12.11
225.0	14.92	14.51	14.10	13.58	13.28	12.99	12.64	12.11	11.82
270.0	15.45	14.86	14.46	14.10	13.69	13.23	12.93	12.64	12.17
315.0	15.04	14.63	14.22	13.81	13.34	12.99	12.76	12.29	11.88
360.0	15.45	14.98	14.51	14.10	13.64	13.34	12.99	12.64	12.17
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	11.88	11.53	11.06	10.59	10.42	10.18	9.95	9.77	9.60
45.0	12.17	11.82	11.47	10.89	10.53	10.30	10.07	9.83	9.71
90.0	11.59	11.29	10.83	10.53	10.30	10.12	9.83	9.71	9.54
135.0	11.88	11.65	11.18	10.71	10.48	10.30	10.07	9.83	9.77
180.0	11.82	11.41	11.00	10.65	10.48	10.18	9.89	9.89	9.54
225.0	11.53	11.18	10.65	10.48	10.24	9.95	9.77	9.60	9.54
270.0	11.82	11.53	11.18	10.59	10.36	10.12	9.95	9.71	9.60
315.0	11.70	11.41	10.83	10.48	10.24	10.01	9.77	9.71	9.54
360.0	11.88	11.53	11.06	10.59	10.42	10.18	9.95	9.77	9.60

Intensity data(cd)

C/γ(°)	90.0
0.0	9.54
45.0	9.54
90.0	9.60
135.0	9.54
180.0	9.71
225.0	9.60
270.0	9.54
315.0	9.54
360.0	9.54