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NT

Client:

LumCAT: 3-2834-L

Luminaire: 92.70.412.00

Report No: 2024321-B026

Ballast type: AC

Test No: 2024321-C026

Voltage(V): 35.170

LampCAT: Fortimo_SLM_C_1205

Current(A): 0.450

Lamp flux(lm): 2693.0

Power (W): 15.826

Number of Lamps: 1

PF: 0.000

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 2280.95, Efficiency(%): 84.70% , Luminous Efficacy(lm/W): 144.13

Central intensity(cd): 5322.973, Maximum intensity(cd): 5322.973

Angle of maximum intensity: C=0.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=34.8

[C90/270]Total=34.8

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

[C90/270]Total=64.8

Maximum s/h(1/2): C0_180=0.58 C90_270=0.58

Maximum s/h(1/4): C0_180=0.58 C90_270=0.58

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 84.70%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 97.970%

Equipment: GMS1980
Temperature(°C): 25.0

Date: 2024/3/21
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	5322.973	0.000	0	0.00%	0.00%
1.0	5314.853	5.090	5.09	0.19%	0.22%
2.0	5287.493	15.217	20.307	0.57%	0.89%
3.0	5243.675	25.187	45.495	0.94%	1.99%
4.0	5198.466	34.953	80.448	1.30%	3.53%
5.0	5128.019	44.424	124.872	1.65%	5.47%
6.0	5046.015	53.467	178.339	1.99%	7.82%
7.0	4942.576	61.999	240.338	2.30%	10.54%
8.0	4804.975	69.761	310.099	2.59%	13.60%
9.0	4634.894	76.505	386.604	2.84%	16.95%
10.0	4437.893	82.105	468.71	3.05%	20.55%
11.0	4237.819	86.688	555.398	3.22%	24.35%
12.0	3997.218	90.021	645.419	3.34%	28.30%
13.0	3756.910	92.022	737.441	3.42%	32.33%
14.0	3511.847	93.039	830.48	3.45%	36.41%
15.0	3258.152	92.942	923.422	3.45%	40.48%
16.0	3013.967	91.904	1015.326	3.41%	44.51%
17.0	2760.199	89.919	1105.245	3.34%	48.46%
18.0	2536.936	87.338	1192.583	3.24%	52.28%
19.0	2304.309	84.228	1276.811	3.13%	55.98%
20.0	2099.480	80.602	1357.413	2.99%	59.51%
21.0	1908.697	76.965	1434.378	2.86%	62.89%
22.0	1728.082	73.083	1507.461	2.71%	66.09%
23.0	1582.361	69.462	1576.923	2.58%	69.13%
24.0	1395.198	65.100	1642.023	2.42%	71.99%
25.0	1255.995	60.282	1702.305	2.24%	74.63%
26.0	1182.037	57.550	1759.855	2.14%	77.15%
27.0	1078.870	55.314	1815.169	2.05%	79.58%
28.0	988.760	52.348	1867.517	1.94%	81.87%
29.0	892.849	49.228	1916.745	1.83%	84.03%
30.0	797.545	45.640	1962.385	1.69%	86.03%
31.0	684.567	41.245	2003.63	1.53%	87.84%
32.0	578.517	36.186	2039.816	1.34%	89.43%
33.0	469.709	30.881	2070.697	1.15%	90.78%
34.0	366.812	25.316	2096.013	0.94%	91.89%
35.0	277.323	20.004	2116.017	0.74%	92.77%
36.0	226.233	16.033	2132.05	0.60%	93.47%
37.0	157.733	12.523	2144.573	0.47%	94.02%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	93.387	8.382	2152.955	0.31%	94.39%
39.0	81.178	5.958	2158.914	0.22%	94.65%
40.0	74.631	5.434	2164.348	0.20%	94.89%
41.0	68.610	5.101	2169.449	0.19%	95.11%
42.0	63.738	4.808	2174.257	0.18%	95.32%
43.0	59.298	4.558	2178.815	0.17%	95.52%
44.0	55.633	4.338	2183.152	0.16%	95.71%
45.0	52.048	4.138	2187.291	0.15%	95.89%
46.0	49.093	3.955	2191.246	0.15%	96.07%
47.0	46.547	3.804	2195.05	0.14%	96.23%
48.0	44.045	3.662	2198.712	0.14%	96.39%
49.0	41.931	3.531	2202.243	0.13%	96.55%
50.0	39.985	3.415	2205.658	0.13%	96.70%
51.0	38.281	3.311	2208.97	0.12%	96.84%
52.0	36.664	3.216	2212.186	0.12%	96.99%
53.0	35.121	3.123	2215.308	0.12%	97.12%
54.0	33.738	3.035	2218.343	0.11%	97.26%
55.0	32.304	2.948	2221.291	0.11%	97.38%
56.0	30.966	2.859	2224.15	0.11%	97.51%
57.0	29.590	2.769	2226.919	0.10%	97.63%
58.0	28.259	2.675	2229.594	0.10%	97.75%
59.0	26.855	2.577	2232.171	0.10%	97.86%
60.0	25.633	2.480	2234.651	0.09%	97.97%
61.0	24.455	2.390	2237.041	0.09%	98.08%
62.0	23.175	2.295	2239.336	0.09%	98.18%
63.0	22.158	2.205	2241.541	0.08%	98.27%
64.0	21.061	2.121	2243.662	0.08%	98.37%
65.0	20.198	2.042	2245.703	0.08%	98.45%
66.0	19.305	1.971	2247.674	0.07%	98.54%
67.0	18.457	1.899	2249.573	0.07%	98.62%
68.0	17.747	1.834	2251.407	0.07%	98.70%
69.0	17.015	1.773	2253.18	0.07%	98.78%
70.0	16.372	1.715	2254.895	0.06%	98.86%
71.0	15.735	1.659	2256.555	0.06%	98.93%
72.0	15.099	1.603	2258.158	0.06%	99.00%
73.0	14.587	1.552	2259.71	0.06%	99.07%
74.0	14.075	1.507	2261.217	0.06%	99.13%
75.0	13.614	1.463	2262.68	0.05%	99.20%

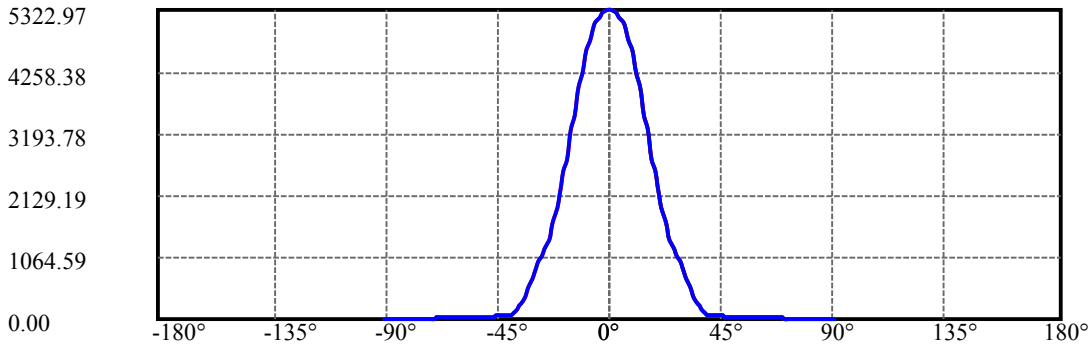
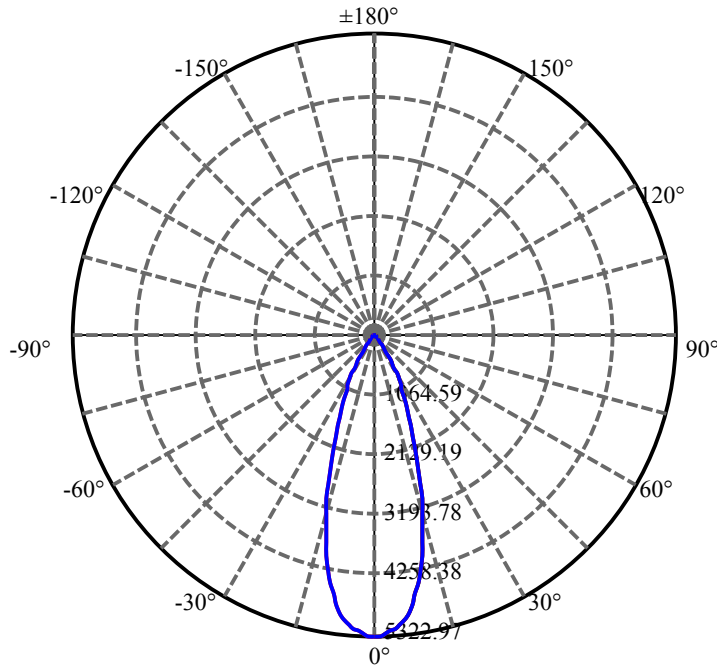
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	13.197	1.423	2264.103	0.05%	99.26%
77.0	12.809	1.387	2265.49	0.05%	99.32%
78.0	12.473	1.353	2266.843	0.05%	99.38%
79.0	12.136	1.322	2268.165	0.05%	99.44%
80.0	11.822	1.292	2269.457	0.05%	99.50%
81.0	11.507	1.262	2270.718	0.05%	99.55%
82.0	11.214	1.232	2271.951	0.05%	99.61%
83.0	10.922	1.203	2273.154	0.04%	99.66%
84.0	10.666	1.176	2274.33	0.04%	99.71%
85.0	10.432	1.151	2275.481	0.04%	99.76%
86.0	10.241	1.130	2276.611	0.04%	99.81%
87.0	10.029	1.109	2277.721	0.04%	99.86%
88.0	9.868	1.090	2278.811	0.04%	99.91%
89.0	9.722	1.074	2279.885	0.04%	99.95%
90.0	9.664	1.063	2280.947	0.04%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	1962.39	72.87%	86.03%
0-40	2164.35	80.37%	94.89%
0-60	2234.65	82.98%	97.97%
0-90	2279.88	84.66%	99.95%
0-120	2279.88	84.66%	99.95%
0-180	2280.95	84.70%	100.00%
60-90	45.23	1.68%	1.98%
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%
0-27.18	1824.76	67.76%	80.00%

ZONAL LUMEN SUMMARY

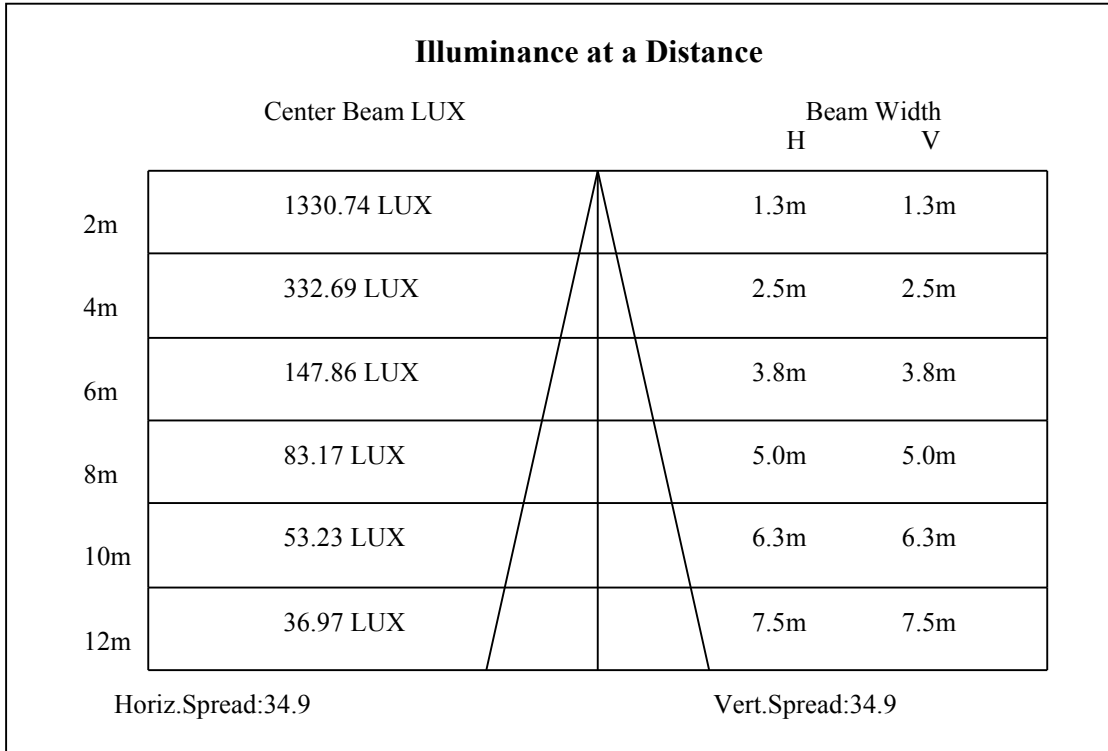
0-10	468.71
10-20	888.70
20-30	604.97
30-40	201.96
40-50	41.31
50-60	28.99
60-70	20.24
70-80	14.56
80-90	10.43
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

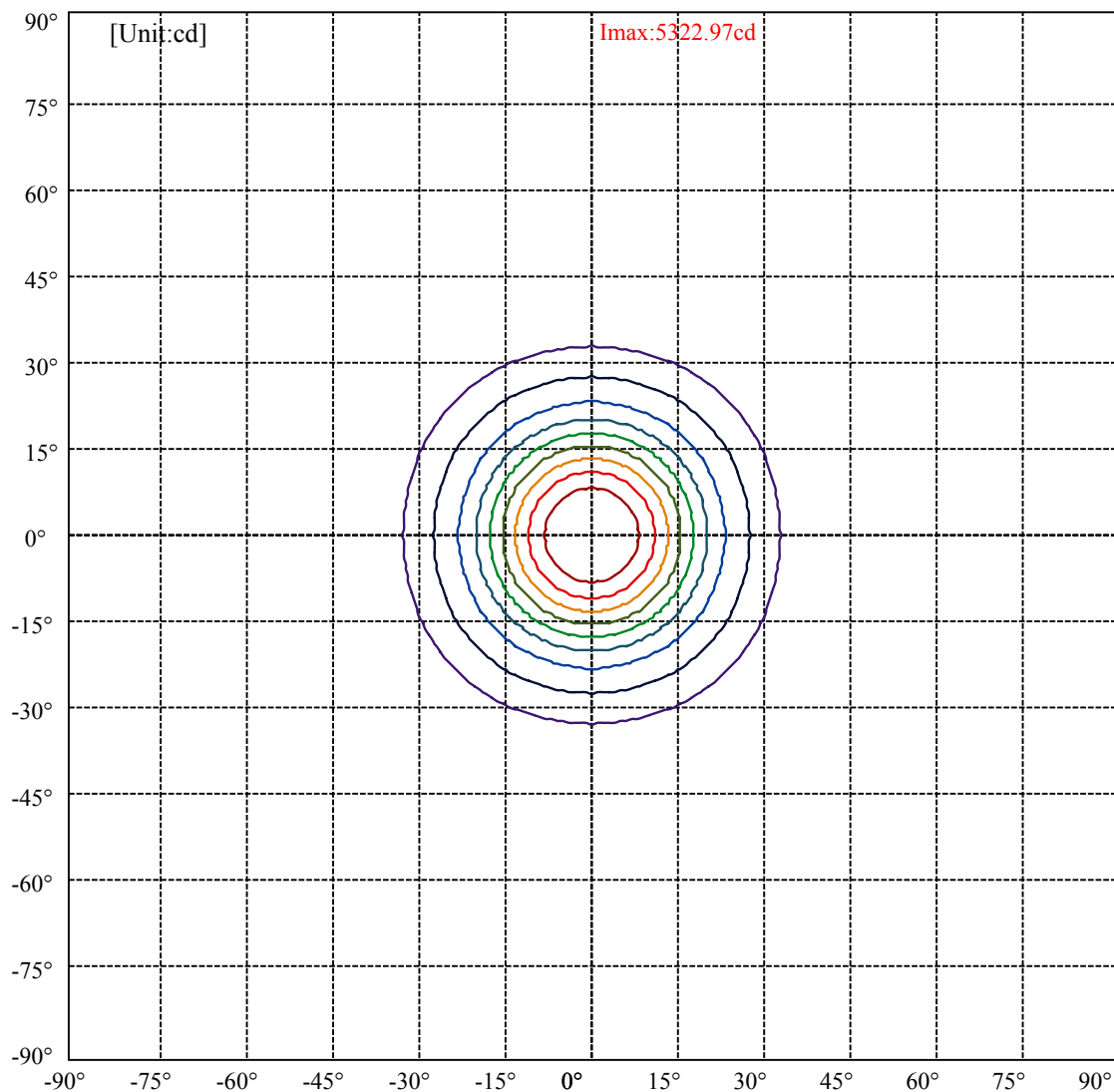


C0(Max): —————
C0/C180: —————
C90/C270: —————

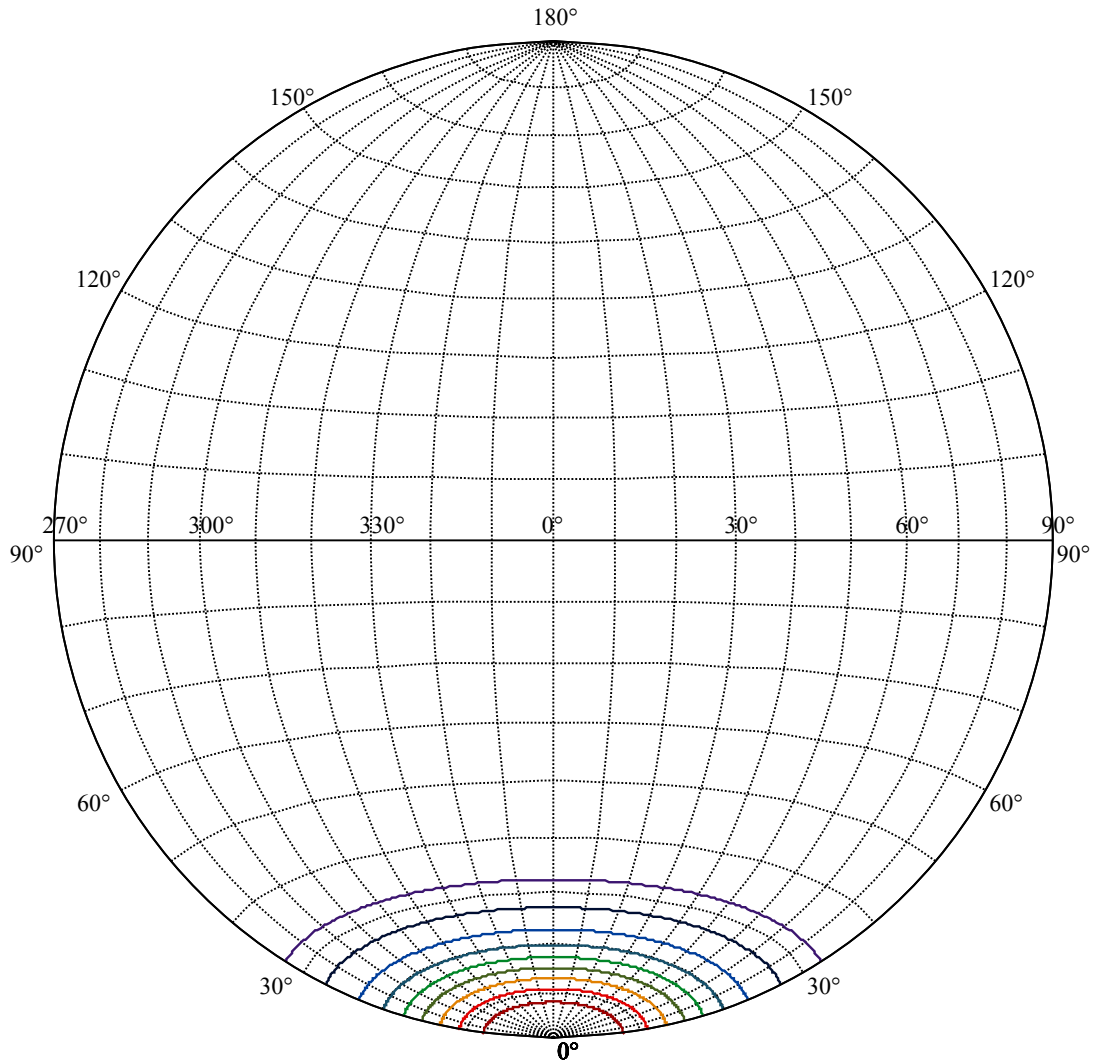
Field angle(10%Imax):C0/180Left:32.4 Right:32.4
:C90/270Left:32.4 Right:32.4

Beam Angle(50%Imax):C0/180Left:17.4 Right:17.4
:C90/270Left:17.4 Right:17.4





(10%Imax) 532.297	—
(20%Imax) 1064.59	—
(30%Imax) 1596.89	—
(40%Imax) 2129.19	—
(50%Imax) 2661.49	—
(60%Imax) 3193.78	—
(70%Imax) 3726.08	—
(80%Imax) 4258.38	—
(90%Imax) 4790.68	—



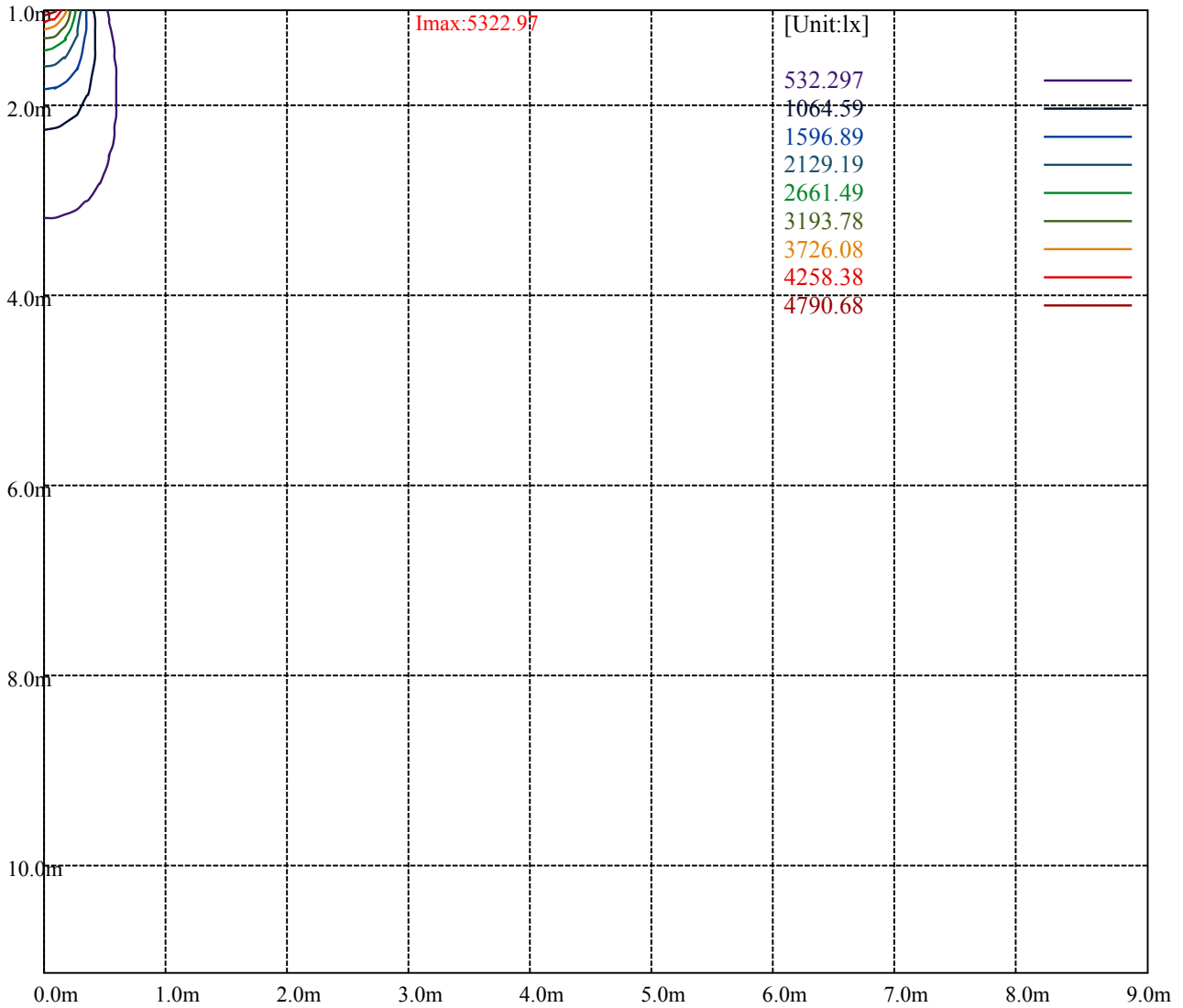
House

[Unit:cd]

Road

Imax:5322.97

(10%Imax) 532.297	—
(20%Imax) 1064.59	—
(30%Imax) 1596.89	—
(40%Imax) 2129.19	—
(50%Imax) 2661.49	—
(60%Imax) 3193.78	—
(70%Imax) 3726.08	—
(80%Imax) 4258.38	—
(90%Imax) 4790.68	—



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

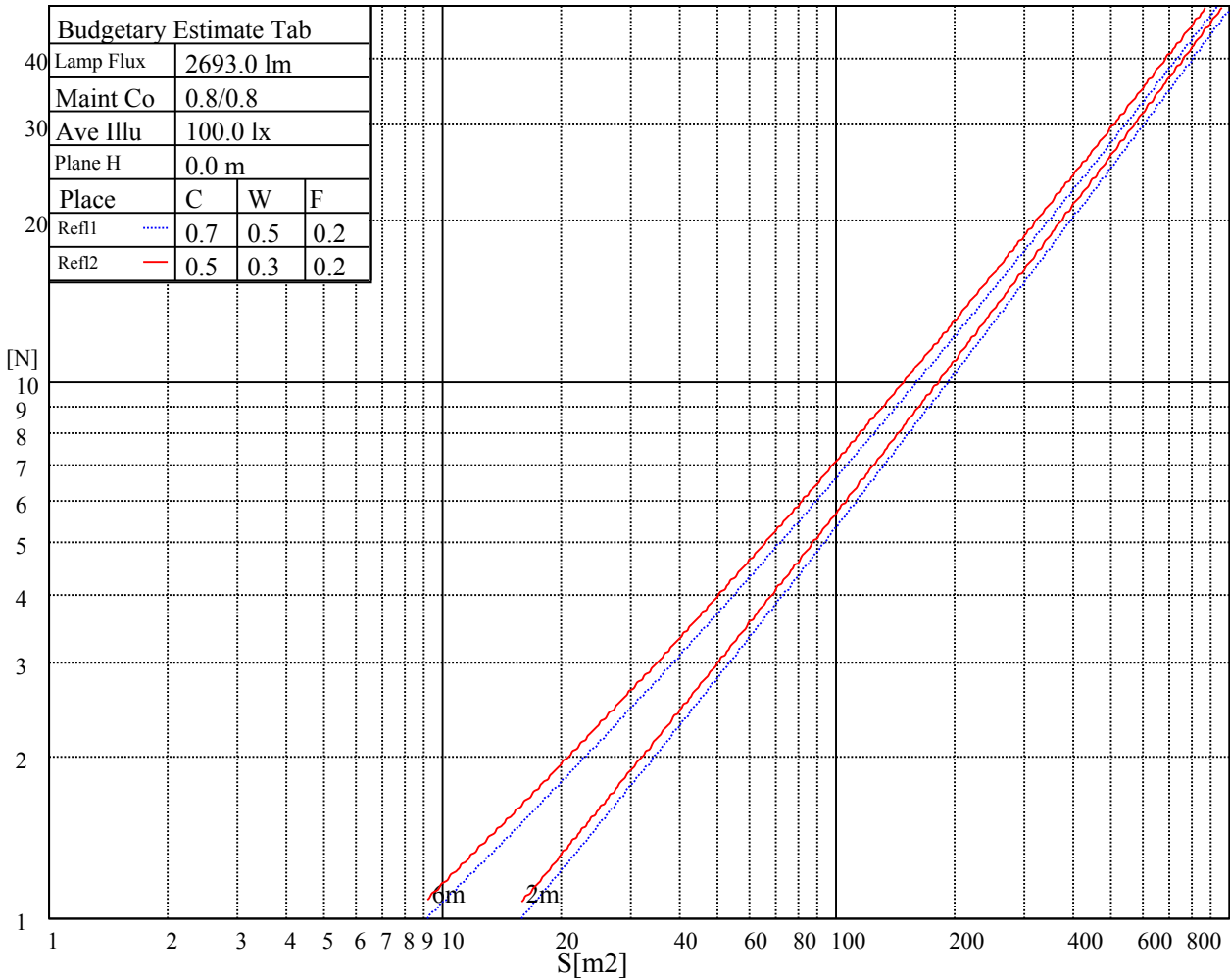
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

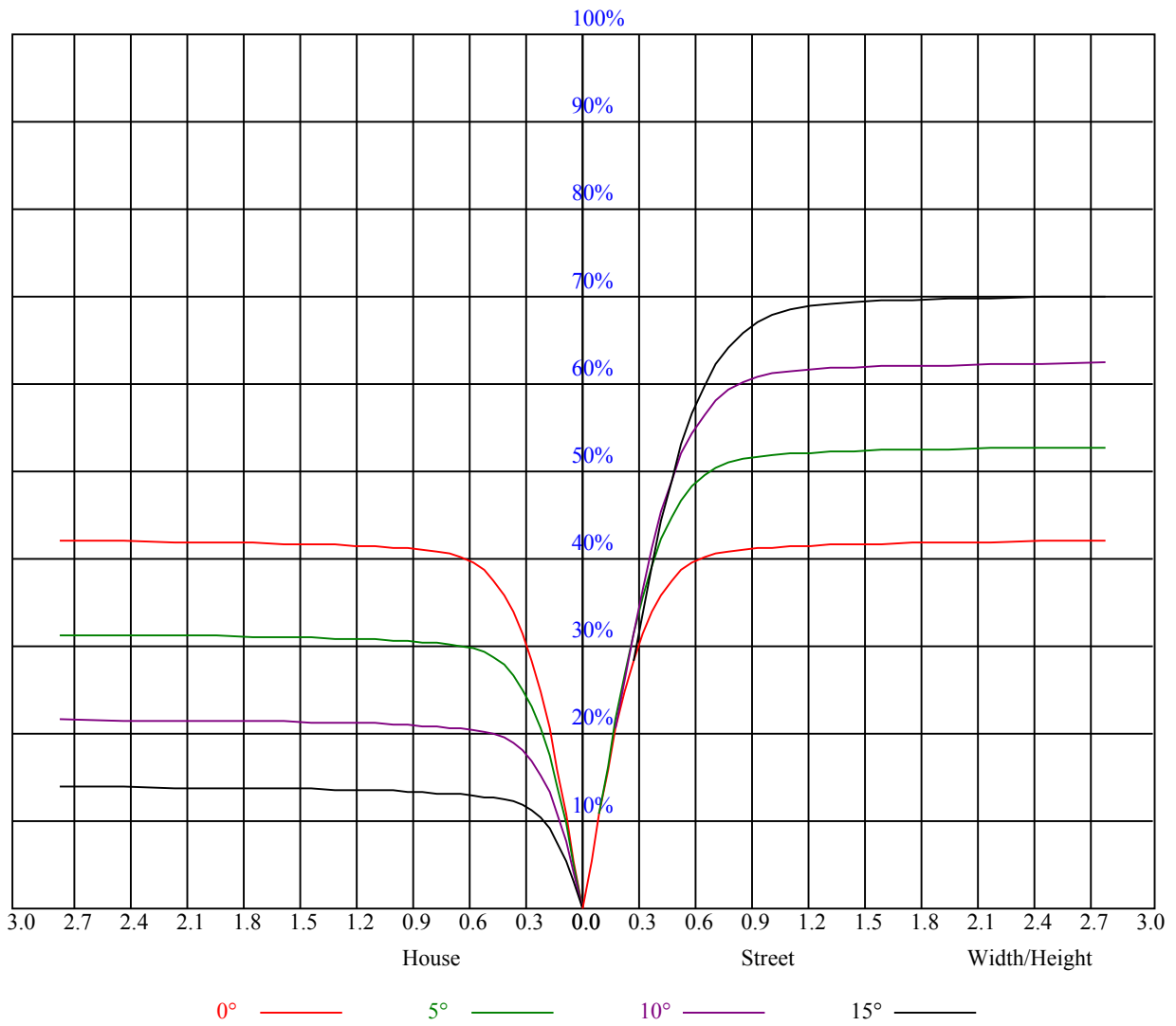


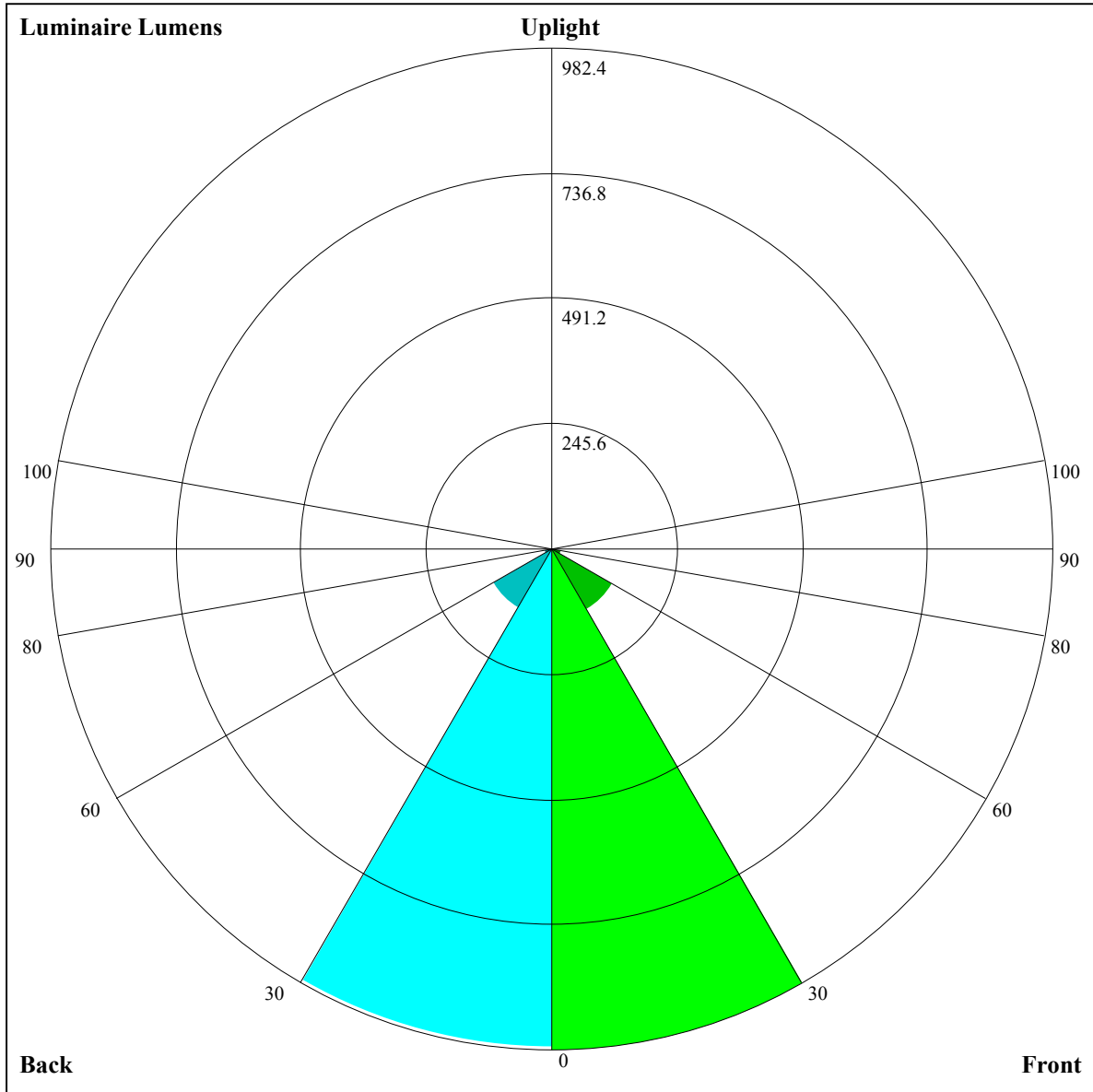
Illumination assessment according UGR										
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30
Rf of Wall	50	30	50	30	30	50	30	50	30	30
Rf of Floor	20	20	20	20	20	20	20	20	20	20
Room dimensions	Viewed crosswise					Viewed endwise				
X	Y									
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字
	3H	非数字	非数字	非数字	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	0.98	0.98	0.98	0.94	0.94	0.94	0.90	0.90	0.90	0.86	0.86	0.86	0.85
1	0.94	0.92	0.91	0.92	0.91	0.89	0.89	0.88	0.86	0.86	0.85	0.84	0.83	0.82	0.81	0.80
2	0.89	0.86	0.83	0.87	0.84	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	0.80	0.78	0.75	0.78	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	0.67	0.71	0.68	0.66	0.65
6	0.72	0.68	0.64	0.71	0.67	0.64	0.70	0.67	0.64	0.69	0.66	0.63	0.68	0.65	0.63	0.62
7	0.69	0.64	0.61	0.68	0.64	0.61	0.67	0.64	0.61	0.66	0.63	0.61	0.65	0.62	0.60	0.59
8	0.66	0.61	0.58	0.65	0.61	0.58	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	0.58	0.56	0.61	0.58	0.56	0.61	0.58	0.55	0.54
10	0.61	0.56	0.54	0.60	0.56	0.54	0.60	0.56	0.53	0.59	0.56	0.53	0.58	0.55	0.53	0.52





Luminaire Lumens:

FL=982.4,FM=138.31,FH=17.62,FVH=5.77

BL=975.78,BM=135.24,BH=17.22,BVH=5.73

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	5325.02	5303.95	5274.11	5236.65	5188.66	5114.93	5031.24	4936.43	4809.44
45.0	5318.58	5330.87	5329.70	5298.10	5259.48	5213.24	5152.96	5075.71	4961.60
90.0	5331.46	5326.78	5296.34	5263.57	5219.68	5138.33	5056.99	4928.82	4794.22
135.0	5316.83	5330.87	5326.19	5291.08	5254.21	5195.10	5127.80	5048.79	4910.10
180.0	5325.02	5327.36	5305.71	5251.87	5210.90	5140.09	5058.74	4962.18	4837.53
225.0	5318.58	5282.30	5238.99	5176.37	5117.85	5016.61	4913.02	4780.76	4618.07
270.0	5331.46	5321.51	5289.32	5239.58	5193.35	5135.99	5064.60	4964.52	4814.70
315.0	5316.83	5295.17	5239.58	5192.17	5143.60	5069.86	4962.77	4843.38	4694.15
360.0	5325.02	5303.95	5274.11	5236.65	5188.66	5114.93	5031.24	4936.43	4809.44
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	4623.34	4442.50	4240.01	3963.79	3731.45	3441.77	3208.26	2980.02	2700.29
45.0	4838.70	4697.07	4527.94	4290.93	4079.66	3856.11	3565.83	3333.50	3039.13
90.0	4639.72	4413.24	4211.92	3992.46	3764.81	3533.65	3241.03	3009.29	2781.63
135.0	4764.96	4595.83	4412.07	4157.50	3940.96	3710.39	3475.12	3173.73	2940.23
180.0	4649.09	4463.57	4258.74	4040.45	3754.28	3527.21	3298.39	3066.05	2786.90
225.0	4376.96	4169.79	3949.74	3725.02	3498.53	3208.85	2983.54	2761.74	2489.61
270.0	4667.23	4443.67	4238.26	4023.48	3735.55	3499.70	3266.78	2984.12	2764.66
315.0	4519.17	4277.47	4063.86	3784.12	3550.03	3317.11	3026.26	2803.29	2579.15
360.0	4623.34	4442.50	4240.01	3963.79	3731.45	3441.77	3208.26	2980.02	2700.29
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	2489.02	2287.12	2094.58	1873.36	1713.60	1569.63	1439.71	1146.98	1146.98
45.0	2812.06	2596.12	2339.20	2140.81	1958.81	1792.60	1601.82	1466.05	1339.05
90.0	2566.27	2310.53	2114.48	1889.75	1728.81	1580.75	1412.79	1149.03	1149.03
135.0	2718.43	2451.57	2252.59	2064.15	1844.10	1690.77	1547.98	1387.63	1266.49
180.0	2563.93	2294.14	2102.19	1920.18	1722.96	1577.24	1447.91	1306.28	1194.50
225.0	2280.10	2040.74	1862.24	1703.06	1528.67	1403.43	1147.51	1147.51	1074.53
270.0	2544.03	2329.84	2086.39	1898.53	1732.32	1580.17	1417.47	1298.09	1188.65
315.0	2321.65	2124.43	1944.18	1779.73	1595.38	1464.29	1146.40	1146.40	1097.06
360.0	2489.02	2287.12	2094.58	1873.36	1713.60	1569.63	1439.71	1146.98	1146.98
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	1072.78	966.50	886.21	789.00	660.48	558.66	463.38	344.81	253.17
45.0	1219.08	1113.16	1000.79	919.45	805.33	707.60	606.35	479.94	380.45
90.0	1054.81	968.61	893.40	800.65	674.18	571.59	470.87	371.62	255.16
135.0	1155.29	1059.32	953.39	871.46	777.82	677.16	553.10	450.10	350.61
180.0	1091.50	1004.89	903.06	814.11	705.25	596.99	474.09	379.28	308.47
225.0	970.01	892.18	803.46	674.24	569.48	466.48	343.29	253.87	178.14
270.0	1061.66	979.14	890.19	798.89	697.65	565.39	462.39	362.90	297.94
315.0	1005.83	926.29	812.29	712.57	586.34	484.27	384.20	291.97	194.65
360.0	1072.78	966.50	886.21	789.00	660.48	558.66	463.38	344.81	253.17
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	174.05	117.10	90.12	82.46	76.49	71.10	65.25	61.27	57.64
45.0	309.06	309.06	120.21	94.16	85.85	77.60	71.87	66.89	62.74
90.0	175.27	120.21	92.47	84.21	76.20	70.40	65.49	61.33	56.71
135.0	303.79	303.79	107.74	85.68	78.24	70.93	65.60	61.33	57.59
180.0	308.47	117.16	86.85	76.72	70.87	65.72	61.16	56.47	53.08
225.0	107.97	82.93	76.08	68.94	63.97	59.58	55.95	51.85	49.04
270.0	297.94	114.82	88.19	80.29	73.91	67.18	62.44	57.70	54.19
315.0	133.31	96.80	85.44	76.96	71.51	66.36	62.15	57.53	54.07
360.0	174.05	117.10	90.12	82.46	76.49	71.10	65.25	61.27	57.64

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	53.55	50.62	47.99	45.18	43.19	40.85	39.33	37.75	36.34
45.0	58.05	54.72	51.68	48.34	45.88	43.72	41.26	39.68	37.69
90.0	53.43	50.45	47.81	44.83	42.78	40.85	39.27	37.34	35.93
135.0	53.26	50.33	47.64	45.24	42.43	40.56	38.86	37.04	35.70
180.0	50.10	46.76	44.48	42.37	40.56	38.51	37.04	35.64	34.00
225.0	46.35	44.18	41.73	39.97	38.33	36.64	35.17	33.59	32.25
270.0	51.21	47.81	45.53	43.37	41.08	39.33	37.81	36.28	34.53
315.0	50.45	47.87	45.53	43.07	41.20	39.44	37.51	35.99	34.53
360.0	53.55	50.62	47.99	45.18	43.19	40.85	39.33	37.75	36.34
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	34.94	33.18	31.78	30.37	29.09	27.33	26.16	24.93	23.58
45.0	36.28	34.88	33.53	32.25	30.55	29.32	27.92	26.63	25.11
90.0	34.24	32.95	31.66	29.90	28.62	27.33	26.10	24.58	23.53
135.0	34.47	32.83	31.72	30.43	28.85	27.51	26.22	25.16	23.58
180.0	32.71	31.43	30.02	28.68	27.56	26.10	24.93	23.88	22.82
225.0	31.02	29.85	28.32	27.21	25.98	24.64	23.58	22.59	21.59
270.0	33.12	31.84	30.61	29.03	27.86	26.57	25.16	24.05	22.71
315.0	33.12	31.49	30.08	28.85	27.56	26.04	24.99	23.82	22.47
360.0	34.94	33.18	31.78	30.37	29.09	27.33	26.16	24.93	23.58
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	22.59	21.36	20.54	19.66	18.73	18.02	17.26	16.62	15.92
45.0	23.94	22.71	21.65	20.83	19.72	18.96	18.26	17.50	16.74
90.0	22.53	21.24	20.42	19.61	18.79	17.97	17.26	16.62	15.98
135.0	22.65	21.65	20.66	19.66	18.84	18.14	17.32	16.68	15.98
180.0	21.65	20.66	19.90	19.08	18.02	17.50	16.62	16.09	15.51
225.0	20.66	19.66	18.84	17.91	17.32	16.62	15.98	15.39	14.81
270.0	21.71	20.78	19.96	18.90	18.14	17.56	16.85	16.09	15.57
315.0	21.54	20.42	19.61	18.79	18.08	17.21	16.56	15.98	15.39
360.0	22.59	21.36	20.54	19.66	18.73	18.02	17.26	16.62	15.92
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	15.33	14.81	14.34	13.87	13.34	12.99	12.58	12.23	11.94
45.0	16.15	15.51	14.81	14.34	13.87	13.46	12.99	12.64	12.29
90.0	15.27	14.63	14.10	13.64	13.28	12.82	12.52	12.17	11.88
135.0	15.39	14.86	14.34	13.81	13.40	12.99	12.70	12.29	12.00
180.0	14.81	14.40	13.93	13.46	13.05	12.70	12.41	12.11	11.76
225.0	14.22	13.81	13.40	13.05	12.70	12.29	12.06	11.76	11.41
270.0	14.92	14.46	13.93	13.40	12.99	12.64	12.35	12.00	11.70
315.0	14.69	14.22	13.75	13.34	12.93	12.58	12.17	11.88	11.59
360.0	15.33	14.81	14.34	13.87	13.34	12.99	12.58	12.23	11.94
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	11.59	11.35	11.00	10.71	10.48	10.36	10.12	9.95	9.77
45.0	11.88	11.59	11.24	10.94	10.71	10.48	10.24	10.07	9.89
90.0	11.53	11.18	10.94	10.71	10.48	10.30	10.07	9.95	9.71
135.0	11.70	11.41	11.12	10.77	10.53	10.30	10.18	10.01	9.83
180.0	11.47	11.18	10.89	10.65	10.36	10.18	10.01	9.77	9.66
225.0	11.18	10.89	10.59	10.42	10.18	10.01	9.77	9.66	9.66
270.0	11.41	11.12	10.83	10.65	10.42	10.18	9.95	9.77	9.66
315.0	11.29	11.00	10.77	10.48	10.30	10.12	9.89	9.77	9.60
360.0	11.59	11.35	11.00	10.71	10.48	10.36	10.12	9.95	9.77

Intensity data(cd)

C/γ(°)	90.0
0.0	9.66
45.0	9.71
90.0	9.66
135.0	9.66
180.0	9.66
225.0	9.66
270.0	9.66
315.0	9.66
360.0	9.66