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Nata

Client:

LumCAT: 2-2456-L

Luminaire: 92.70.411.00

Report No: 2024827-B010

Ballast type: AC

Test No: 2024827-C010

Voltage(V): 35.220

LampCAT: Fortimo_SLM_C_1205

Current(A): 0.403

Lamp flux(lm): 2294.0

Power (W): 14.190

Number of Lamps: 1

PF: 0.000

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 2049.45, Efficiency(%): 89.34% , Luminous Efficacy(lm/W): 144.43

Central intensity(cd): 4579.481, Maximum intensity(cd): 4579.481

Angle of maximum intensity: C=0.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=37.0

[C90/270]Total=37.0

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

[C90/270]Total=65.4

Maximum s/h(1/2): C0_180=0.60 C90_270=0.60

Maximum s/h(1/4): C0_180=0.61 C90_270=0.61

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 89.34%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 99.181%

Equipment: GMS 1800
Temperature(°C): 25.0

Date: 2024/8/27
Humidity(%): 60.0%

Operator: NT
Distance(m): 7.25

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	4579.482	0.000	0	0.00%	0.00%
1.0	4569.659	4.378	4.378	0.19%	0.21%
2.0	4541.091	13.077	17.454	0.57%	0.85%
3.0	4503.838	21.632	39.087	0.94%	1.91%
4.0	4446.170	29.959	69.045	1.31%	3.37%
5.0	4367.405	37.916	106.961	1.65%	5.22%
6.0	4271.163	45.398	152.359	1.98%	7.43%
7.0	4163.141	52.352	204.71	2.28%	9.99%
8.0	4038.889	58.700	263.411	2.56%	12.85%
9.0	3898.758	64.330	327.741	2.80%	15.99%
10.0	3746.169	69.184	396.925	3.02%	19.37%
11.0	3583.402	73.237	470.162	3.19%	22.94%
12.0	3413.540	76.487	546.649	3.33%	26.67%
13.0	3241.451	78.978	625.627	3.44%	30.53%
14.0	3067.607	80.755	706.382	3.52%	34.47%
15.0	2900.740	81.936	788.318	3.57%	38.46%
16.0	2720.083	82.361	870.679	3.59%	42.48%
17.0	2543.526	81.969	952.648	3.57%	46.48%
18.0	2372.067	81.047	1033.695	3.53%	50.44%
19.0	2208.755	79.697	1113.392	3.47%	54.33%
20.0	2021.462	77.425	1190.817	3.38%	58.10%
21.0	1850.009	74.340	1265.157	3.24%	61.73%
22.0	1720.049	71.742	1336.899	3.13%	65.23%
23.0	1545.857	68.528	1405.426	2.99%	68.58%
24.0	1408.570	64.594	1470.021	2.82%	71.73%
25.0	1257.131	60.612	1530.633	2.64%	74.69%
26.0	1162.052	57.105	1587.738	2.49%	77.47%
27.0	1074.240	54.711	1642.449	2.38%	80.14%
28.0	959.443	51.489	1693.938	2.24%	82.65%
29.0	840.074	47.080	1741.018	2.05%	84.95%
30.0	724.324	42.238	1783.257	1.84%	87.01%
31.0	616.295	37.308	1820.564	1.63%	88.83%
32.0	523.601	32.657	1853.221	1.42%	90.43%
33.0	429.199	28.070	1881.291	1.22%	91.79%
34.0	347.754	23.513	1904.804	1.02%	92.94%
35.0	285.250	19.659	1924.462	0.86%	93.90%
36.0	245.329	16.894	1941.356	0.74%	94.73%
37.0	192.602	14.283	1955.639	0.62%	95.42%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	113.476	10.216	1965.855	0.45%	95.92%
39.0	92.931	7.045	1972.901	0.31%	96.26%
40.0	76.137	5.896	1978.797	0.26%	96.55%
41.0	67.168	5.103	1983.9	0.22%	96.80%
42.0	60.361	4.633	1988.533	0.20%	97.03%
43.0	54.757	4.264	1992.798	0.19%	97.24%
44.0	49.626	3.940	1996.737	0.17%	97.43%
45.0	45.138	3.642	2000.379	0.16%	97.61%
46.0	41.170	3.375	2003.755	0.15%	97.77%
47.0	37.602	3.133	2006.888	0.14%	97.92%
48.0	34.297	2.907	2009.794	0.13%	98.07%
49.0	31.340	2.695	2012.49	0.12%	98.20%
50.0	28.666	2.502	2014.991	0.11%	98.32%
51.0	26.275	2.324	2017.316	0.10%	98.43%
52.0	24.146	2.164	2019.48	0.09%	98.54%
53.0	22.241	2.018	2021.497	0.09%	98.64%
54.0	20.618	1.889	2023.386	0.08%	98.73%
55.0	19.159	1.776	2025.162	0.08%	98.81%
56.0	17.819	1.671	2026.833	0.07%	98.90%
57.0	16.728	1.580	2028.412	0.07%	98.97%
58.0	15.657	1.498	2029.91	0.07%	99.05%
59.0	14.586	1.414	2031.324	0.06%	99.12%
60.0	13.791	1.341	2032.665	0.06%	99.18%
61.0	12.898	1.274	2033.938	0.06%	99.24%
62.0	12.142	1.207	2035.145	0.05%	99.30%
63.0	11.459	1.148	2036.293	0.05%	99.36%
64.0	10.756	1.090	2037.383	0.05%	99.41%
65.0	10.046	1.029	2038.412	0.04%	99.46%
66.0	9.422	0.971	2039.383	0.04%	99.51%
67.0	8.844	0.918	2040.302	0.04%	99.55%
68.0	8.246	0.866	2041.167	0.04%	99.60%
69.0	7.661	0.811	2041.979	0.04%	99.64%
70.0	7.063	0.756	2042.735	0.03%	99.67%
71.0	6.524	0.702	2043.437	0.03%	99.71%
72.0	5.972	0.650	2044.087	0.03%	99.74%
73.0	5.440	0.597	2044.684	0.03%	99.77%
74.0	4.941	0.546	2045.23	0.02%	99.79%
75.0	4.527	0.500	2045.73	0.02%	99.82%

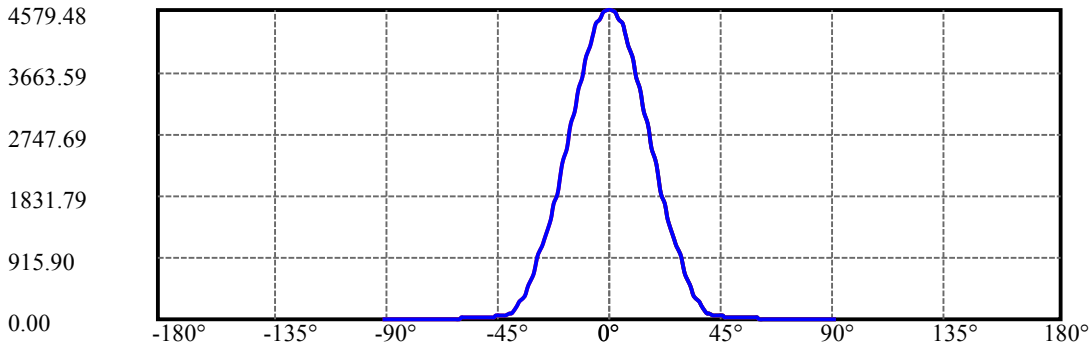
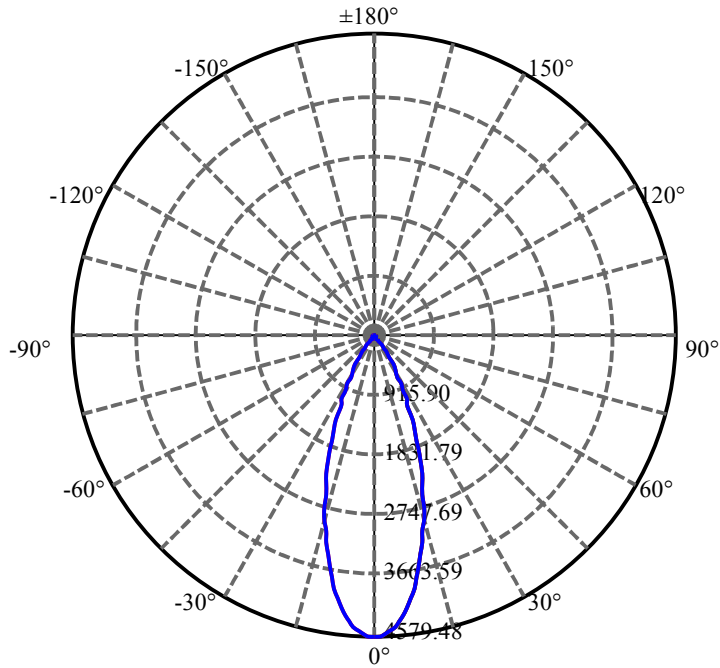
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	4.152	0.461	2046.191	0.02%	99.84%
77.0	3.798	0.424	2046.615	0.02%	99.86%
78.0	3.449	0.388	2047.003	0.02%	99.88%
79.0	3.108	0.352	2047.355	0.02%	99.90%
80.0	2.838	0.321	2047.675	0.01%	99.91%
81.0	2.569	0.292	2047.968	0.01%	99.93%
82.0	2.254	0.262	2048.229	0.01%	99.94%
83.0	1.978	0.230	2048.459	0.01%	99.95%
84.0	1.761	0.204	2048.663	0.01%	99.96%
85.0	1.531	0.180	2048.843	0.01%	99.97%
86.0	1.353	0.158	2049	0.01%	99.98%
87.0	1.196	0.140	2049.14	0.01%	99.98%
88.0	1.032	0.122	2049.262	0.01%	99.99%
89.0	0.841	0.103	2049.365	0.00%	100.00%
90.0	0.723	0.086	2049.45	0.00%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	1783.26	77.74%	87.01%
0-40	1978.80	86.26%	96.55%
0-60	2032.66	88.61%	99.18%
0-90	2049.36	89.34%	100.00%
0-120	2049.36	89.34%	100.00%
0-180	2049.45	89.34%	100.00%
60-90	16.70	0.73%	0.81%
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%
0-26.95	1639.56	71.47%	80.00%

ZONAL LUMEN SUMMARY

0-10	396.92
10-20	793.89
20-30	592.44
30-40	195.54
40-50	36.19
50-60	17.67
60-70	10.07
70-80	4.94
80-90	1.69
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: —————

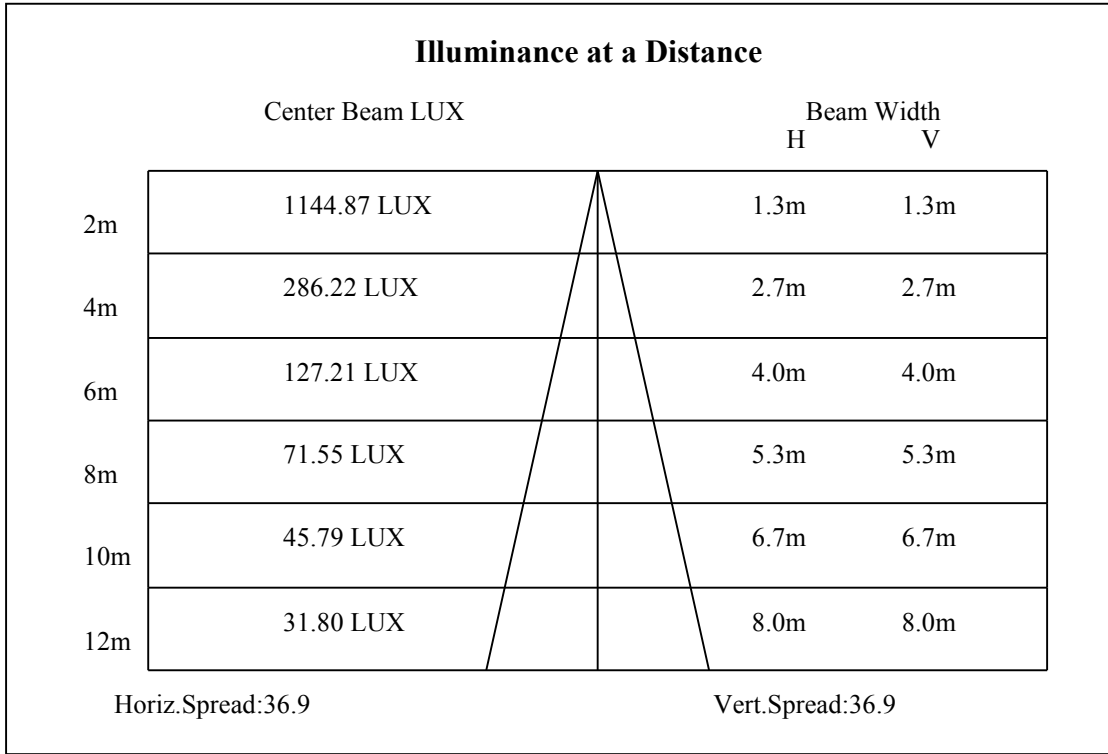
C90/C270: —————

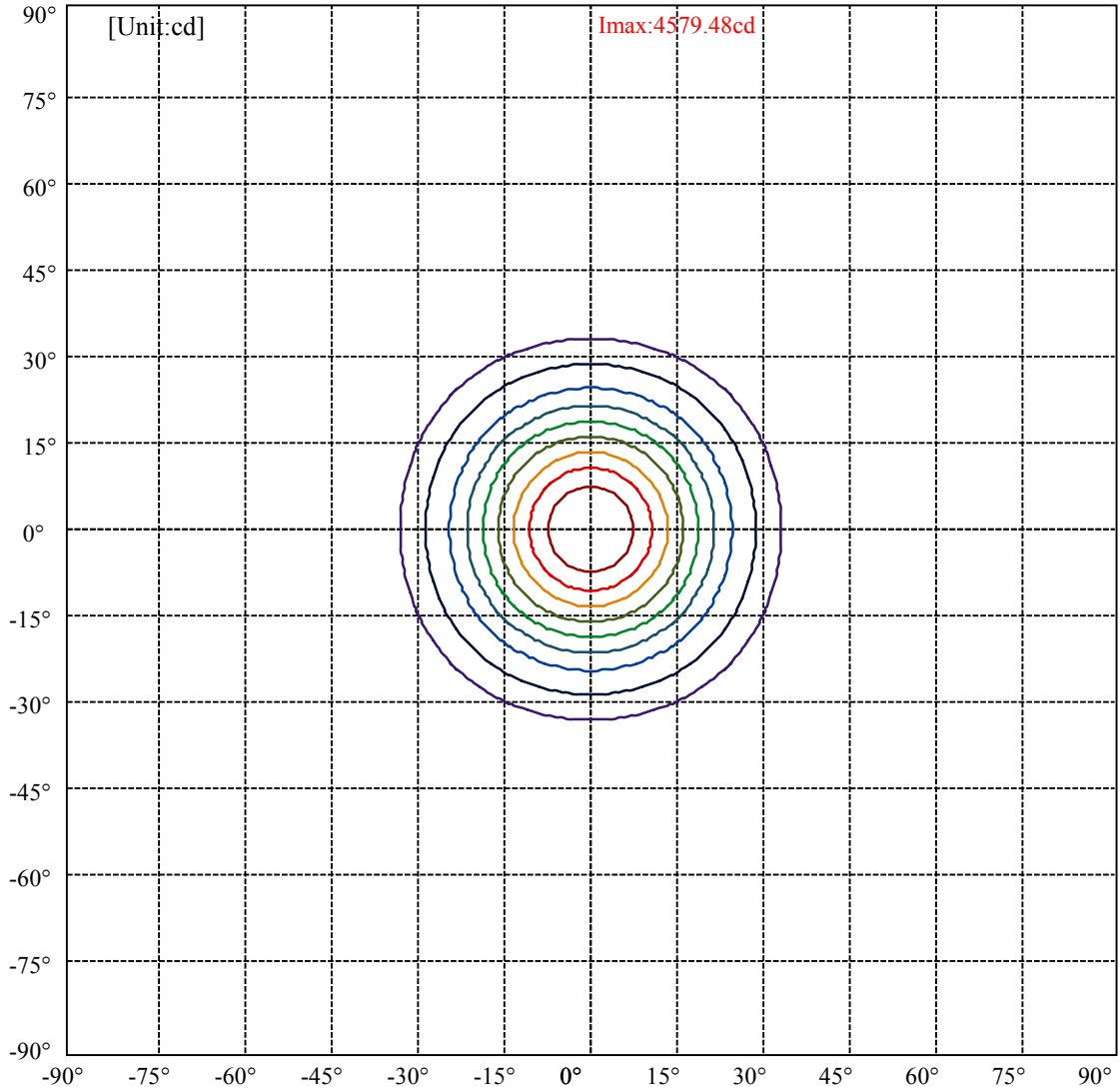
Field angle(10%Imax):C0/180Left:32.7 Right:32.7

:C90/270Left:32.7 Right:32.7

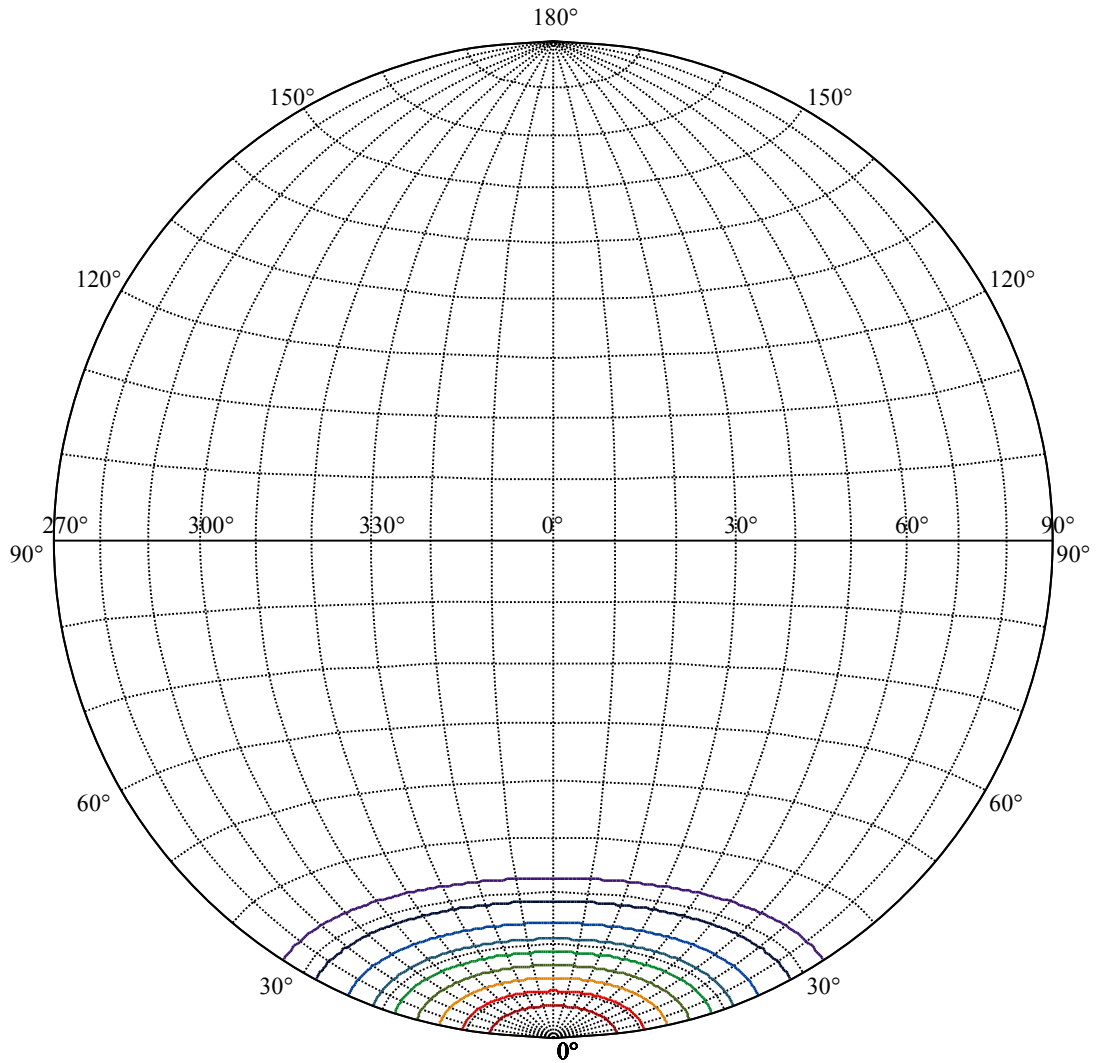
Beam Angle(50%Imax):C0/180Left:18.5 Right:18.5

:C90/270Left:18.5 Right:18.5





(10%Imax) 457.948	—
(20%Imax) 915.896	—
(30%Imax) 1373.84	—
(40%Imax) 1831.79	—
(50%Imax) 2289.74	—
(60%Imax) 2747.69	—
(70%Imax) 3205.64	—
(80%Imax) 3663.59	—
(90%Imax) 4121.53	—



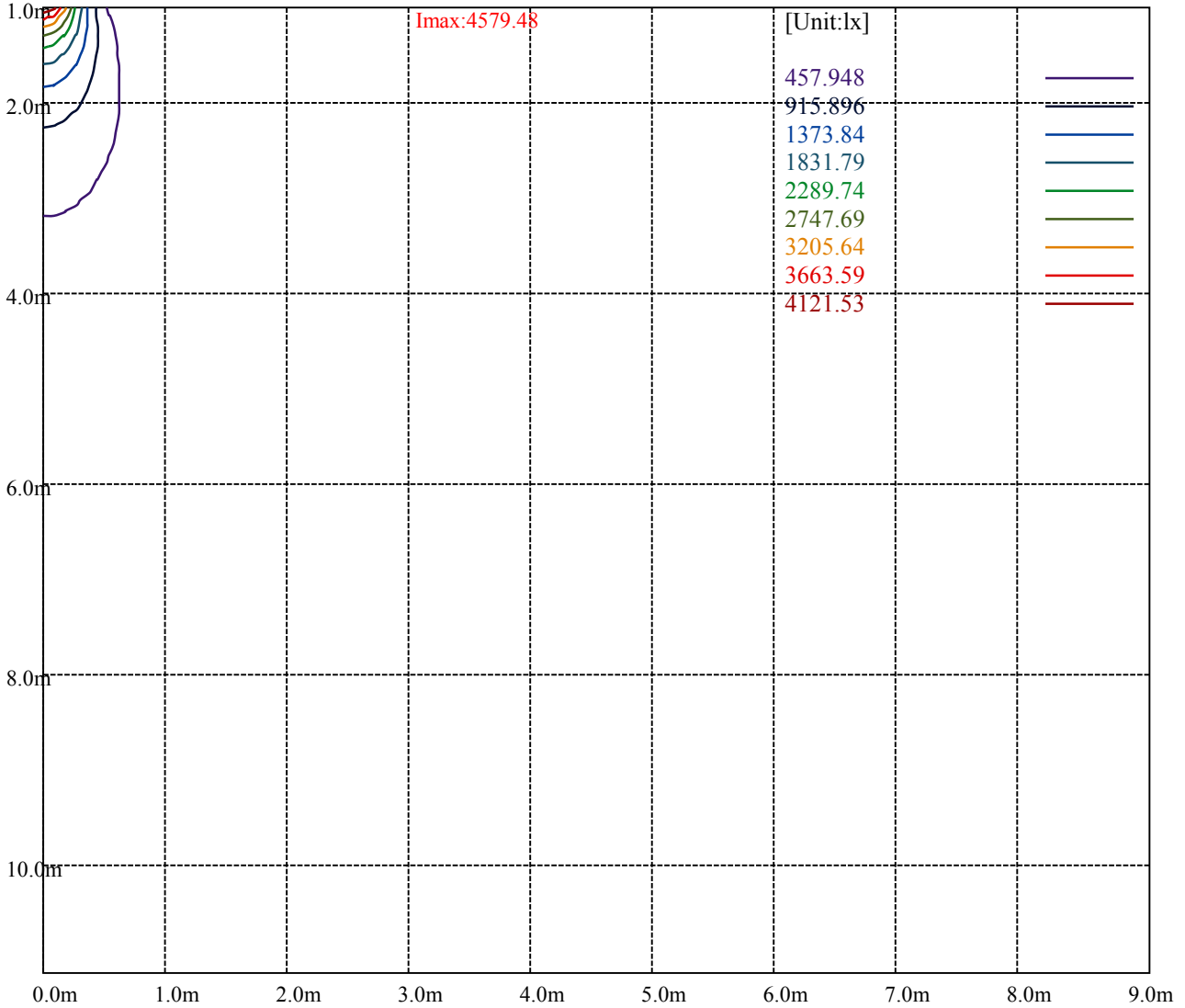
House

[Unit:cd]

Road

I_{max}:4579.48

(10%I _{max}) 457.948	—
(20%I _{max}) 915.896	—
(30%I _{max}) 1373.84	—
(40%I _{max}) 1831.79	—
(50%I _{max}) 2289.74	—
(60%I _{max}) 2747.69	—
(70%I _{max}) 3205.64	—
(80%I _{max}) 3663.59	—
(90%I _{max}) 4121.53	—



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

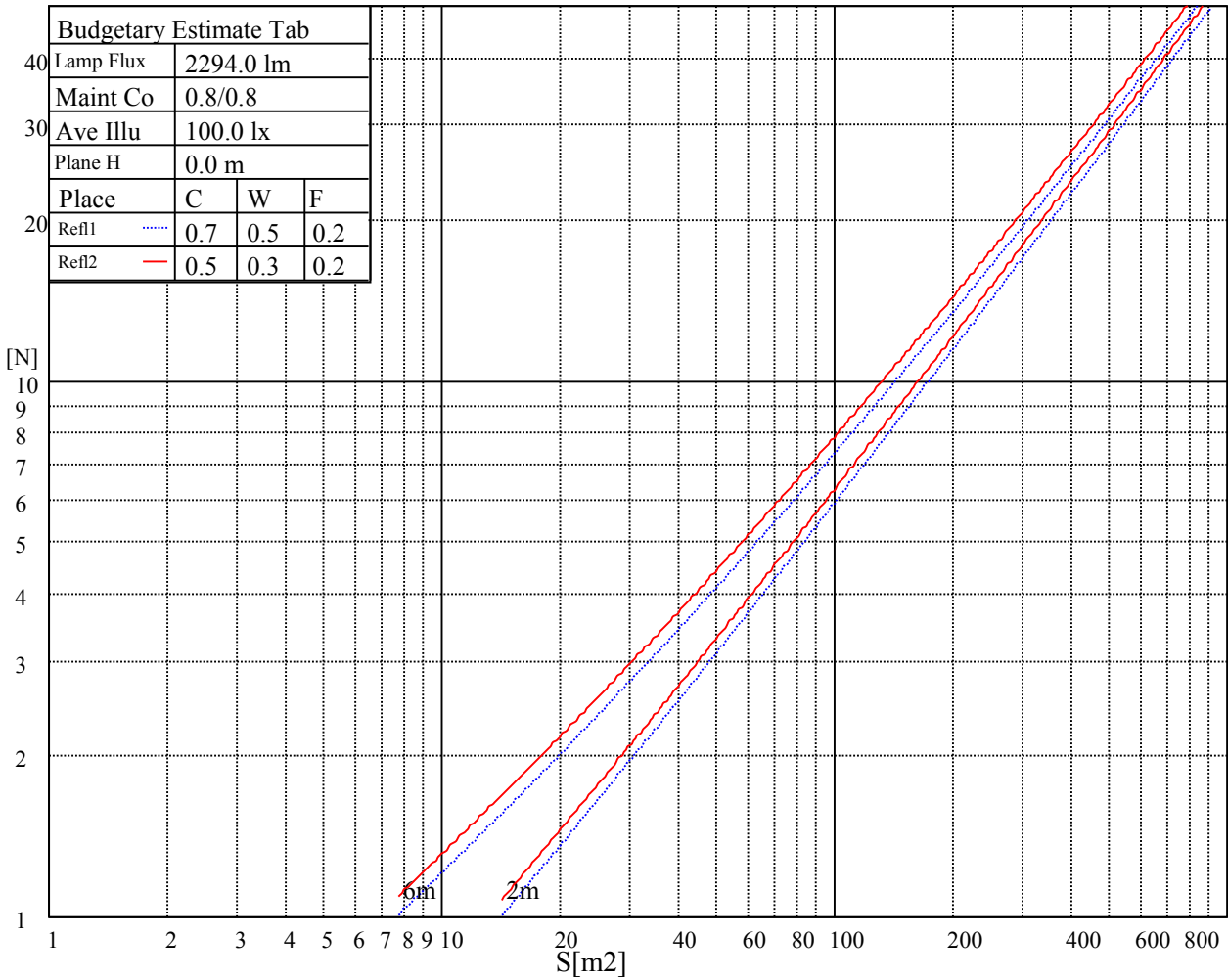
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

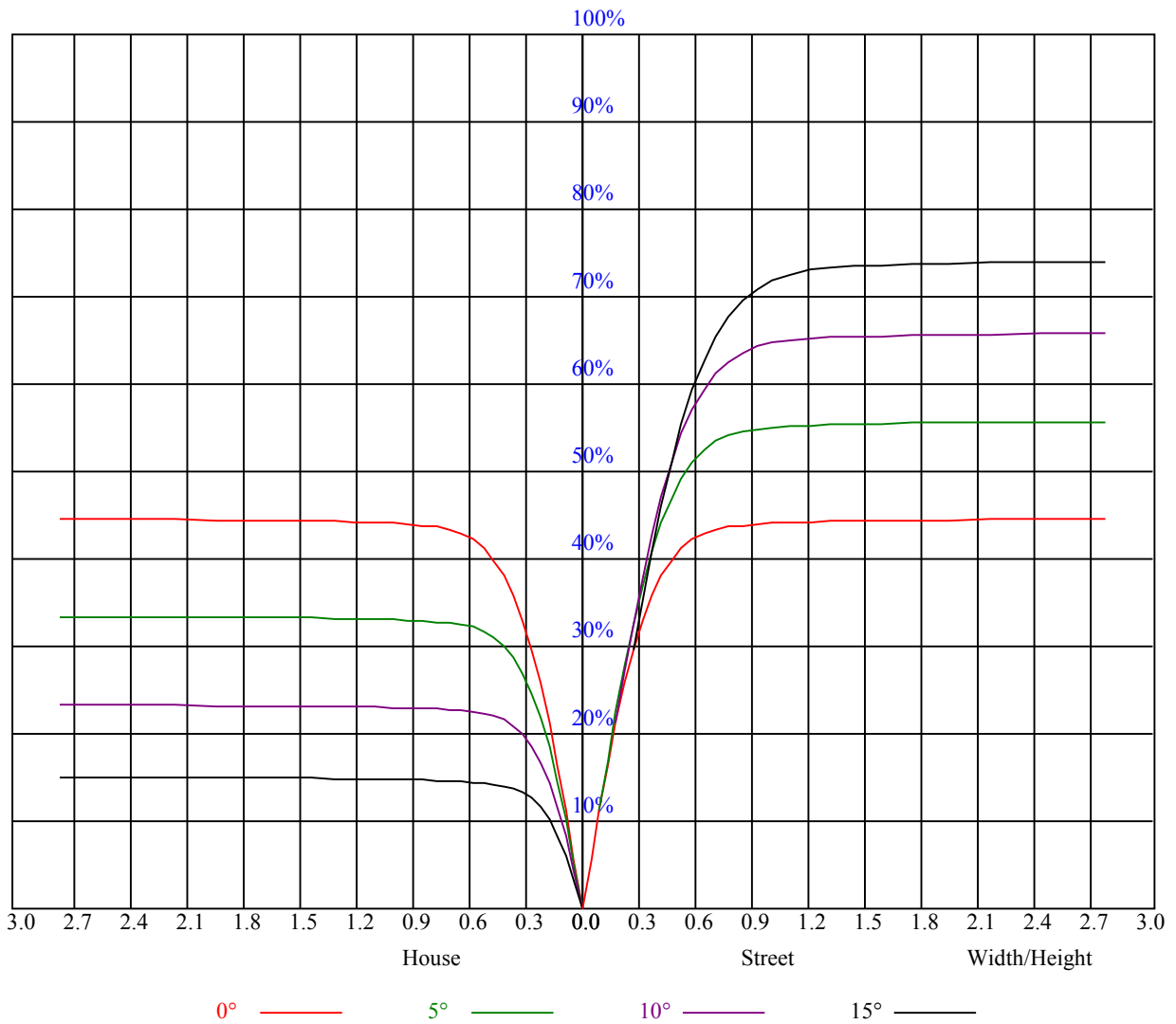


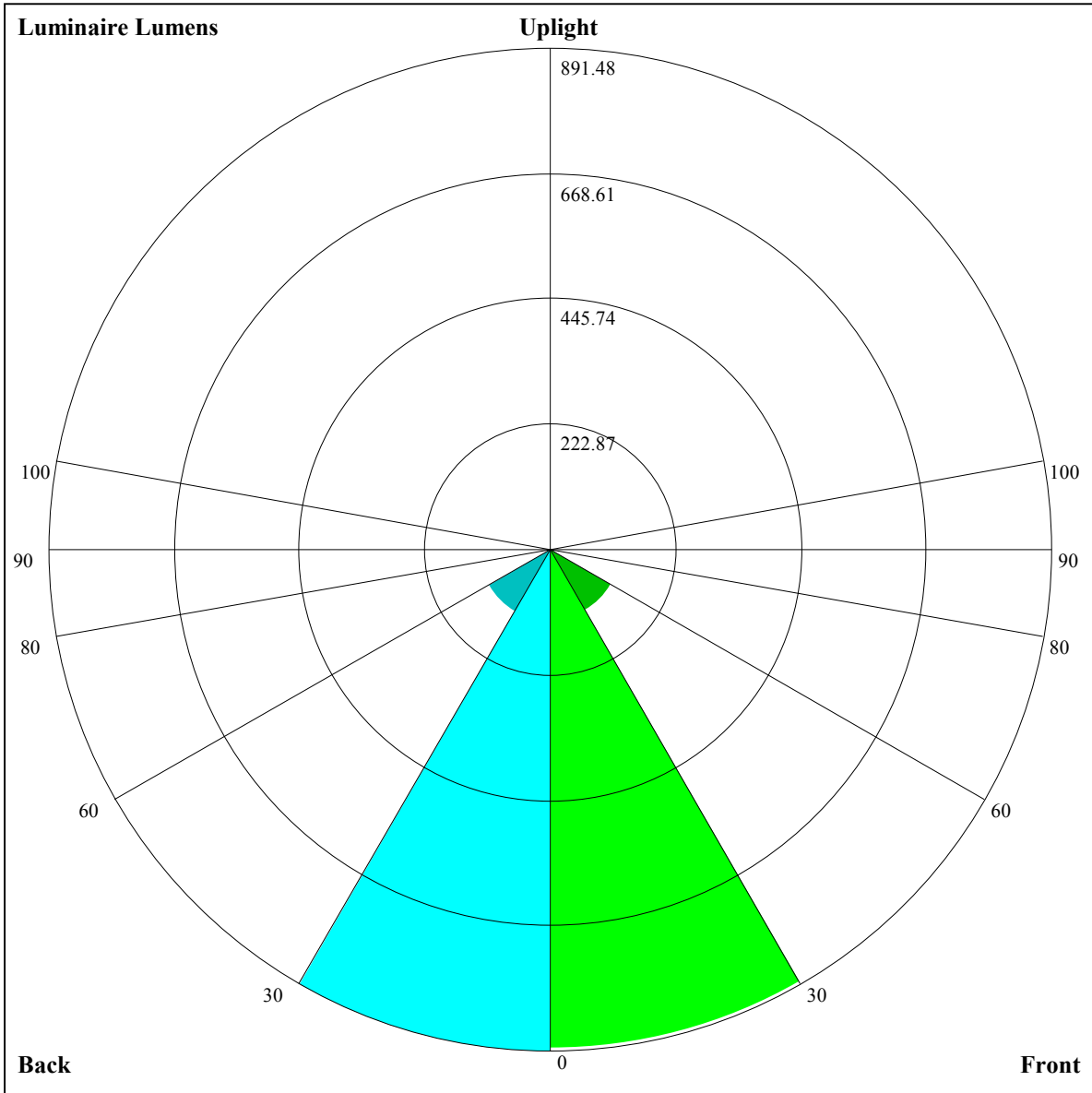
Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	3H	非数字	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	1.06	1.06	1.06	1.04	1.04	1.04	0.99	0.99	0.99	0.95	0.95	0.95	0.91	0.91	0.91	0.89
1	1.00	0.98	0.96	0.98	0.96	0.94	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85
2	0.94	0.91	0.88	0.92	0.90	0.87	0.90	0.87	0.85	0.87	0.85	0.83	0.85	0.83	0.82	0.80
3	0.89	0.85	0.82	0.88	0.84	0.81	0.85	0.82	0.80	0.83	0.81	0.79	0.81	0.79	0.77	0.76
4	0.84	0.80	0.77	0.83	0.79	0.76	0.81	0.78	0.75	0.80	0.77	0.74	0.78	0.76	0.74	0.72
5	0.80	0.75	0.72	0.79	0.75	0.72	0.78	0.74	0.71	0.76	0.73	0.71	0.75	0.72	0.70	0.69
6	0.76	0.72	0.68	0.75	0.71	0.68	0.74	0.70	0.68	0.73	0.70	0.67	0.72	0.69	0.67	0.66
7	0.73	0.68	0.65	0.72	0.68	0.65	0.71	0.67	0.64	0.70	0.67	0.64	0.69	0.66	0.64	0.63
8	0.69	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
9	0.67	0.62	0.59	0.66	0.62	0.59	0.65	0.61	0.59	0.65	0.61	0.59	0.64	0.61	0.58	0.57
10	0.64	0.59	0.56	0.63	0.59	0.56	0.63	0.59	0.56	0.62	0.59	0.56	0.62	0.58	0.56	0.55





Luminaire Lumens:

FL=887.85,FM=124.62,FH=7.47,FVH=0.9

BL=891.48,BM=128.14,BH=7.55,BVH=0.87

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	4574.62	4546.76	4504.40	4467.08	4397.43	4311.07	4208.52	4088.21	3953.38
45.0	4588.55	4579.03	4559.53	4520.01	4463.71	4385.71	4288.78	4188.50	4062.03
90.0	4562.32	4535.62	4466.50	4413.57	4333.36	4231.96	4120.53	3985.13	3836.38
135.0	4592.44	4572.36	4548.39	4483.79	4441.43	4361.74	4263.13	4152.28	4030.23
180.0	4574.62	4580.19	4569.57	4534.46	4492.67	4422.50	4335.04	4243.63	4133.30
225.0	4588.55	4566.26	4532.83	4507.18	4440.90	4362.90	4262.61	4148.39	4024.66
270.0	4562.32	4587.39	4583.50	4569.57	4528.89	4469.28	4393.54	4304.92	4201.32
315.0	4592.44	4589.65	4564.00	4535.04	4470.97	4394.07	4297.14	4194.07	4069.81
360.0	4574.62	4546.76	4504.40	4467.08	4397.43	4311.07	4208.52	4088.21	3953.38
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	3801.79	3640.79	3465.29	3289.78	3114.28	2934.30	2756.01	2583.87	2410.04
45.0	3923.84	3774.51	3614.04	3445.21	3271.96	3093.67	2913.70	2740.40	2568.83
90.0	3678.11	3513.22	3342.13	3163.84	2991.12	2822.87	2647.94	2473.54	2297.45
135.0	3897.67	3743.29	3587.86	3419.61	3252.46	3084.74	2909.23	2743.76	2563.79
180.0	4004.63	3861.45	3703.19	3535.51	3366.68	3196.17	3021.24	2852.41	2679.11
225.0	3878.69	3718.22	3548.86	3378.35	3210.68	3034.59	2862.97	2685.84	2501.40
270.0	4078.17	3942.24	3790.12	3632.44	3457.51	3285.89	3112.59	2938.77	2759.90
315.0	3927.15	3775.62	3615.72	3443.58	3266.92	3088.63	2982.24	2742.08	2567.68
360.0	3801.79	3640.79	3465.29	3289.78	3114.28	2934.30	2756.01	2583.87	2410.04
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	2233.96	2055.67	1882.37	1724.73	1632.22	1437.79	1363.10	1100.55	1100.55
45.0	2388.28	2278.53	2104.71	1862.87	1761.47	1606.57	1466.76	1339.71	1219.34
90.0	2122.53	1944.81	1777.09	1627.23	1545.28	1363.68	1098.24	1076.43	1076.43
135.0	2379.92	2195.54	2013.30	1836.17	1674.59	1525.78	1392.64	1265.07	1171.46
180.0	2497.51	2314.75	2129.20	1945.34	1812.20	1650.62	1501.87	1366.47	1243.31
225.0	2312.54	2130.31	1950.91	1772.62	1642.26	1470.07	1362.00	1090.67	1067.75
270.0	2582.19	2471.33	2212.78	2103.60	1933.67	1702.97	1611.62	1472.85	1342.50
315.0	2459.61	2279.11	2101.34	1927.52	1758.69	1609.36	1472.33	1345.28	1075.06
360.0	2233.96	2055.67	1882.37	1724.73	1632.22	1437.79	1363.10	1100.55	1100.55
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	1009.31	887.26	769.20	657.61	552.06	455.51	368.04	289.41	219.61
45.0	1115.17	1007.10	883.94	764.15	651.04	550.75	459.40	376.93	303.39
90.0	954.17	830.80	710.59	600.37	504.71	419.87	341.39	267.60	202.37
135.0	1062.81	945.23	825.44	712.91	605.36	507.86	415.93	332.93	317.90
180.0	1130.78	1018.24	902.92	790.33	678.37	575.82	482.26	394.74	314.53
225.0	1021.13	898.29	779.03	667.81	568.15	478.69	399.74	327.10	260.60
270.0	1225.49	1112.38	994.85	865.55	745.76	638.27	539.61	452.14	369.15
315.0	1075.06	976.24	854.61	735.88	624.92	562.05	427.23	341.18	294.46
360.0	1009.31	887.26	769.20	657.61	552.06	455.51	368.04	289.41	219.61
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	182.76	114.27	85.99	76.11	64.49	57.66	54.14	48.88	44.31
45.0	303.39	276.11	115.69	96.66	77.58	68.96	61.60	55.35	49.99
90.0	147.02	106.23	83.42	74.53	66.02	57.45	52.67	47.67	43.15
135.0	287.78	138.82	100.03	79.26	73.69	66.44	57.19	53.98	49.09
180.0	299.50	299.50	130.62	108.96	85.57	74.48	67.07	60.45	54.98
225.0	222.87	145.34	104.86	90.14	74.22	69.75	62.76	57.08	52.04
270.0	294.46	294.46	166.52	127.73	93.35	76.53	68.59	61.60	55.56
315.0	224.86	166.10	120.68	90.04	74.17	66.07	58.87	53.04	47.88
360.0	182.76	114.27	85.99	76.11	64.49	57.66	54.14	48.88	44.31

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	40.16	36.58	33.38	30.33	27.60	25.23	23.18	21.34	19.61
45.0	45.26	41.05	37.37	33.96	30.85	28.02	25.55	23.34	21.45
90.0	39.11	35.48	32.22	29.22	26.54	24.28	22.23	20.39	18.66
135.0	44.73	40.84	37.37	34.06	31.06	28.38	26.07	23.97	22.02
180.0	50.04	45.68	41.73	38.11	34.74	31.75	28.91	26.44	24.28
225.0	47.67	43.63	39.95	36.53	33.59	30.75	28.28	26.02	23.97
270.0	50.57	46.31	42.42	39.00	35.80	32.85	30.12	27.81	25.60
315.0	43.57	39.79	36.37	33.17	30.54	28.07	25.86	23.86	22.34
360.0	40.16	36.58	33.38	30.33	27.60	25.23	23.18	21.34	19.61
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	18.13	16.87	15.72	15.03	13.61	12.83	12.25	11.30	10.88
45.0	19.66	18.82	16.87	15.61	14.98	13.93	12.98	12.19	11.46
90.0	17.19	15.93	14.77	13.77	13.19	12.04	11.25	10.83	9.88
135.0	20.29	18.82	17.56	16.29	15.24	14.30	13.46	12.62	12.04
180.0	22.34	20.55	18.92	17.61	16.56	15.14	14.09	13.30	12.30
225.0	22.18	20.71	19.24	17.92	16.87	15.72	14.98	13.93	12.93
270.0	23.76	22.02	20.60	19.82	17.98	16.87	16.24	14.77	14.14
315.0	21.39	19.55	18.87	17.77	16.82	15.87	15.09	14.24	13.51
360.0	18.13	16.87	15.72	15.03	13.61	12.83	12.25	11.30	10.88
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	10.25	9.57	8.99	8.46	7.94	7.41	6.89	6.47	5.94
45.0	10.78	10.14	9.57	8.99	8.41	7.83	7.36	6.83	6.25
90.0	9.51	8.99	8.20	7.83	7.41	6.89	6.47	5.94	5.52
135.0	11.20	10.67	10.04	9.36	8.78	8.20	7.67	7.04	6.57
180.0	11.62	10.83	10.14	9.46	8.83	8.36	7.67	7.04	6.57
225.0	12.14	11.30	10.46	9.83	9.15	8.46	7.78	7.10	6.47
270.0	13.30	12.46	11.62	10.83	10.20	9.46	8.78	8.09	7.52
315.0	12.88	12.09	11.35	10.62	10.04	9.36	8.67	7.99	7.36
360.0	10.25	9.57	8.99	8.46	7.94	7.41	6.89	6.47	5.94
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	5.47	4.94	4.57	4.21	3.89	3.47	3.21	2.89	2.68
45.0	5.78	5.26	4.89	4.47	4.10	3.78	3.42	3.10	2.79
90.0	5.10	4.73	4.26	3.94	3.68	3.31	2.94	2.63	2.31
135.0	6.04	5.62	5.15	4.73	4.36	4.05	3.63	3.26	3.00
180.0	6.04	5.52	4.99	4.63	4.21	3.84	3.47	3.15	2.89
225.0	5.83	5.26	4.63	4.26	3.89	3.57	3.21	2.94	2.63
270.0	6.89	6.20	5.57	4.99	4.57	4.15	3.78	3.42	3.15
315.0	6.62	5.99	5.47	4.99	4.52	4.21	3.94	3.47	3.26
360.0	5.47	4.94	4.57	4.21	3.89	3.47	3.21	2.89	2.68
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	2.37	2.05	1.79	1.58	1.42	1.21	1.16	0.95	0.84
45.0	2.47	2.21	1.94	1.73	1.42	1.26	1.05	0.95	0.68
90.0	2.10	1.84	1.58	1.37	1.21	1.05	0.95	0.79	0.68
135.0	2.73	2.37	2.05	1.89	1.58	1.52	1.31	1.10	0.79
180.0	2.63	2.26	2.00	1.84	1.52	1.31	1.16	1.00	0.84
225.0	2.31	2.10	1.84	1.58	1.42	1.21	1.10	0.95	0.79
270.0	3.00	2.52	2.21	1.94	1.73	1.47	1.31	1.21	1.00
315.0	2.94	2.68	2.42	2.16	1.94	1.79	1.52	1.31	1.10
360.0	2.37	2.05	1.79	1.58	1.42	1.21	1.16	0.95	0.84

Intensity data(cd)

C/γ(°)	90.0
0.0	0.68
45.0	0.63
90.0	0.63
135.0	0.68
180.0	0.63
225.0	0.68
270.0	0.84
315.0	1.00
360.0	0.68