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NT

Client:

LumCAT: 2-2682-L

Luminaire: 92.70.412.00

Report No: 2024326-B012

Ballast type: AC

Test No: 2024326-C012

Voltage(V): 34.410

LampCAT: Fortimo_SLM_C_1210

Current(A): 0.720

Lamp flux(lm): 4230.0

Power (W): 24.775

Number of Lamps: 1

PF: 0.000

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 3637.32, Efficiency(%): 85.99% , Luminous Efficacy(lm/W): 146.81

Central intensity(cd): 16392.740, Maximum intensity(cd): 16392.740

Angle of maximum intensity: C=0.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=18.0

[C90/270]Total=18.0

Field angle(10%Imax): [C0/180]Total=52.4

[C90/270]Total=52.4

Maximum s/h(1/2): C0_180=0.31 C90_270=0.31

Maximum s/h(1/4): C0_180=0.37 C90_270=0.37

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 85.99%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 98.058%

Equipment: GMS1980
Temperature(°C): 25.0

Date: 2024/3/26
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	16392.736	0.000	0	0.00%	0.00%
1.0	16210.586	15.600	15.6	0.37%	0.43%
2.0	15773.862	45.907	61.507	1.09%	1.69%
3.0	15065.740	73.758	135.265	1.74%	3.72%
4.0	13662.970	96.164	231.43	2.27%	6.36%
5.0	12561.226	112.815	344.245	2.67%	9.46%
6.0	11831.157	128.188	472.433	3.03%	12.99%
7.0	10587.920	139.155	611.588	3.29%	16.81%
8.0	9316.153	142.450	754.038	3.37%	20.73%
9.0	8230.561	142.207	896.244	3.36%	24.64%
10.0	7296.322	140.513	1036.757	3.32%	28.50%
11.0	6543.503	138.288	1175.045	3.27%	32.31%
12.0	5868.227	135.678	1310.723	3.21%	36.04%
13.0	5311.019	132.669	1443.393	3.14%	39.68%
14.0	4785.121	129.230	1572.622	3.06%	43.24%
15.0	4364.491	125.610	1698.232	2.97%	46.69%
16.0	3961.271	121.996	1820.228	2.88%	50.04%
17.0	3592.140	117.627	1937.855	2.78%	53.28%
18.0	3280.362	113.313	2051.168	2.68%	56.39%
19.0	2993.894	109.159	2160.327	2.58%	59.39%
20.0	2805.817	106.151	2266.478	2.51%	62.31%
21.0	2585.348	103.521	2369.999	2.45%	65.16%
22.0	2308.552	98.345	2468.344	2.32%	67.86%
23.0	2093.847	92.374	2560.718	2.18%	70.40%
24.0	1923.547	87.835	2648.553	2.08%	72.82%
25.0	1778.045	84.166	2732.719	1.99%	75.13%
26.0	1656.684	81.077	2813.796	1.92%	77.36%
27.0	1553.173	78.530	2892.326	1.86%	79.52%
28.0	1388.893	74.487	2966.813	1.76%	81.57%
29.0	1272.382	69.626	3036.439	1.65%	83.48%
30.0	1192.381	66.548	3102.987	1.57%	85.31%
31.0	1056.170	62.574	3165.561	1.48%	87.03%
32.0	918.481	56.571	3222.133	1.34%	88.59%
33.0	782.424	50.109	3272.242	1.18%	89.96%
34.0	646.988	43.258	3315.5	1.02%	91.15%
35.0	515.737	36.110	3351.61	0.85%	92.14%
36.0	408.385	29.424	3381.034	0.70%	92.95%
37.0	300.923	23.134	3404.168	0.55%	93.59%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	244.397	18.202	3422.37	0.43%	94.09%
39.0	185.092	14.660	3437.03	0.35%	94.49%
40.0	114.112	10.435	3447.465	0.25%	94.78%
41.0	101.010	7.660	3455.125	0.18%	94.99%
42.0	94.828	7.115	3462.24	0.17%	95.19%
43.0	89.349	6.822	3469.063	0.16%	95.37%
44.0	84.455	6.560	3475.623	0.16%	95.55%
45.0	80.622	6.344	3481.967	0.15%	95.73%
46.0	77.184	6.171	3488.138	0.15%	95.90%
47.0	74.075	6.016	3494.154	0.14%	96.06%
48.0	71.397	5.881	3500.035	0.14%	96.23%
49.0	69.166	5.772	3505.807	0.14%	96.38%
50.0	67.089	5.681	3511.488	0.13%	96.54%
51.0	65.655	5.616	3517.104	0.13%	96.69%
52.0	64.960	5.605	3522.709	0.13%	96.85%
53.0	63.980	5.609	3528.318	0.13%	97.00%
54.0	63.131	5.603	3533.921	0.13%	97.16%
55.0	62.839	5.623	3539.544	0.13%	97.31%
56.0	62.341	5.657	3545.2	0.13%	97.47%
57.0	61.083	5.643	3550.843	0.13%	97.62%
58.0	58.625	5.536	3556.379	0.13%	97.77%
59.0	55.040	5.314	3561.693	0.13%	97.92%
60.0	50.637	4.993	3566.686	0.12%	98.06%
61.0	46.094	4.616	3571.302	0.11%	98.18%
62.0	42.041	4.247	3575.549	0.10%	98.30%
63.0	37.279	3.858	3579.406	0.09%	98.41%
64.0	32.363	3.417	3582.824	0.08%	98.50%
65.0	28.793	3.027	3585.85	0.07%	98.58%
66.0	26.306	2.749	3588.599	0.06%	98.66%
67.0	24.521	2.556	3591.155	0.06%	98.73%
68.0	23.555	2.435	3593.59	0.06%	98.80%
69.0	22.831	2.366	3595.957	0.06%	98.86%
70.0	22.187	2.312	3598.269	0.05%	98.93%
71.0	21.639	2.265	3600.534	0.05%	98.99%
72.0	21.141	2.224	3602.758	0.05%	99.05%
73.0	20.754	2.191	3604.949	0.05%	99.11%
74.0	20.380	2.163	3607.112	0.05%	99.17%
75.0	20.015	2.134	3609.246	0.05%	99.23%

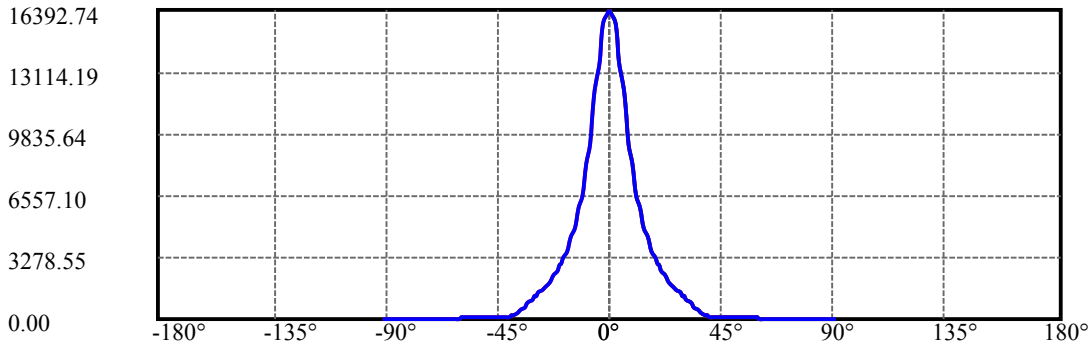
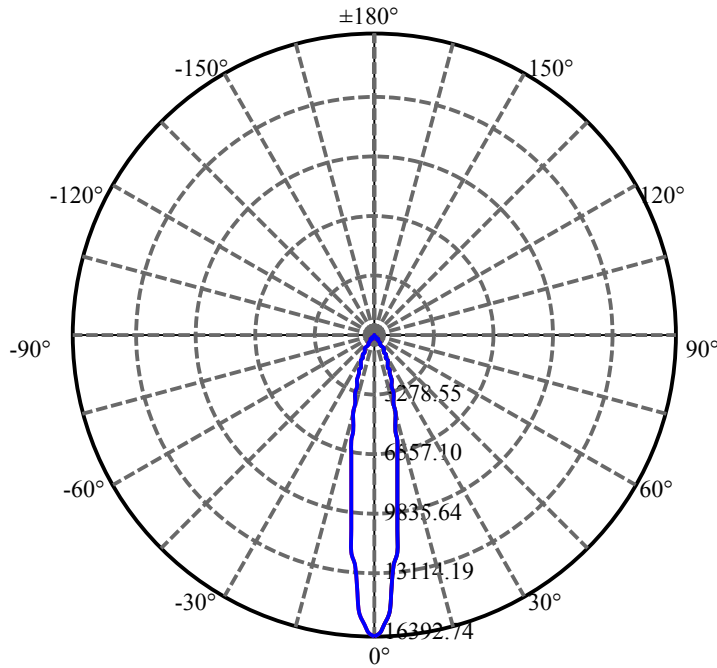
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	19.700	2.108	3611.354	0.05%	99.29%
77.0	19.393	2.084	3613.439	0.05%	99.34%
78.0	19.064	2.059	3615.497	0.05%	99.40%
79.0	18.639	2.026	3617.523	0.05%	99.46%
80.0	18.200	1.986	3619.509	0.05%	99.51%
81.0	17.784	1.946	3621.455	0.05%	99.56%
82.0	17.359	1.906	3623.361	0.05%	99.62%
83.0	16.920	1.863	3625.224	0.04%	99.67%
84.0	16.525	1.822	3627.046	0.04%	99.72%
85.0	16.167	1.784	3628.831	0.04%	99.77%
86.0	15.852	1.750	3630.581	0.04%	99.81%
87.0	15.582	1.720	3632.301	0.04%	99.86%
88.0	15.355	1.695	3633.996	0.04%	99.91%
89.0	15.150	1.672	3635.668	0.04%	99.95%
90.0	15.062	1.656	3637.324	0.04%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	3102.99	73.36%	85.31%
0-40	3447.46	81.50%	94.78%
0-60	3566.69	84.32%	98.06%
0-90	3635.67	85.95%	99.95%
0-120	3635.67	85.95%	99.95%
0-180	3637.32	85.99%	100.00%
60-90	68.98	1.63%	1.90%
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%
0-27.24	2909.86	68.79%	80.00%

ZONAL LUMEN SUMMARY

0-10	1036.76
10-20	1229.72
20-30	836.51
30-40	344.48
40-50	64.02
50-60	55.20
60-70	31.58
70-80	21.24
80-90	16.16
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



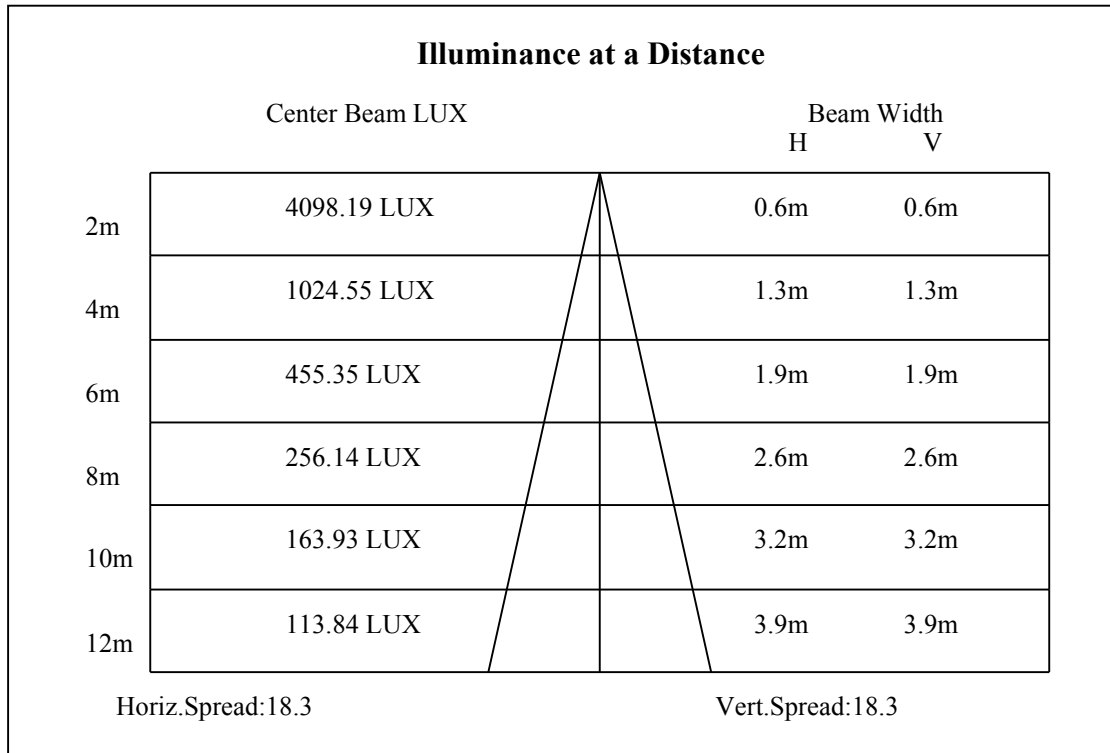
C0(Max): —————

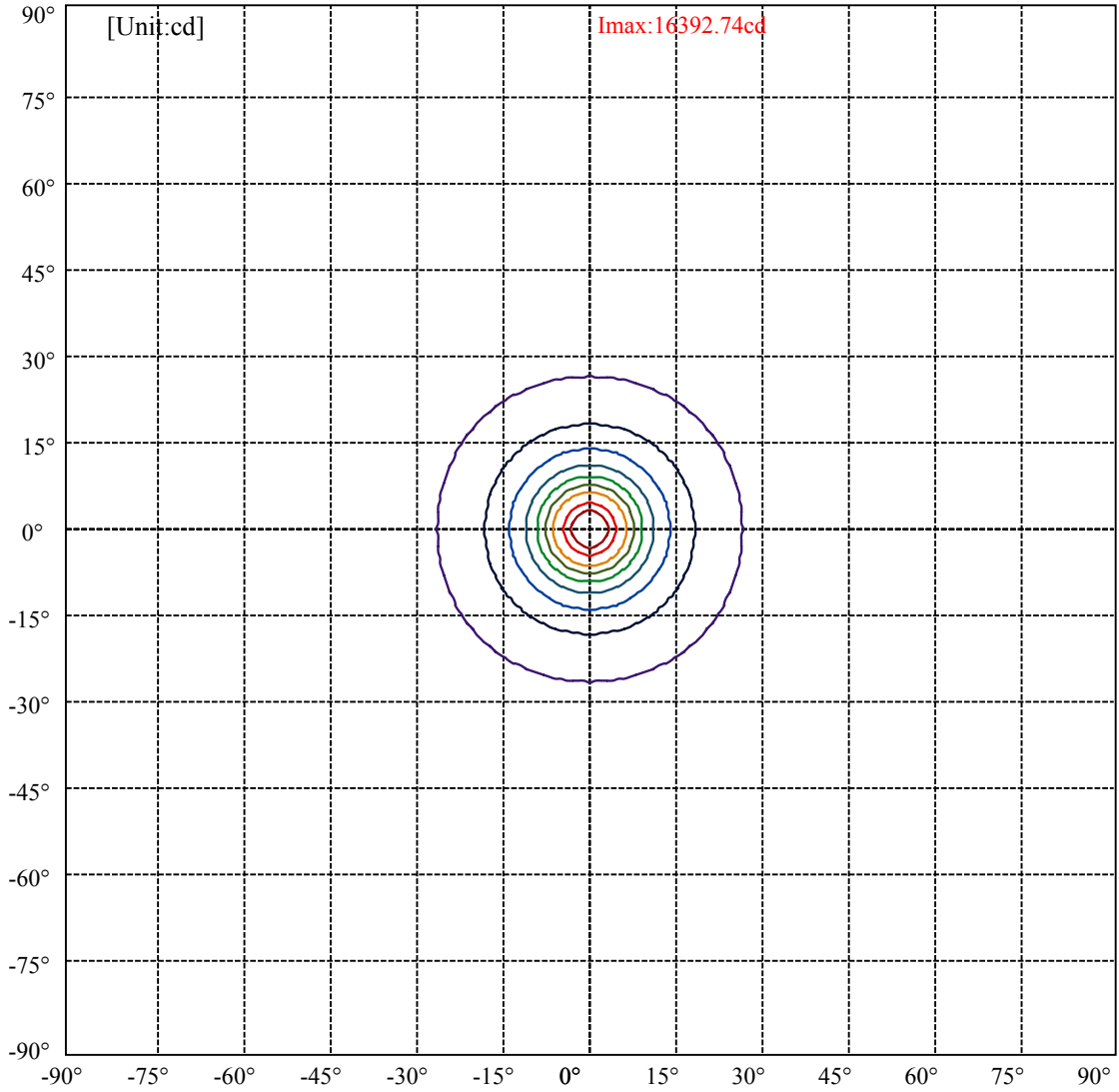
C0/C180: —————

C90/C270: —————

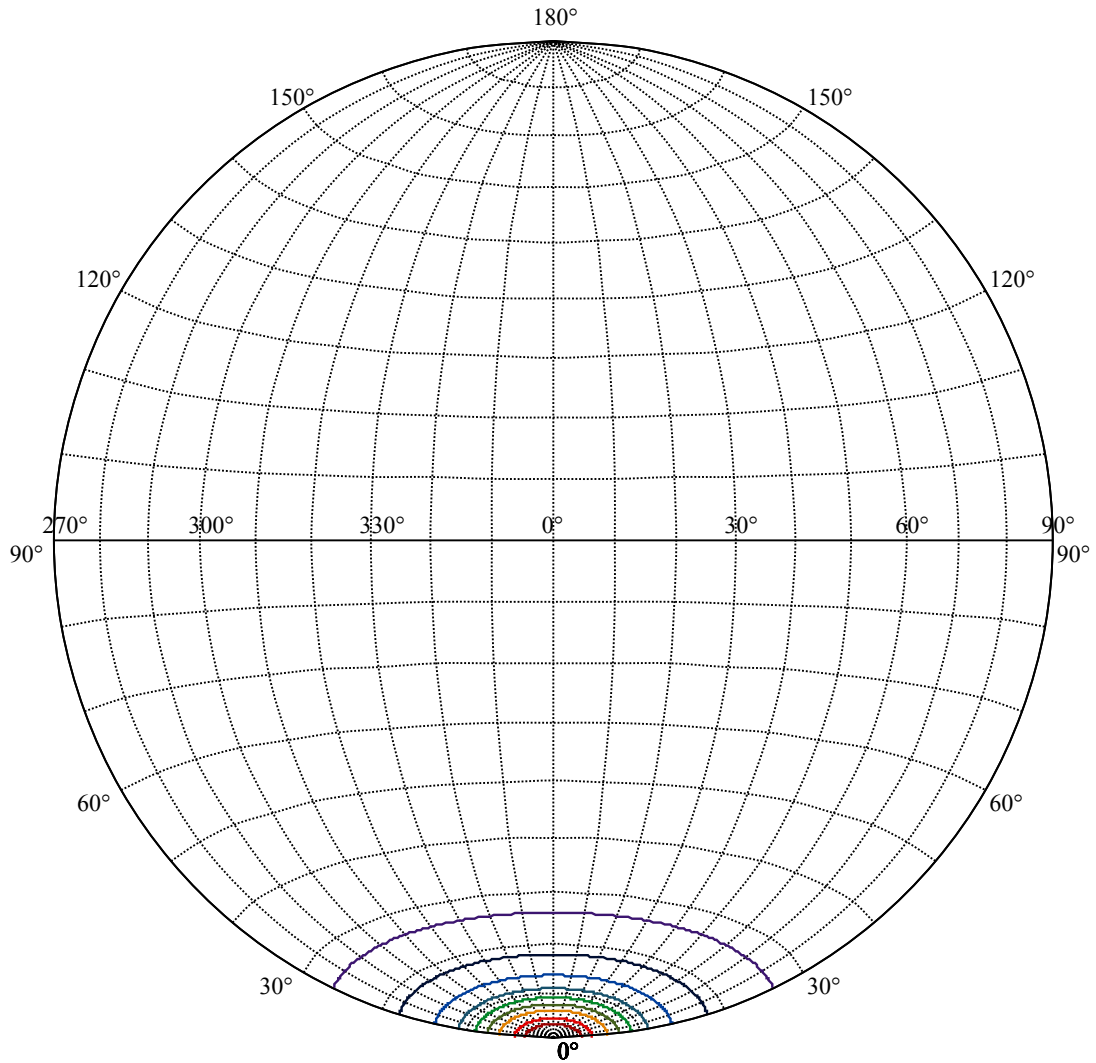
Field angle(10%Imax):C0/180Left:26.2 Right:26.2
:C90/270Left:26.2 Right:26.2

Beam Angle(50%Imax):C0/180Left:9.0 Right:9.0
:C90/270Left:9.0 Right:9.0





(10%Imax) 1639.27	—
(20%Imax) 3278.55	—
(30%Imax) 4917.82	—
(40%Imax) 6557.1	—
(50%Imax) 8196.37	—
(60%Imax) 9835.64	—
(70%Imax) 11474.9	—
(80%Imax) 13114.2	—
(90%Imax) 14753.5	—



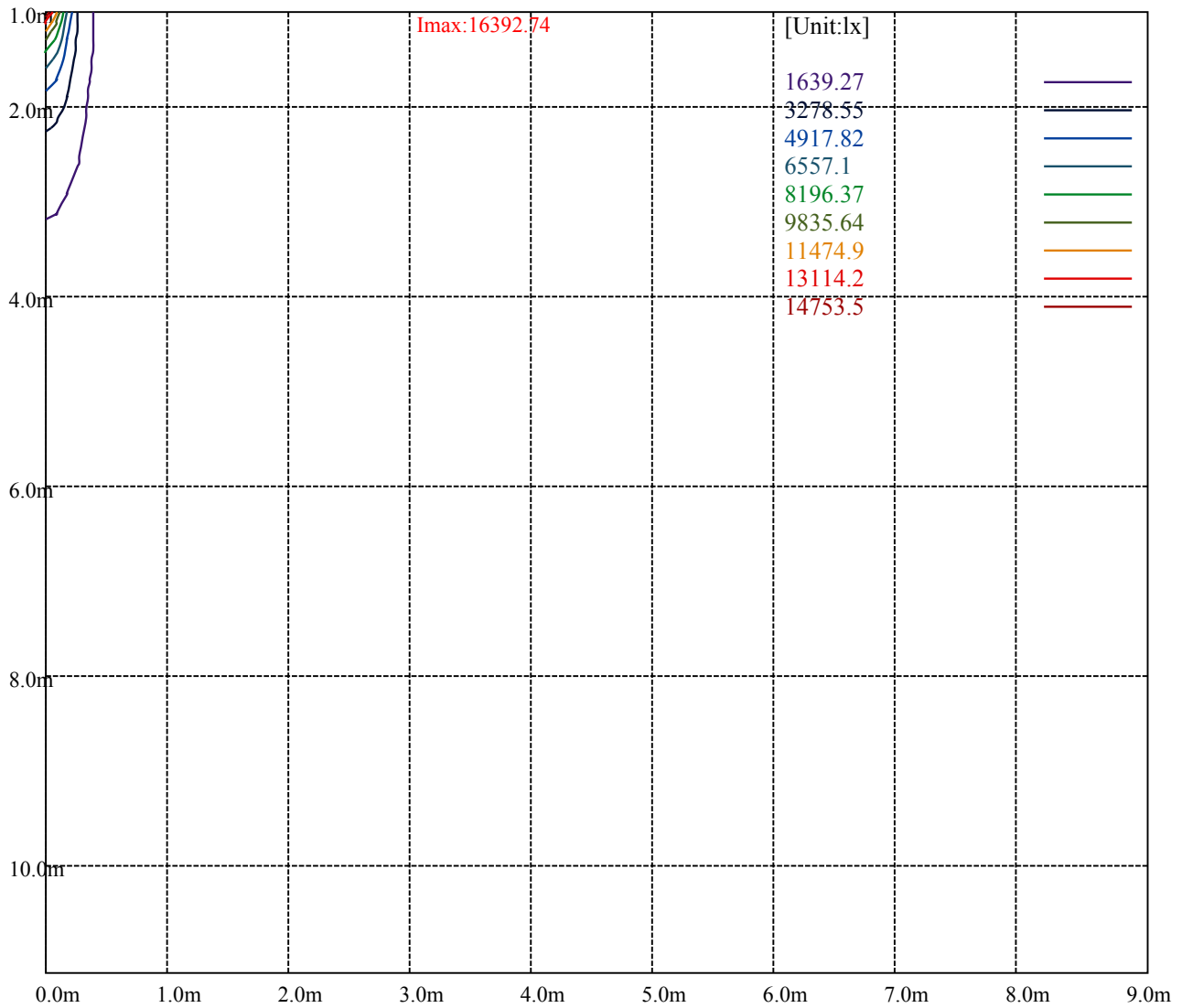
House

[Unit:cd]

Road

Imax:16392.74

(10%Imax) 1639.27	—
(20%Imax) 3278.55	—
(30%Imax) 4917.82	—
(40%Imax) 6557.1	—
(50%Imax) 8196.37	—
(60%Imax) 9835.64	—
(70%Imax) 11474.9	—
(80%Imax) 13114.2	—
(90%Imax) 14753.5	—



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

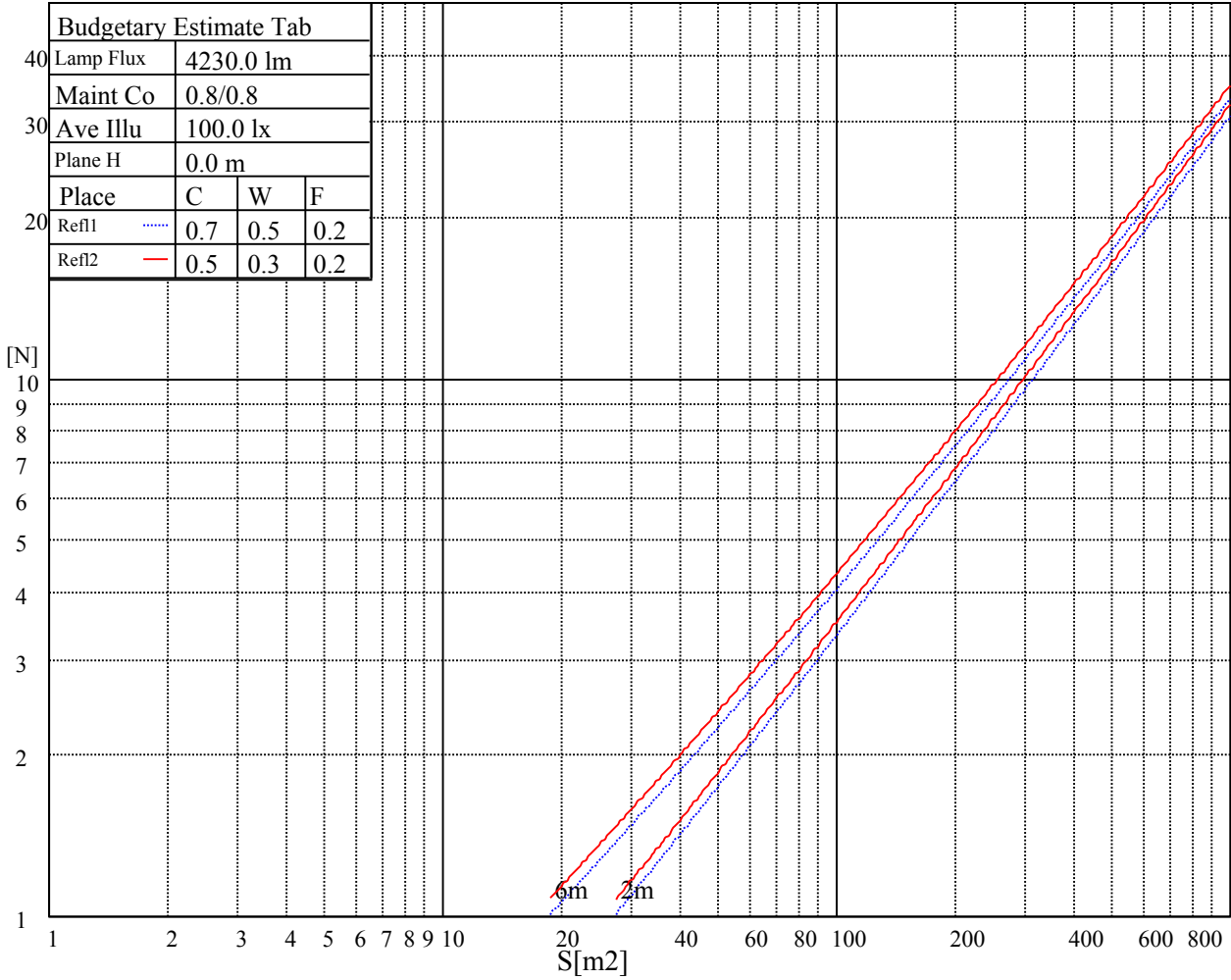
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

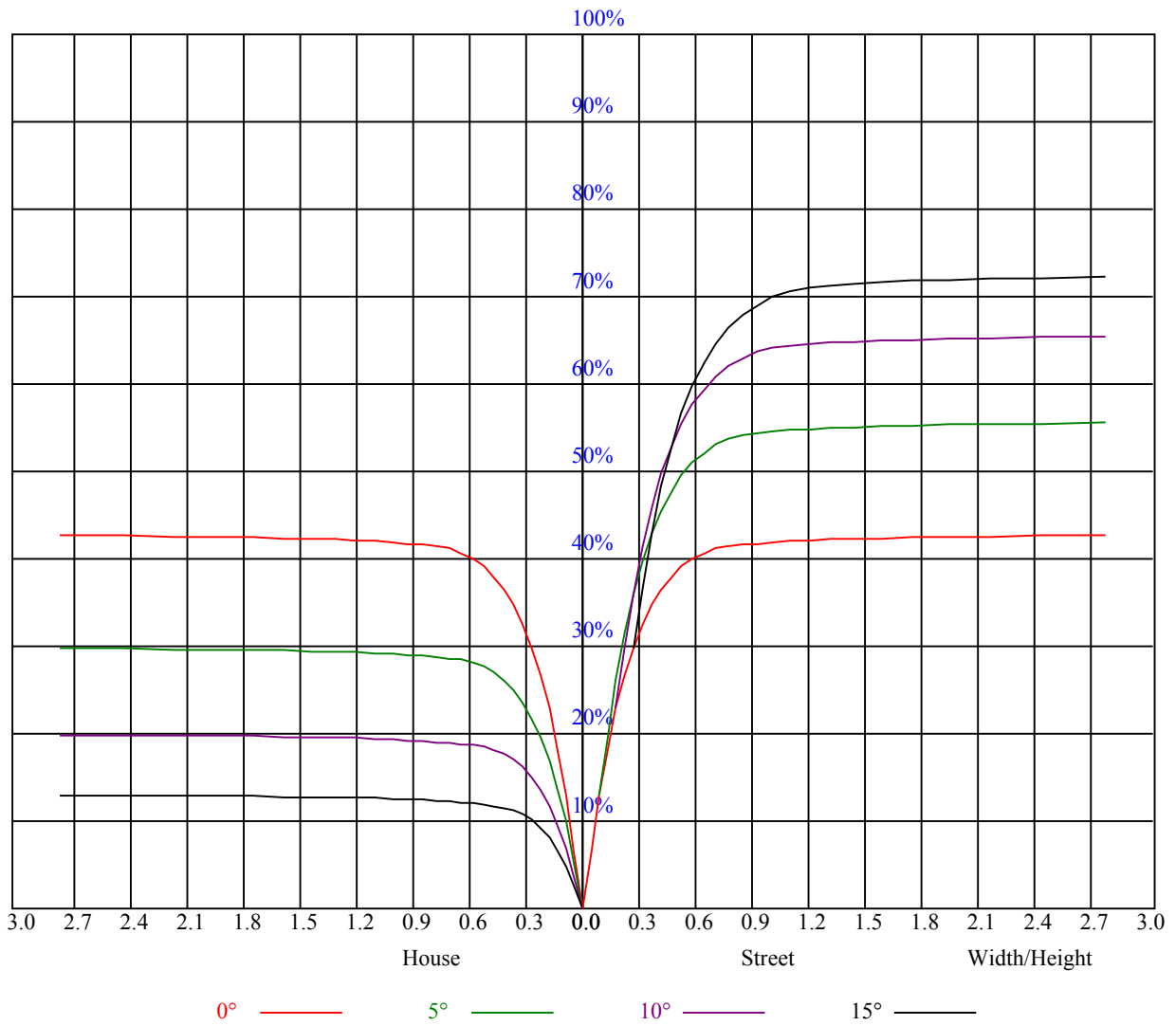


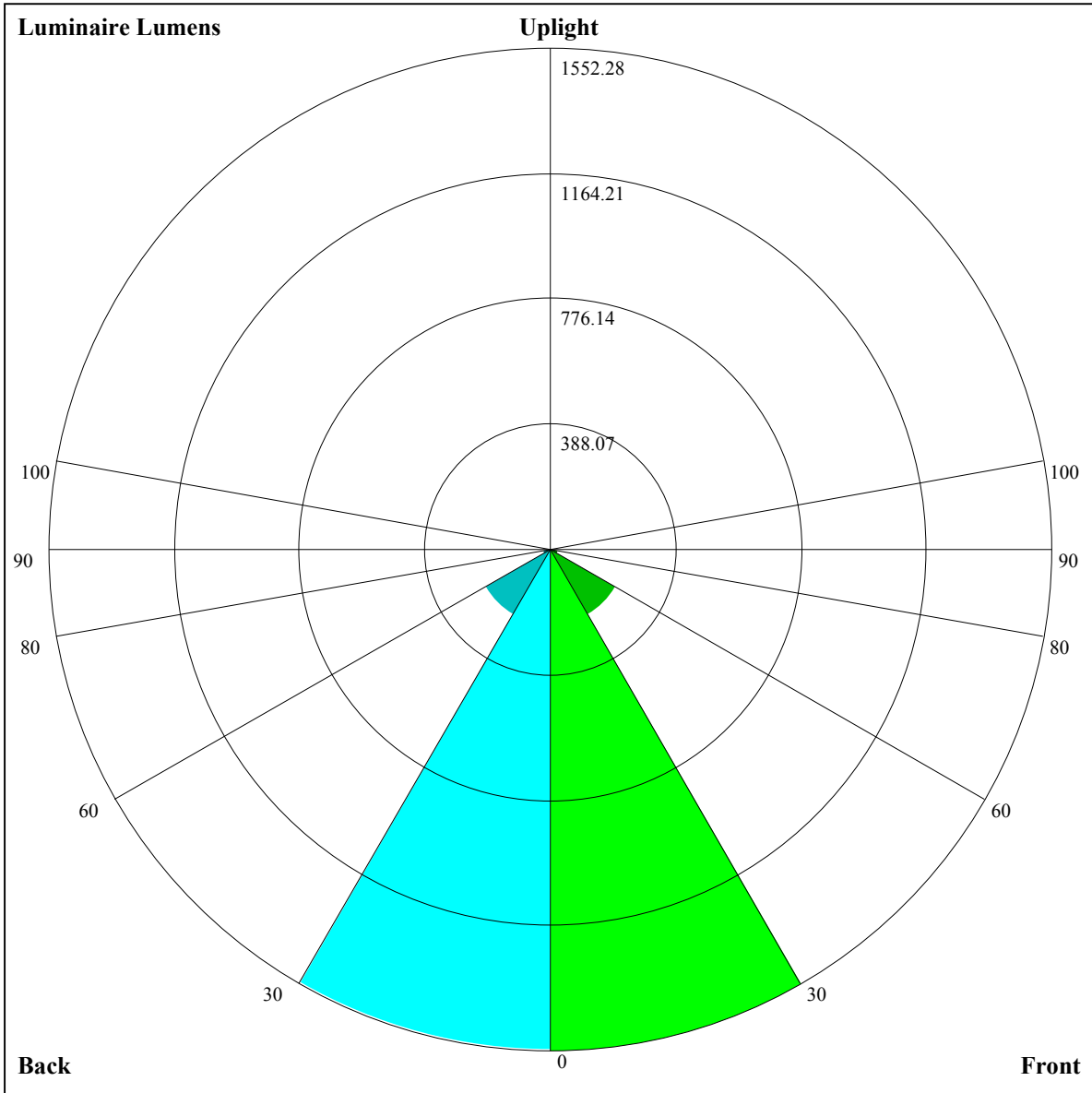
Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	3H	非数字	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	1.02	1.02	1.02	1.00	1.00	1.00	0.96	0.96	0.96	0.91	0.91	0.91	0.88	0.88	0.88	0.86
1	0.96	0.94	0.92	0.94	0.92	0.91	0.91	0.89	0.88	0.87	0.86	0.85	0.85	0.84	0.83	0.81
2	0.90	0.87	0.85	0.89	0.86	0.84	0.86	0.84	0.82	0.84	0.82	0.80	0.81	0.80	0.79	0.77
3	0.86	0.82	0.79	0.85	0.81	0.79	0.82	0.80	0.77	0.80	0.78	0.76	0.78	0.77	0.75	0.74
4	0.82	0.78	0.74	0.81	0.77	0.74	0.79	0.76	0.73	0.77	0.74	0.72	0.76	0.73	0.72	0.70
5	0.78	0.74	0.71	0.77	0.73	0.70	0.76	0.72	0.70	0.74	0.71	0.69	0.73	0.70	0.68	0.67
6	0.74	0.70	0.67	0.74	0.70	0.67	0.73	0.69	0.66	0.71	0.68	0.66	0.70	0.68	0.66	0.65
7	0.71	0.67	0.64	0.71	0.67	0.64	0.70	0.66	0.64	0.69	0.66	0.63	0.68	0.65	0.63	0.62
8	0.69	0.64	0.62	0.68	0.64	0.61	0.67	0.64	0.61	0.66	0.63	0.61	0.66	0.63	0.61	0.60
9	0.66	0.62	0.59	0.66	0.62	0.59	0.65	0.61	0.59	0.64	0.61	0.59	0.64	0.61	0.59	0.58
10	0.64	0.60	0.57	0.63	0.60	0.57	0.63	0.59	0.57	0.62	0.59	0.57	0.62	0.59	0.57	0.56





Luminaire Lumens:

FL=1552.28,FM=233.26,FH=26.56,FVH=8.94

BL=1552.25,BM=231.76,BH=26.5,BVH=8.91

UL=0,UH=0

BUG Rating:B3-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	16407.37	16184.98	15669.98	14956.01	14101.58	11619.70	11619.70	10372.59	9200.38
45.0	16313.73	16454.19	16261.06	15804.59	15119.87	14054.76	13059.88	11930.40	10402.96
90.0	16442.48	16190.83	15728.51	14862.37	13996.24	11579.32	11579.32	10377.85	9236.08
135.0	16407.37	16419.07	16149.87	15623.17	14686.81	13773.86	12755.56	11643.64	10145.46
180.0	16407.37	16325.44	15956.74	15342.26	14353.23	13411.02	12029.89	10800.91	9607.05
225.0	16313.73	15757.77	15073.06	14242.04	11425.41	11425.41	10460.96	9237.84	8187.94
270.0	16442.48	16337.14	15945.04	15295.44	14253.74	13258.86	12100.11	10847.73	9326.15
315.0	16407.37	16015.27	15406.63	14400.05	11366.88	11366.88	11043.84	9492.41	8423.20
360.0	16407.37	16184.98	15669.98	14956.01	14101.58	11619.70	11619.70	10372.59	9200.38
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	7957.36	7131.61	6434.61	5681.42	5167.01	4611.63	4221.87	3866.64	3478.64
45.0	9250.07	8231.77	7365.64	6464.40	5879.17	5340.76	4866.73	4351.73	3983.04
90.0	8229.49	7183.11	6489.62	5897.96	5368.33	4777.84	4376.96	4000.66	3585.15
135.0	9039.39	8073.76	7049.62	6388.32	5814.80	5153.49	4697.02	4193.72	3842.59
180.0	8284.45	7389.05	6639.96	6002.07	5317.35	4837.47	4421.96	4041.56	3620.20
225.0	7294.30	6397.15	5782.67	5253.62	4696.49	4296.20	3944.48	3542.43	3245.13
270.0	8290.30	7394.90	6645.82	5861.61	5323.21	4849.17	4340.03	3983.04	3579.24
315.0	7499.13	6569.21	5940.09	5396.42	4921.80	4414.41	4046.89	3710.39	3403.14
360.0	7957.36	7131.61	6434.61	5681.42	5167.01	4611.63	4221.87	3866.64	3478.64
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	3200.07	2946.08	2709.07	2440.45	2242.64	2060.64	1899.70	1732.91	1627.57
45.0	3649.46	3292.48	3034.98	2970.60	2708.48	2313.45	2085.22	1920.77	1779.14
90.0	3298.39	2967.73	2733.64	2511.26	2259.03	2079.36	1920.18	1786.75	1646.30
135.0	3526.57	3233.95	2976.45	2976.45	2469.12	2271.32	2050.69	1895.60	1765.68
180.0	3315.88	3029.12	2958.90	2702.04	2312.87	2086.97	1930.13	1792.60	1649.81
225.0	2915.65	2674.54	2456.25	2262.54	2038.98	1885.07	1749.88	1639.27	1546.81
270.0	3280.77	2999.86	2999.86	2493.12	2290.04	2109.21	1951.78	1772.71	1653.32
315.0	3056.10	2807.38	2577.39	2326.33	2147.25	1944.76	1800.80	1683.75	1584.85
360.0	3200.07	2946.08	2709.07	2440.45	2242.64	2060.64	1899.70	1732.91	1627.57
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	1534.52	1326.76	1165.12	1165.12	1005.88	879.59	756.23	606.00	492.41
45.0	1664.44	1570.22	1448.49	1336.13	1213.82	1086.24	924.71	794.21	635.61
90.0	1549.15	1452.59	1149.15	1149.15	1052.82	920.03	788.59	628.94	507.74
135.0	1656.83	1538.62	1433.86	1313.30	1151.78	1020.69	859.17	733.93	612.20
180.0	1555.00	1461.37	1353.10	1196.26	1066.92	937.59	807.08	653.75	539.05
225.0	1439.13	1144.58	1144.58	1048.72	917.11	753.54	628.53	509.91	374.66
270.0	1555.00	1473.66	1341.39	1219.08	1092.67	929.40	798.89	670.14	521.49
315.0	1471.31	1143.35	1143.35	1111.28	948.36	820.78	696.18	579.02	442.72
360.0	1534.52	1326.76	1165.12	1165.12	1005.88	879.59	756.23	606.00	492.41
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	386.13	290.27	189.85	133.14	106.51	99.25	93.52	89.31	83.10
45.0	516.23	404.45	304.38	304.38	139.69	111.95	101.30	95.51	90.83
90.0	396.55	278.27	201.02	136.06	112.95	104.93	98.79	92.52	87.78
135.0	499.26	366.41	317.25	317.25	131.73	104.99	98.61	92.99	88.37
180.0	433.13	315.49	315.49	216.18	114.24	102.53	96.15	89.95	84.45
225.0	281.96	204.59	147.07	110.02	102.12	96.15	91.12	84.33	81.11
270.0	410.30	313.15	313.15	144.32	109.67	97.56	93.28	89.42	82.58
315.0	343.53	234.73	166.96	119.39	95.98	90.71	85.85	80.76	77.43
360.0	386.13	290.27	189.85	133.14	106.51	99.25	93.52	89.31	83.10

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	78.95	76.14	72.86	70.58	69.06	66.60	65.43	65.08	64.02
45.0	86.26	82.11	79.30	75.96	72.51	70.46	69.17	67.59	65.95
90.0	83.16	79.71	76.14	73.21	70.70	68.12	66.89	66.66	64.96
135.0	84.27	81.35	78.42	74.56	72.16	70.17	68.47	67.18	66.31
180.0	80.12	75.79	73.09	70.34	68.00	65.90	63.61	63.20	62.50
225.0	77.89	74.15	70.46	68.94	66.48	65.02	63.73	62.74	62.44
270.0	79.36	76.02	73.45	70.34	68.71	66.66	64.96	64.84	64.20
315.0	74.97	72.22	68.88	67.24	65.72	63.79	62.97	62.38	61.45
360.0	78.95	76.14	72.86	70.58	69.06	66.60	65.43	65.08	64.02
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	63.03	62.85	62.21	61.16	59.11	54.89	50.10	45.00	41.79
45.0	64.96	64.73	65.02	64.02	61.98	59.87	56.59	51.50	46.00
90.0	64.67	64.43	63.61	62.50	59.87	55.42	50.68	46.29	42.96
135.0	65.31	64.90	64.96	63.79	61.92	59.58	56.06	49.98	46.23
180.0	61.33	60.86	60.22	59.40	57.18	53.61	49.51	45.35	41.96
225.0	62.21	61.27	60.16	57.76	54.95	50.56	45.53	42.19	37.40
270.0	62.91	63.09	62.74	62.15	59.11	55.71	51.21	46.70	42.43
315.0	60.63	60.57	59.81	57.88	54.89	50.68	45.41	41.73	37.57
360.0	63.03	62.85	62.21	61.16	59.11	54.89	50.10	45.00	41.79
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	36.81	31.43	28.38	25.87	24.29	23.53	22.88	22.24	21.65
45.0	42.72	37.69	32.66	28.73	26.22	24.70	23.70	23.00	22.30
90.0	36.93	32.36	29.03	26.57	24.70	23.82	22.88	22.30	21.77
135.0	42.60	36.17	32.25	29.14	26.16	24.87	24.11	23.23	22.59
180.0	36.81	32.19	28.79	26.16	24.11	23.23	22.53	21.83	21.36
225.0	31.72	28.38	25.28	24.05	23.23	22.41	21.89	21.42	21.01
270.0	37.69	32.42	28.15	25.75	24.17	23.41	22.77	22.18	21.59
315.0	32.95	28.27	25.81	24.17	23.29	22.47	21.89	21.30	20.83
360.0	36.81	31.43	28.38	25.87	24.29	23.53	22.88	22.24	21.65
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	21.19	20.83	20.48	20.07	19.78	19.49	19.08	18.67	18.14
45.0	21.71	21.30	20.83	20.42	20.13	19.84	19.55	19.08	18.73
90.0	21.19	20.78	20.42	20.07	19.72	19.37	19.08	18.67	18.14
135.0	22.06	21.54	21.07	20.60	20.25	19.90	19.55	19.14	18.55
180.0	20.89	20.48	20.13	19.78	19.43	19.14	18.84	18.49	18.02
225.0	20.48	20.19	19.90	19.61	19.20	18.90	18.55	18.02	17.73
270.0	21.13	20.78	20.42	20.07	19.84	19.55	19.25	18.84	18.43
315.0	20.48	20.13	19.78	19.49	19.25	18.96	18.61	18.20	17.85
360.0	21.19	20.83	20.48	20.07	19.78	19.49	19.08	18.67	18.14
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	17.73	17.38	16.97	16.50	16.21	15.92	15.57	15.33	15.10
45.0	18.32	17.85	17.38	16.85	16.44	16.15	15.80	15.57	15.33
90.0	17.73	17.32	16.85	16.50	16.15	15.86	15.63	15.39	15.16
135.0	18.20	17.79	17.26	16.85	16.44	16.09	15.80	15.57	15.33
180.0	17.67	17.15	16.80	16.39	16.04	15.74	15.57	15.33	15.04
225.0	17.32	16.91	16.50	16.15	15.80	15.51	15.27	15.10	15.04
270.0	17.91	17.50	16.97	16.62	16.21	15.86	15.57	15.33	15.10
315.0	17.38	16.97	16.62	16.33	16.04	15.68	15.45	15.22	15.10
360.0	17.73	17.38	16.97	16.50	16.21	15.92	15.57	15.33	15.10

Intensity data(cd)

C/γ(°)	90.0
0.0	14.98
45.0	15.04
90.0	15.10
135.0	15.16
180.0	14.98
225.0	15.04
270.0	15.10
315.0	15.10
360.0	14.98