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NT

Client:

LumCAT: 2-2679-L

Luminaire: 92.70.412.00

Report No: 2024316-B016

Ballast type: AC

Test No: 2024316-C016

Voltage(V): 35.090

LampCAT: Fortimo_SLM_C_1205

Current(A): 0.451

Lamp flux(lm): 2703.0

Power (W): 15.825

Number of Lamps: 1

PF: 0.000

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 2293.55, Efficiency(%): 84.85% , Luminous Efficacy(lm/W): 144.93

Central intensity(cd): 7363.360, Maximum intensity(cd): 7363.360

Angle of maximum intensity: C=0.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=24.6

[C90/270]Total=24.6

Field angle(10%Imax): [C0/180]Total=61.4

[C90/270]Total=61.4

Maximum s/h(1/2): C0_180=0.41 C90_270=0.41

Maximum s/h(1/4): C0_180=0.48 C90_270=0.48

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 84.85%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 98.143%

Equipment: GMS1980
Temperature(°C): 25.0

Date: 2024/3/16
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	7363.359	0.000	0	0.00%	0.00%
1.0	7325.174	7.028	7.028	0.26%	0.31%
2.0	7184.573	20.826	27.854	0.77%	1.21%
3.0	6947.923	33.800	61.654	1.25%	2.69%
4.0	6642.362	45.491	107.145	1.68%	4.67%
5.0	6308.052	55.712	162.857	2.06%	7.10%
6.0	5949.822	64.418	227.276	2.38%	9.91%
7.0	5568.035	71.491	298.767	2.64%	13.03%
8.0	5182.006	76.936	375.703	2.85%	16.38%
9.0	4828.018	81.126	456.829	3.00%	19.92%
10.0	4457.205	84.028	540.856	3.11%	23.58%
11.0	4128.016	85.784	626.641	3.17%	27.32%
12.0	3782.441	86.473	713.113	3.20%	31.09%
13.0	3483.391	86.227	799.34	3.19%	34.85%
14.0	3190.413	85.424	884.764	3.16%	38.58%
15.0	2920.697	83.896	968.66	3.10%	42.23%
16.0	2683.096	82.111	1050.772	3.04%	45.81%
17.0	2470.732	80.259	1131.031	2.97%	49.31%
18.0	2274.023	78.231	1209.261	2.89%	52.72%
19.0	2102.040	76.135	1285.396	2.82%	56.04%
20.0	1941.469	74.007	1359.403	2.74%	59.27%
21.0	1800.650	71.856	1431.26	2.66%	62.40%
22.0	1668.169	69.707	1500.967	2.58%	65.44%
23.0	1549.954	67.525	1568.492	2.50%	68.39%
24.0	1394.833	64.384	1632.875	2.38%	71.19%
25.0	1296.946	61.205	1694.081	2.26%	73.86%
26.0	1205.242	59.064	1753.145	2.19%	76.44%
27.0	1117.809	56.834	1809.979	2.10%	78.92%
28.0	1019.791	54.119	1864.099	2.00%	81.28%
29.0	913.939	50.592	1914.69	1.87%	83.48%
30.0	811.290	46.581	1961.271	1.72%	85.51%
31.0	704.977	42.196	2003.467	1.56%	87.35%
32.0	605.935	37.556	2041.023	1.39%	88.99%
33.0	508.700	32.838	2073.86	1.21%	90.42%
34.0	426.227	28.294	2102.154	1.05%	91.66%
35.0	347.463	24.028	2126.182	0.89%	92.70%
36.0	290.125	20.301	2146.483	0.75%	93.59%
37.0	239.613	17.277	2163.76	0.64%	94.34%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	187.857	14.268	2178.028	0.53%	94.96%
39.0	129.591	10.835	2188.864	0.40%	95.44%
40.0	101.339	8.054	2196.918	0.30%	95.79%
41.0	76.321	6.326	2203.244	0.23%	96.06%
42.0	61.573	5.010	2208.254	0.19%	96.28%
43.0	49.868	4.128	2212.382	0.15%	96.46%
44.0	42.487	3.486	2215.868	0.13%	96.61%
45.0	37.067	3.057	2218.925	0.11%	96.75%
46.0	33.073	2.743	2221.668	0.10%	96.87%
47.0	30.212	2.517	2224.185	0.09%	96.98%
48.0	27.857	2.347	2226.533	0.09%	97.08%
49.0	26.057	2.214	2228.747	0.08%	97.17%
50.0	24.631	2.113	2230.86	0.08%	97.27%
51.0	23.519	2.037	2232.897	0.08%	97.36%
52.0	22.692	1.983	2234.88	0.07%	97.44%
53.0	22.122	1.949	2236.829	0.07%	97.53%
54.0	21.807	1.936	2238.766	0.07%	97.61%
55.0	21.690	1.942	2240.707	0.07%	97.70%
56.0	21.763	1.964	2242.671	0.07%	97.78%
57.0	22.012	2.001	2244.672	0.07%	97.87%
58.0	22.319	2.050	2246.722	0.08%	97.96%
59.0	22.575	2.099	2248.821	0.08%	98.05%
60.0	22.677	2.138	2250.959	0.08%	98.14%
61.0	22.473	2.155	2253.114	0.08%	98.24%
62.0	21.851	2.136	2255.249	0.08%	98.33%
63.0	20.922	2.080	2257.33	0.08%	98.42%
64.0	19.656	1.991	2259.321	0.07%	98.51%
65.0	18.332	1.880	2261.201	0.07%	98.59%
66.0	17.030	1.764	2262.965	0.07%	98.67%
67.0	15.940	1.658	2264.623	0.06%	98.74%
68.0	15.106	1.573	2266.196	0.06%	98.81%
69.0	14.550	1.513	2267.709	0.06%	98.87%
70.0	14.243	1.479	2269.187	0.05%	98.94%
71.0	13.906	1.455	2270.642	0.05%	99.00%
72.0	13.482	1.424	2272.066	0.05%	99.06%
73.0	13.168	1.394	2273.46	0.05%	99.12%
74.0	12.838	1.367	2274.827	0.05%	99.18%
75.0	12.560	1.342	2276.169	0.05%	99.24%

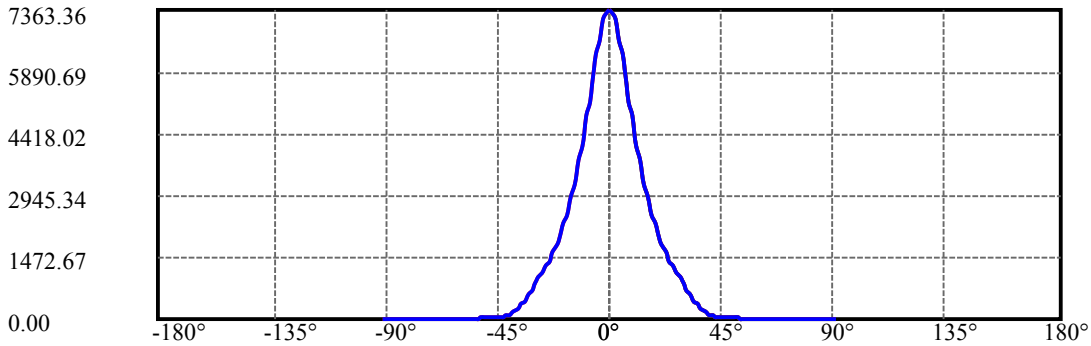
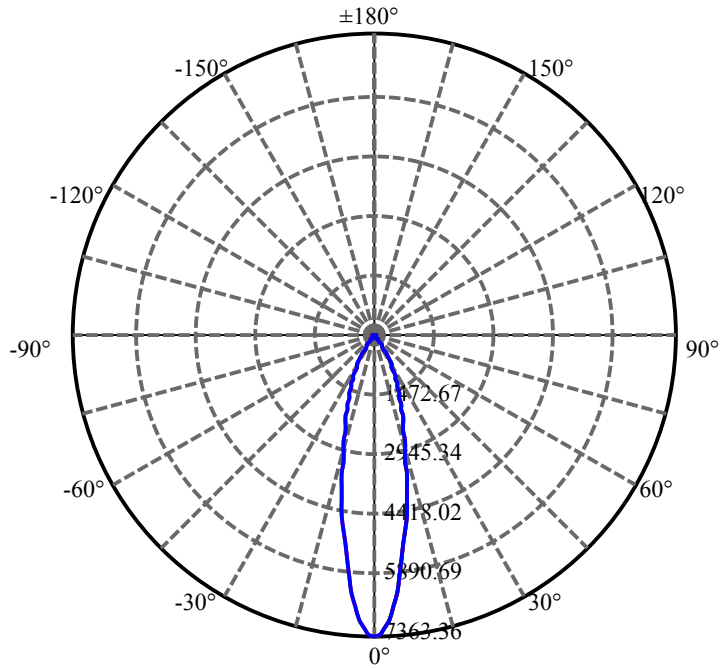
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	12.275	1.318	2277.487	0.05%	99.30%
77.0	12.004	1.294	2278.782	0.05%	99.36%
78.0	11.748	1.272	2280.053	0.05%	99.41%
79.0	11.492	1.249	2281.302	0.05%	99.47%
80.0	11.251	1.226	2282.528	0.05%	99.52%
81.0	10.951	1.201	2283.729	0.04%	99.57%
82.0	10.717	1.175	2284.904	0.04%	99.62%
83.0	10.468	1.152	2286.056	0.04%	99.67%
84.0	10.263	1.129	2287.185	0.04%	99.72%
85.0	10.051	1.109	2288.294	0.04%	99.77%
86.0	9.832	1.087	2289.381	0.04%	99.82%
87.0	9.649	1.066	2290.447	0.04%	99.86%
88.0	9.459	1.047	2291.493	0.04%	99.91%
89.0	9.349	1.031	2292.524	0.04%	99.96%
90.0	9.290	1.022	2293.546	0.04%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	1961.27	72.56%	85.51%
0-40	2196.92	81.28%	95.79%
0-60	2250.96	83.28%	98.14%
0-90	2292.52	84.81%	99.96%
0-120	2292.52	84.81%	99.96%
0-180	2293.55	84.85%	100.00%
60-90	41.57	1.54%	1.81%
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%
0-27.46	1834.84	67.88%	80.00%

ZONAL LUMEN SUMMARY

0-10	540.86
10-20	818.55
20-30	601.87
30-40	235.65
40-50	33.94
50-60	20.10
60-70	18.23
70-80	13.34
80-90	10.00
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: —————

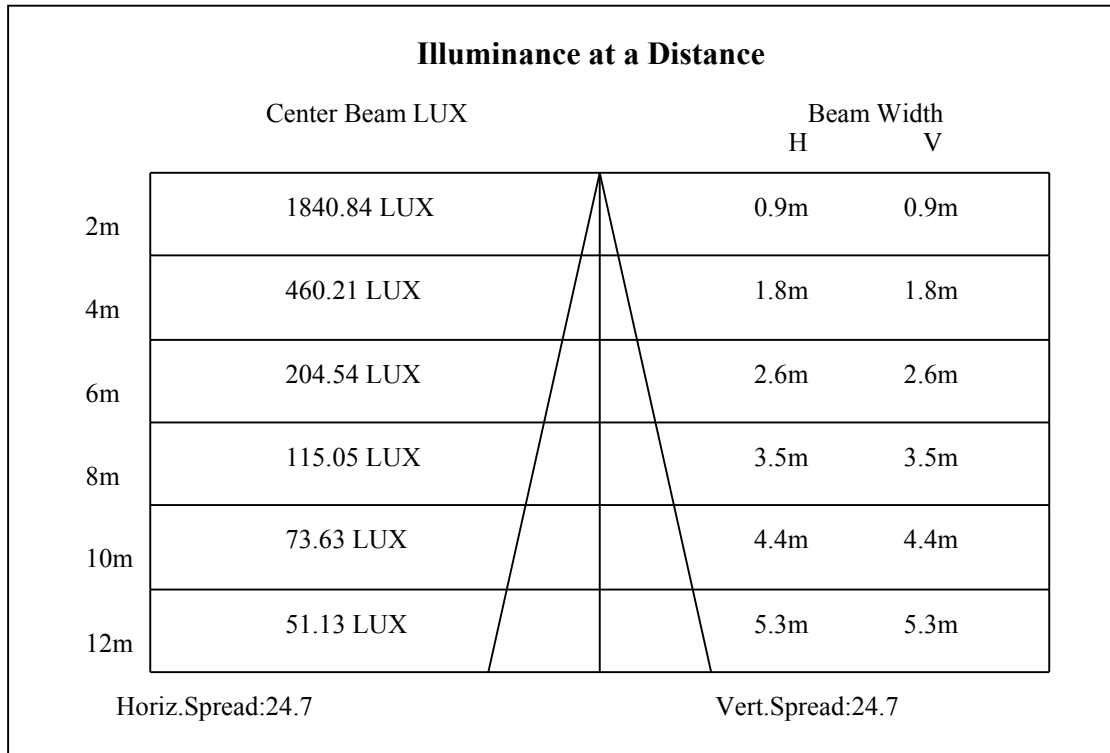
C90/C270: —————

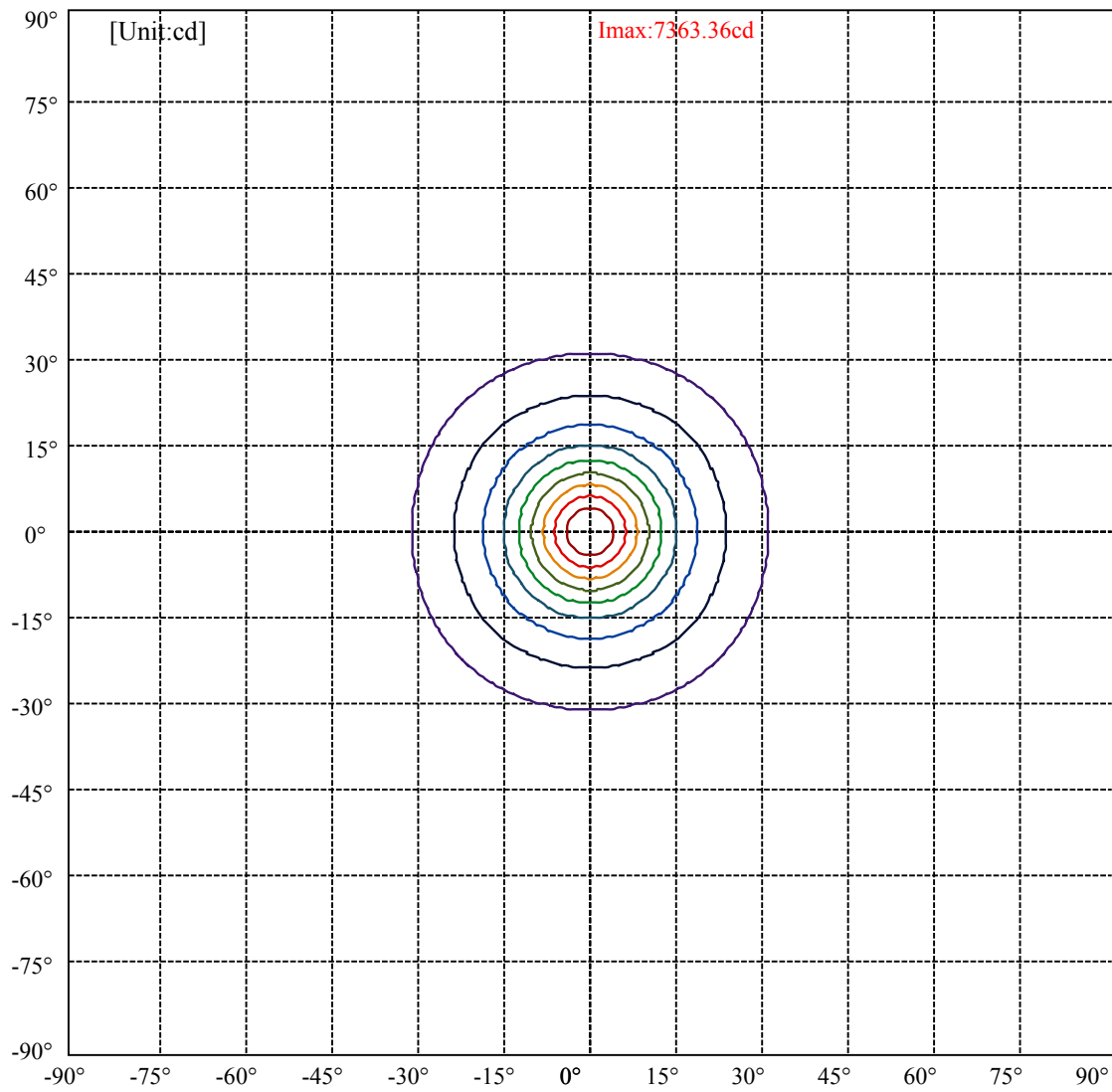
Field angle(10%Imax):C0/180Left:30.7 Right:30.7

:C90/270Left:30.7 Right:30.7

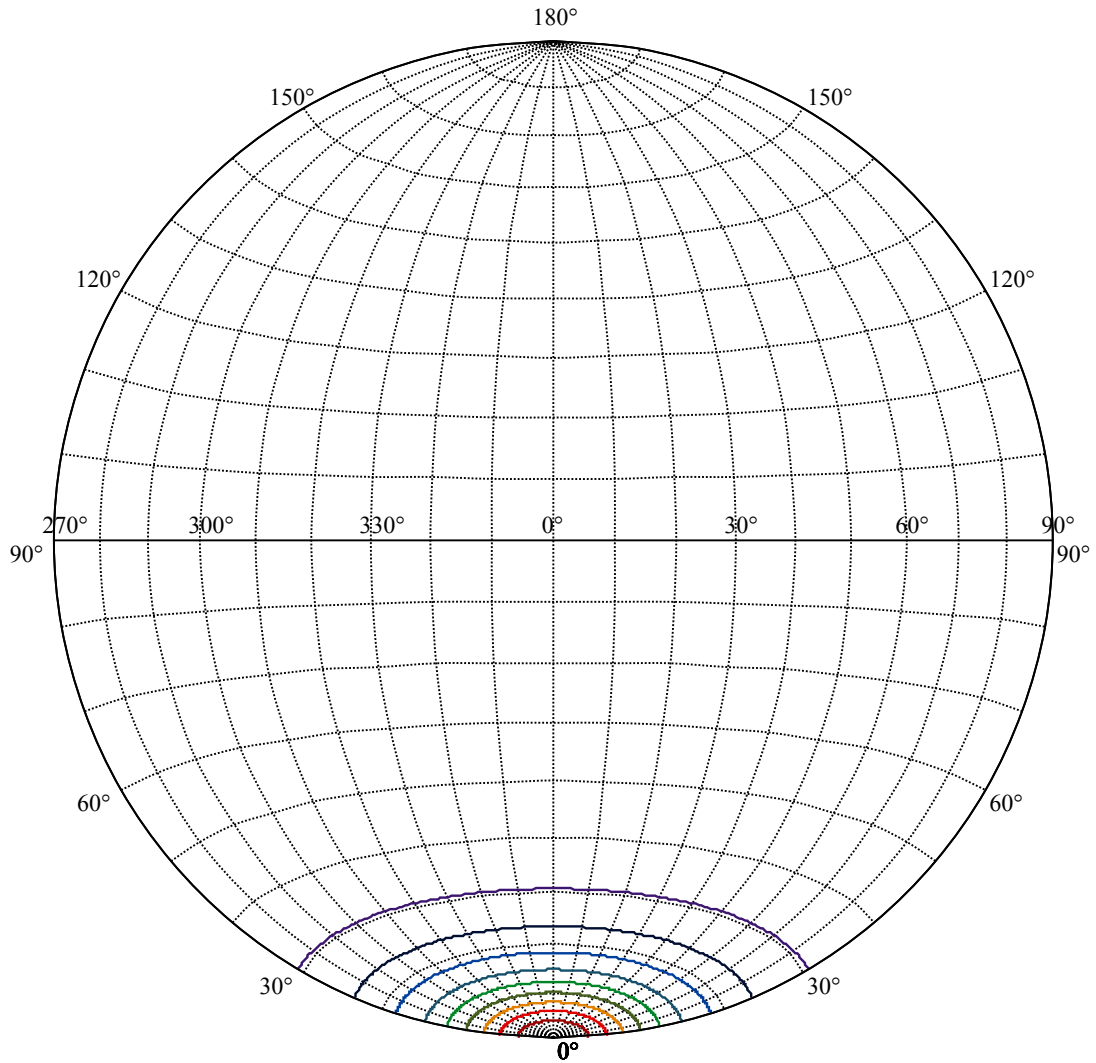
Beam Angle(50%Imax):C0/180Left:12.3 Right:12.3

:C90/270Left:12.3 Right:12.3





(10%Imax) 736.336	—
(20%Imax) 1472.67	—
(30%Imax) 2209.01	—
(40%Imax) 2945.34	—
(50%Imax) 3681.68	—
(60%Imax) 4418.02	—
(70%Imax) 5154.35	—
(80%Imax) 5890.69	—
(90%Imax) 6627.02	—



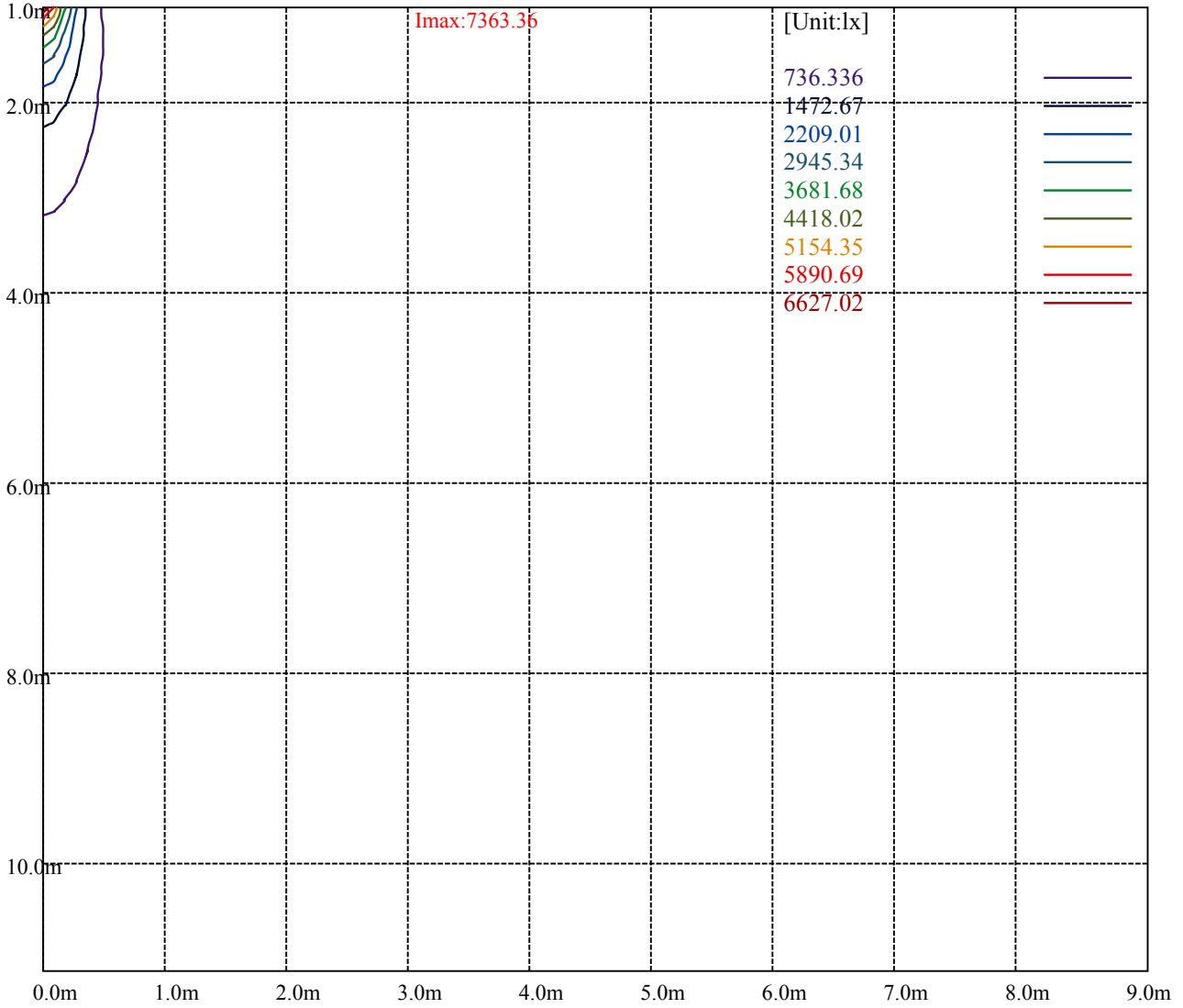
House

[Unit:cd]

Road

Imax:7363.36

(10%Imax)	736.336	—
(20%Imax)	1472.67	—
(30%Imax)	2209.01	—
(40%Imax)	2945.34	—
(50%Imax)	3681.68	—
(60%Imax)	4418.02	—
(70%Imax)	5154.35	—
(80%Imax)	5890.69	—
(90%Imax)	6627.02	—



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

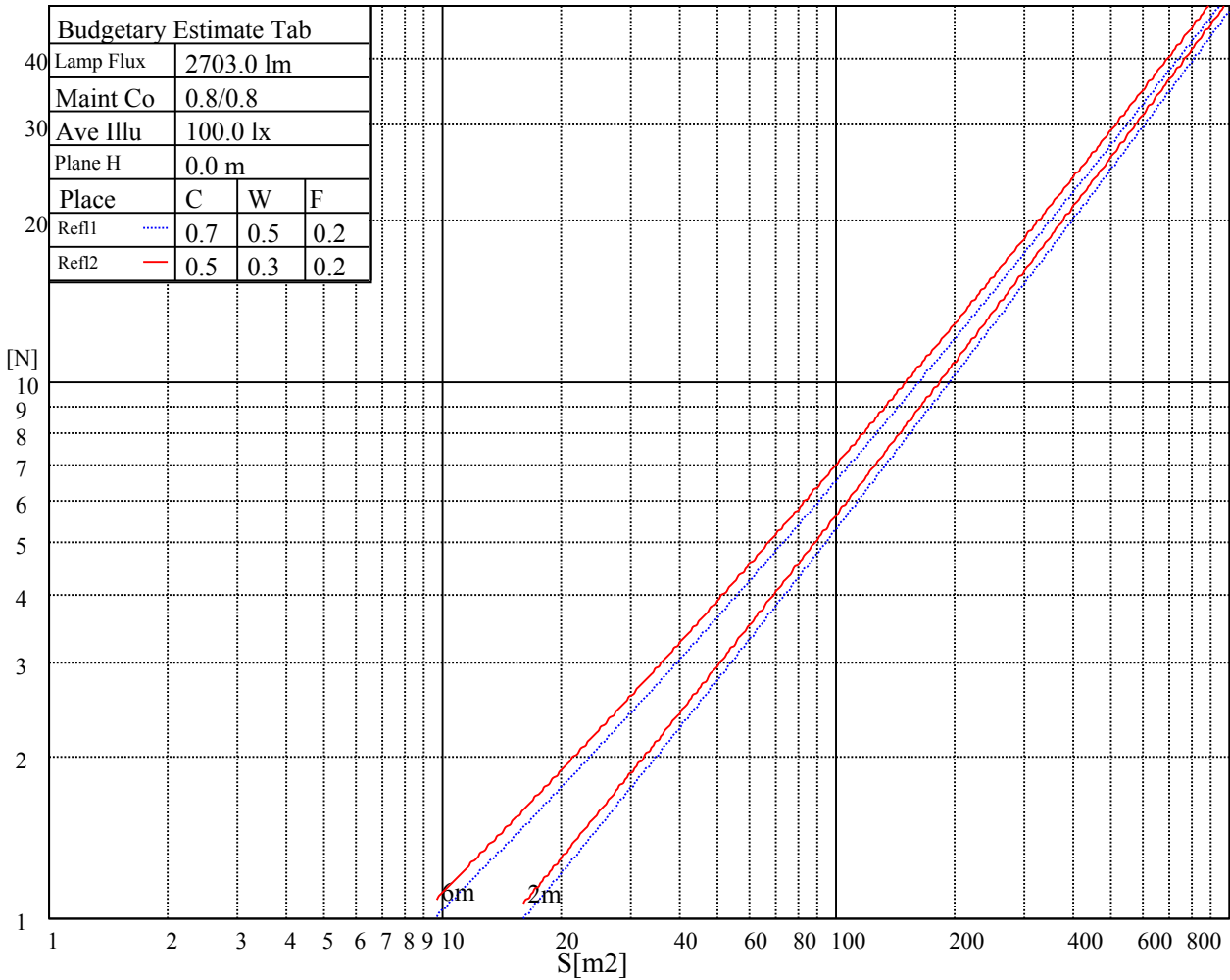
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

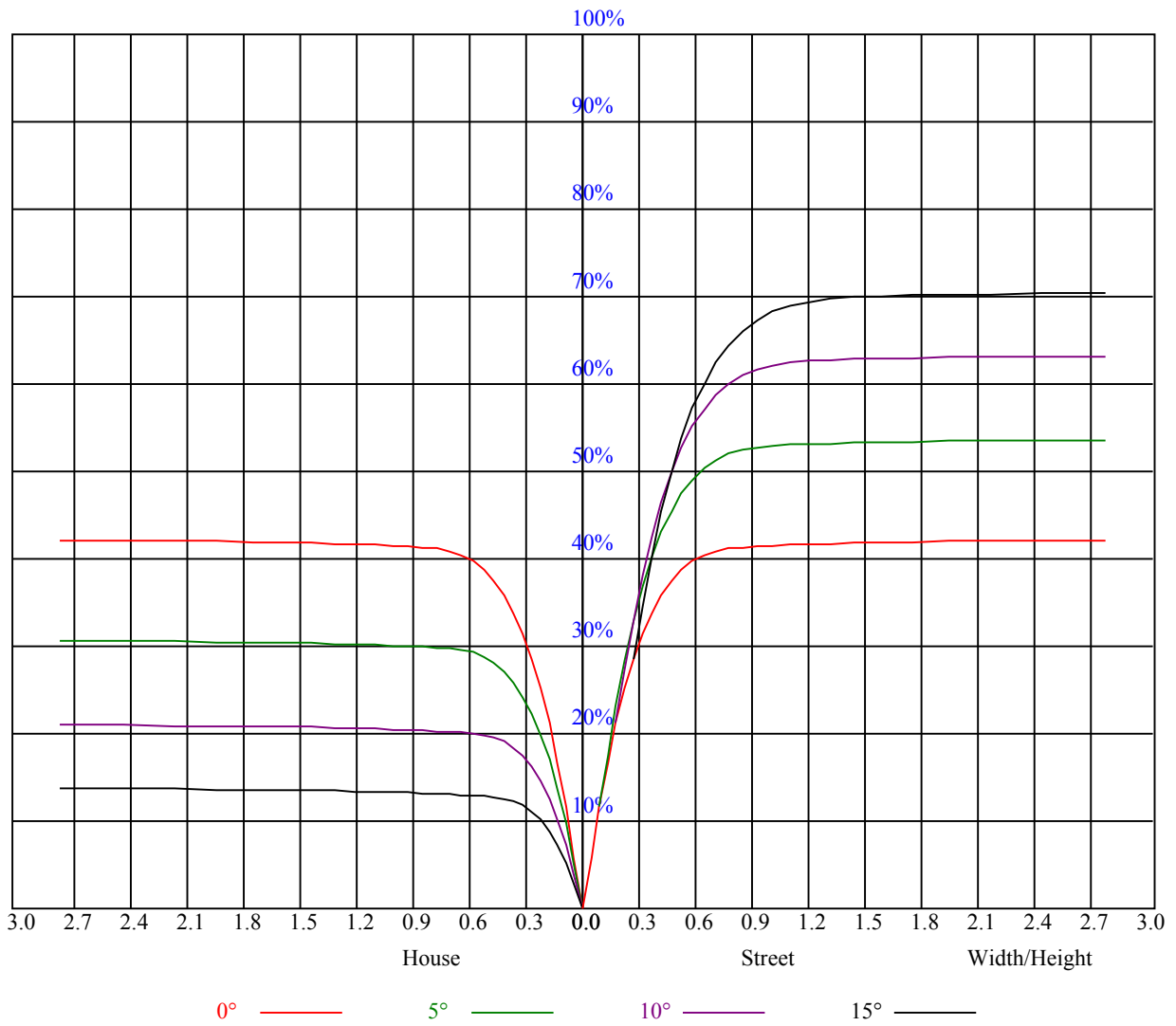


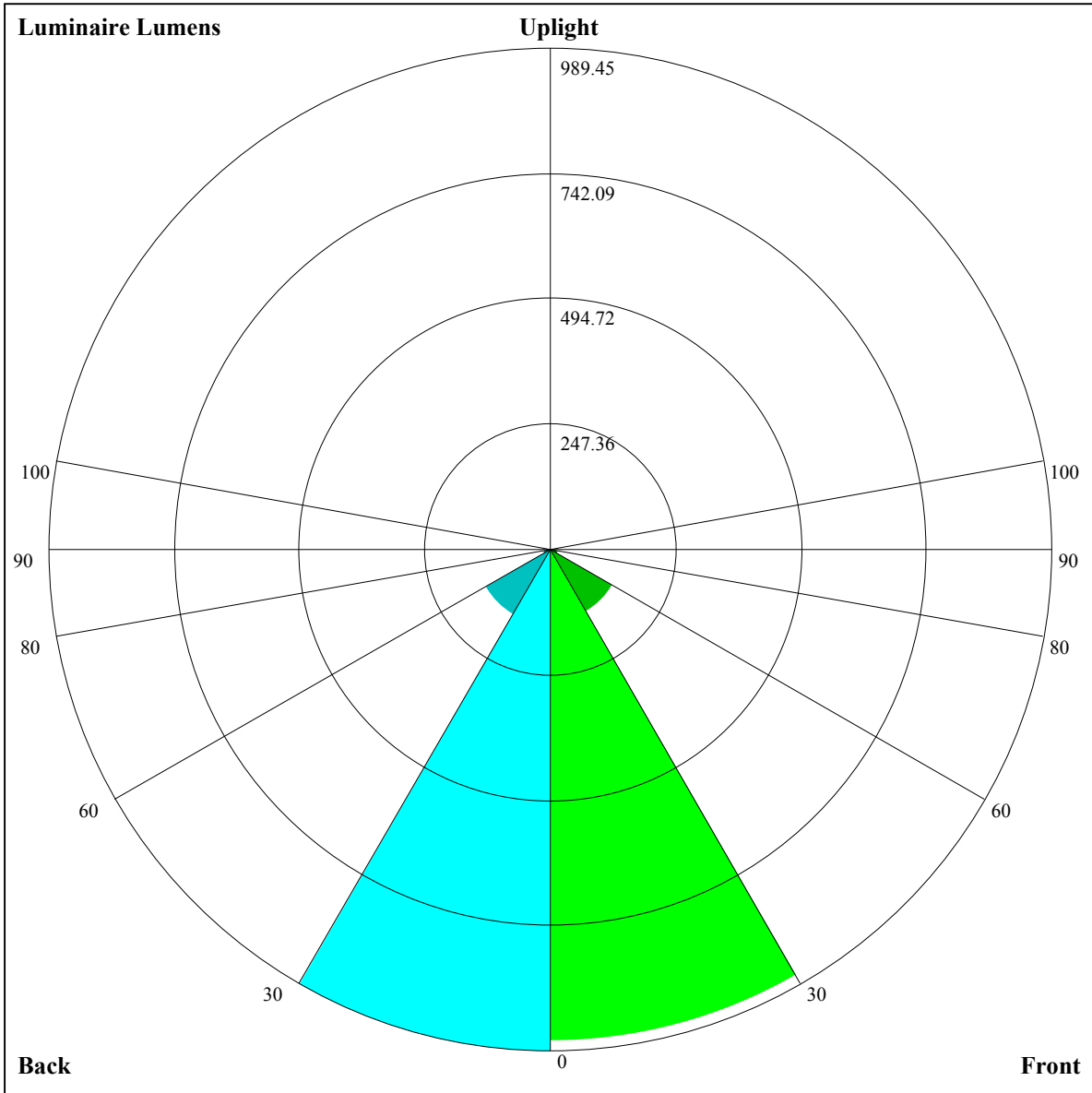
Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	3H	非数字	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	0.94	0.94	0.94	0.90	0.90	0.90	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	0.82	0.82	0.80
2	0.89	0.86	0.83	0.88	0.85	0.83	0.85	0.83	0.81	0.82	0.81	0.79	0.80	0.79	0.77	0.76
3	0.84	0.81	0.78	0.83	0.80	0.77	0.81	0.78	0.76	0.79	0.77	0.75	0.77	0.75	0.73	0.72
4	0.80	0.76	0.73	0.79	0.75	0.72	0.77	0.74	0.72	0.76	0.73	0.71	0.74	0.72	0.70	0.69
5	0.76	0.72	0.69	0.75	0.71	0.68	0.74	0.70	0.68	0.73	0.70	0.67	0.71	0.69	0.67	0.66
6	0.73	0.68	0.65	0.72	0.68	0.65	0.71	0.67	0.65	0.70	0.67	0.64	0.69	0.66	0.64	0.63
7	0.69	0.65	0.62	0.69	0.65	0.62	0.68	0.64	0.62	0.67	0.64	0.61	0.66	0.63	0.61	0.60
8	0.67	0.62	0.59	0.66	0.62	0.59	0.65	0.62	0.59	0.64	0.61	0.59	0.64	0.61	0.59	0.58
9	0.64	0.60	0.57	0.63	0.59	0.57	0.63	0.59	0.57	0.62	0.59	0.56	0.61	0.58	0.56	0.55
10	0.61	0.57	0.55	0.61	0.57	0.55	0.60	0.57	0.54	0.60	0.57	0.54	0.59	0.56	0.54	0.53





Luminaire Lumens:

FL=971.4,FM=143.21,FH=15.82,FVH=5.53

BL=989.45,BM=150.17,BH=15.71,BVH=5.51

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	7352.24	7210.62	6918.00	6617.20	6210.47	5871.04	5516.97	5079.23	4743.89
45.0	7402.57	7379.75	7273.82	7021.00	6725.46	6320.49	5980.47	5625.83	5189.25
90.0	7326.49	7181.94	6959.55	6591.45	6259.63	5923.71	5482.45	5129.56	4786.61
135.0	7372.14	7297.81	7139.22	6827.29	6519.47	6191.74	5848.21	5409.29	5062.25
180.0	7352.24	7399.64	7371.55	7270.89	7016.32	6736.00	6422.90	6003.30	5643.38
225.0	7402.57	7357.51	7173.16	6924.44	6625.98	6309.95	5875.72	5510.54	5143.02
270.0	7326.49	7393.21	7369.21	7252.17	6971.26	6679.82	6369.06	6034.90	5587.20
315.0	7372.14	7380.92	7272.06	7078.94	6810.32	6431.68	6102.78	5751.65	5300.44
360.0	7352.24	7210.62	6918.00	6617.20	6210.47	5871.04	5516.97	5079.23	4743.89
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	4416.75	4012.36	3708.04	3418.94	3154.42	2851.27	2628.89	2435.18	2260.78
45.0	4844.55	4515.07	4198.46	3813.38	3519.60	3242.21	2985.88	2701.46	2498.97
90.0	4461.81	4063.86	3755.45	3466.35	3197.14	2894.00	2670.44	2466.78	2244.40
135.0	4724.58	4326.04	4007.68	3632.55	3348.72	3087.12	2789.24	2572.71	2381.92
180.0	5284.64	4849.82	4517.41	4193.20	3796.41	3505.56	3230.50	2922.67	2701.46
225.0	4713.46	4387.49	4064.45	3686.98	3408.41	3146.23	2851.86	2633.57	2436.35
270.0	5230.21	4889.03	4563.06	4153.99	3836.79	3474.54	3207.09	2960.71	2680.97
315.0	4948.14	4613.97	4209.58	3894.15	3605.63	3322.38	3001.68	2771.68	2581.00
360.0	4416.75	4012.36	3708.04	3418.94	3154.42	2851.27	2628.89	2435.18	2260.78
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	2066.49	1923.69	1793.19	1643.37	1531.01	1402.26	1148.74	1148.74	1103.79
45.0	2316.96	2114.48	1968.17	1832.98	1679.07	1565.54	1458.44	1330.27	1228.45
90.0	2084.63	1902.62	1773.29	1651.56	1511.69	1408.11	1155.12	1155.12	1108.53
135.0	2208.70	2053.03	1875.70	1751.05	1632.25	1496.48	1393.48	1293.99	1169.92
180.0	2496.63	2314.04	2105.11	1953.54	1822.45	1700.14	1551.49	1457.27	1352.51
225.0	2216.89	2060.64	1919.01	1791.43	1644.54	1536.27	1435.03	1167.52	1167.52
270.0	2478.49	2295.90	2098.09	1951.20	1817.18	1695.46	1548.56	1454.34	1353.68
315.0	2323.40	2151.93	1999.19	1830.06	1707.16	1595.38	1467.80	1368.31	1157.52
360.0	2066.49	1923.69	1793.19	1643.37	1531.01	1402.26	1148.74	1148.74	1103.79
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	980.43	882.87	786.43	690.39	573.58	484.86	405.09	334.51	258.26
45.0	1130.13	1032.98	907.74	807.67	712.28	595.82	506.86	427.27	353.53
90.0	983.53	888.14	789.88	668.97	577.44	489.07	408.96	320.82	259.84
135.0	1070.44	975.04	855.07	756.17	662.53	571.24	465.90	389.82	321.93
180.0	1238.98	1141.83	1043.51	924.71	822.88	724.57	604.60	514.47	432.54
225.0	1119.07	1029.53	908.21	811.47	713.10	595.88	504.87	424.52	335.10
270.0	1262.39	1141.83	1052.29	957.49	827.57	731.00	610.45	520.91	437.22
315.0	1157.52	1066.10	968.37	873.45	750.43	655.04	562.87	477.49	381.27
360.0	980.43	882.87	786.43	690.39	573.58	484.86	405.09	334.51	258.26
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	206.00	161.76	118.04	92.70	73.56	56.88	47.58	39.85	35.41
45.0	305.55	305.55	166.91	122.49	96.45	72.57	59.22	49.57	42.66
90.0	194.70	152.28	118.04	87.26	69.41	56.53	47.40	39.68	35.29
135.0	306.13	234.21	148.35	115.00	89.54	67.18	54.95	44.42	38.80
180.0	360.56	296.77	296.77	175.63	137.24	100.66	79.12	60.51	50.39
225.0	271.08	215.83	169.07	123.13	95.51	74.97	60.57	48.34	41.79
270.0	363.48	297.94	297.94	174.63	136.06	99.49	78.24	63.09	52.32
315.0	313.51	252.58	187.74	145.90	112.95	82.28	65.49	53.49	43.25
360.0	206.00	161.76	118.04	92.70	73.56	56.88	47.58	39.85	35.41

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	32.13	29.61	27.10	25.57	24.29	23.35	22.41	21.95	21.77
45.0	36.69	33.12	30.43	28.21	25.98	24.64	23.58	22.77	22.12
90.0	32.01	29.44	27.04	25.46	24.17	23.00	22.36	21.89	21.59
135.0	34.59	30.78	28.44	26.51	24.64	23.47	22.53	21.95	21.48
180.0	43.25	37.10	33.53	30.84	28.68	26.45	25.05	23.94	23.06
225.0	37.10	32.83	30.26	27.74	26.10	24.81	23.76	22.82	22.30
270.0	43.01	37.92	34.12	30.67	28.50	26.69	24.99	23.88	22.88
315.0	37.75	33.77	30.78	27.86	26.10	24.64	23.47	22.36	21.77
360.0	32.13	29.61	27.10	25.57	24.29	23.35	22.41	21.95	21.77
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	21.65	21.83	22.06	22.53	22.88	22.94	22.65	22.06	21.07
45.0	21.83	21.71	21.71	21.95	22.30	22.59	22.71	22.59	22.00
90.0	21.59	21.77	22.06	22.30	22.65	22.77	22.53	21.95	21.01
135.0	21.30	21.24	21.48	21.83	22.24	22.53	22.53	22.24	21.30
180.0	22.30	21.89	21.71	21.77	21.95	22.24	22.71	22.82	22.65
225.0	21.95	21.77	21.89	22.12	22.41	22.82	22.94	22.77	22.06
270.0	22.36	22.00	21.89	21.95	22.24	22.47	22.82	23.00	22.71
315.0	21.48	21.30	21.30	21.65	21.89	22.24	22.53	22.36	22.00
360.0	21.65	21.83	22.06	22.53	22.88	22.94	22.65	22.06	21.07
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	19.96	18.32	17.09	16.15	15.39	14.69	14.51	14.81	14.81
45.0	21.13	20.13	18.79	17.26	16.27	15.57	15.22	15.68	15.27
90.0	19.55	18.20	16.97	15.98	14.98	14.46	13.93	13.58	13.28
135.0	20.25	18.96	17.50	16.09	15.16	14.51	13.99	13.52	13.17
180.0	22.12	21.19	20.01	18.32	17.03	15.98	15.04	14.34	13.87
225.0	21.01	19.84	18.14	16.85	15.86	14.86	14.34	13.87	13.58
270.0	22.18	20.89	19.66	18.38	16.74	15.74	14.98	14.22	13.81
315.0	21.19	19.72	18.49	17.21	16.09	15.04	14.40	13.93	13.46
360.0	19.96	18.32	17.09	16.15	15.39	14.69	14.51	14.81	14.81
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	14.51	14.16	13.40	12.87	12.35	12.00	11.70	11.41	11.18
45.0	14.16	13.52	13.05	12.82	12.58	12.35	12.06	11.82	11.59
90.0	12.99	12.82	12.58	12.35	12.11	11.82	11.59	11.35	11.12
135.0	12.87	12.58	12.29	12.06	11.82	11.59	11.35	11.12	10.89
180.0	13.52	13.17	12.87	12.64	12.35	12.17	12.00	11.65	11.41
225.0	13.17	12.87	12.70	12.47	12.23	12.00	11.70	11.47	11.18
270.0	13.46	13.17	12.87	12.64	12.41	12.17	11.94	11.70	11.47
315.0	13.17	13.05	12.93	12.64	12.35	11.94	11.65	11.41	11.18
360.0	14.51	14.16	13.40	12.87	12.35	12.00	11.70	11.41	11.18
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	10.77	10.59	10.36	10.18	10.01	9.66	9.48	9.31	9.31
45.0	11.29	11.00	10.71	10.42	10.24	9.89	9.66	9.48	9.31
90.0	10.83	10.65	10.36	10.12	9.77	9.66	9.48	9.31	9.31
135.0	10.65	10.42	10.24	10.07	9.83	9.71	9.54	9.42	9.31
180.0	11.18	10.89	10.65	10.42	10.18	9.95	9.77	9.54	9.42
225.0	10.83	10.59	10.36	10.18	10.07	9.83	9.66	9.48	9.36
270.0	11.18	10.94	10.65	10.48	10.24	10.01	9.83	9.60	9.42
315.0	10.89	10.65	10.42	10.24	10.07	9.95	9.77	9.54	9.36
360.0	10.77	10.59	10.36	10.18	10.01	9.66	9.48	9.31	9.31

Intensity data(cd)

C/γ(°)	90.0
0.0	9.25
45.0	9.31
90.0	9.31
135.0	9.31
180.0	9.25
225.0	9.31
270.0	9.31
315.0	9.31
360.0	9.25