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NT

LumCAT: 2-2641-L
Luminaire: 92.70.412.000
LampCAT: Fortimo_SLM_C_1205
Ballast type: AC
Report No: 20231101-B012
Test No: 20231101-C012
Number of Lamps: 1
Lamp flux(lm): 2563.2
Length(mm): 0
Phm Type: C
Voltage(V): 35.1900
Current(A): 0.4510
Power (W): 15.8700
PF: 0.0000
Width(mm): 0
Height(mm): 0

Photometric Results

Lumens(lm): 2361.28, Efficiency(%): 92.12% , Luminous Efficacy(lm/W): 148.79
Central intensity(cd): 5127.542, Maximum intensity(cd): 5127.542
Angle of maximum intensity: C=0.0 γ =0.0
Beam Angle(50%Imax): [C0/180]Total=37.2
[C90/270]Total=37.2
Field angle(10%Imax): [C0/180]Total=65.6
[C90/270]Total=65.6
Maximum s/h(1/2): C0_180=0.60 C90_270=0.60
Maximum s/h(1/4): C0_180=0.62 C90_270=0.62
Up flux rate of lamp(%): 0.00%
Down flux rate of lamp(%): 92.12%
Up flux rate of LUM(%): - -
Down flux rate of LUM(%): 100.00%
CIE Type : Direct lighting
Output flux ratio in π solid angle : 97.821%

Equipment: GMS1980
Temperature(°C): 0.0

Date: 2023/11/01
Humidity(%): 0.0%

Operator: NT07
Distance(m): 7.44

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	5127.542	0.000	0	0.00%	0.00%
1.0	5116.679	4.902	4.902	0.19%	0.21%
2.0	5086.788	14.645	19.547	0.57%	0.83%
3.0	5031.781	24.200	43.747	0.94%	1.85%
4.0	4964.803	33.462	77.209	1.31%	3.27%
5.0	4875.683	42.333	119.542	1.65%	5.06%
6.0	4770.996	50.696	170.238	1.98%	7.21%
7.0	4649.495	58.473	228.711	2.28%	9.69%
8.0	4507.720	65.536	294.247	2.56%	12.46%
9.0	4365.669	71.914	366.161	2.81%	15.51%
10.0	4184.040	77.372	443.533	3.02%	18.78%
11.0	4016.111	81.936	525.469	3.20%	22.25%
12.0	3834.551	85.819	611.288	3.35%	25.89%
13.0	3651.469	88.840	700.128	3.47%	29.65%
14.0	3460.154	91.028	791.156	3.55%	33.51%
15.0	3268.976	92.380	883.537	3.60%	37.42%
16.0	3083.680	93.084	976.621	3.63%	41.36%
17.0	2872.367	92.752	1069.373	3.62%	45.29%
18.0	2678.907	91.528	1160.901	3.57%	49.16%
19.0	2478.873	89.735	1250.636	3.50%	52.96%
20.0	2268.944	86.898	1337.534	3.39%	56.64%
21.0	2091.605	83.731	1421.266	3.27%	60.19%
22.0	1908.315	80.380	1501.646	3.14%	63.59%
23.0	1743.846	76.632	1578.278	2.99%	66.84%
24.0	1582.905	72.735	1651.013	2.84%	69.92%
25.0	1415.170	68.170	1719.182	2.66%	72.81%
26.0	1242.412	62.733	1781.915	2.45%	75.46%
27.0	1158.191	58.731	1840.646	2.29%	77.95%
28.0	1042.059	55.706	1896.352	2.17%	80.31%
29.0	912.338	51.133	1947.484	1.99%	82.48%
30.0	797.355	46.161	1993.646	1.80%	84.43%
31.0	683.776	41.218	2034.863	1.61%	86.18%
32.0	585.427	36.361	2071.225	1.42%	87.72%
33.0	495.491	31.844	2103.069	1.24%	89.06%
34.0	411.858	27.459	2130.528	1.07%	90.23%
35.0	340.203	23.356	2153.884	0.91%	91.22%
36.0	271.883	19.489	2173.373	0.76%	92.04%
37.0	235.696	16.554	2189.928	0.65%	92.74%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	183.179	13.981	2203.909	0.55%	93.34%
39.0	129.555	10.674	2214.583	0.42%	93.79%
40.0	109.669	8.343	2222.927	0.33%	94.14%
41.0	96.474	7.341	2230.267	0.29%	94.45%
42.0	88.095	6.706	2236.973	0.26%	94.74%
43.0	80.546	6.247	2243.22	0.24%	95.00%
44.0	74.167	5.839	2249.059	0.23%	95.25%
45.0	68.313	5.476	2254.535	0.21%	95.48%
46.0	63.532	5.156	2259.691	0.20%	95.70%
47.0	59.055	4.876	2264.567	0.19%	95.90%
48.0	54.869	4.605	2269.172	0.18%	96.10%
49.0	51.188	4.355	2273.528	0.17%	96.28%
50.0	47.791	4.127	2277.654	0.16%	96.46%
51.0	44.760	3.916	2281.57	0.15%	96.62%
52.0	42.041	3.725	2285.295	0.15%	96.78%
53.0	39.557	3.550	2288.844	0.14%	96.93%
54.0	37.253	3.385	2292.23	0.13%	97.08%
55.0	35.226	3.235	2295.465	0.13%	97.21%
56.0	33.406	3.101	2298.566	0.12%	97.34%
57.0	31.648	2.974	2301.541	0.12%	97.47%
58.0	30.223	2.861	2304.402	0.11%	97.59%
59.0	28.881	2.763	2307.165	0.11%	97.71%
60.0	27.559	2.666	2309.832	0.10%	97.82%
61.0	26.431	2.577	2312.408	0.10%	97.93%
62.0	25.380	2.497	2314.905	0.10%	98.04%
63.0	24.425	2.422	2317.327	0.09%	98.14%
64.0	23.484	2.351	2319.678	0.09%	98.24%
65.0	22.626	2.282	2321.96	0.09%	98.33%
66.0	21.809	2.217	2324.177	0.09%	98.43%
67.0	21.014	2.153	2326.33	0.08%	98.52%
68.0	20.266	2.091	2328.421	0.08%	98.61%
69.0	19.533	2.030	2330.451	0.08%	98.69%
70.0	18.862	1.972	2332.423	0.08%	98.78%
71.0	18.170	1.914	2334.337	0.07%	98.86%
72.0	17.575	1.859	2336.196	0.07%	98.94%
73.0	16.945	1.805	2338.001	0.07%	99.01%
74.0	16.315	1.749	2339.75	0.07%	99.09%
75.0	15.769	1.695	2341.445	0.07%	99.16%

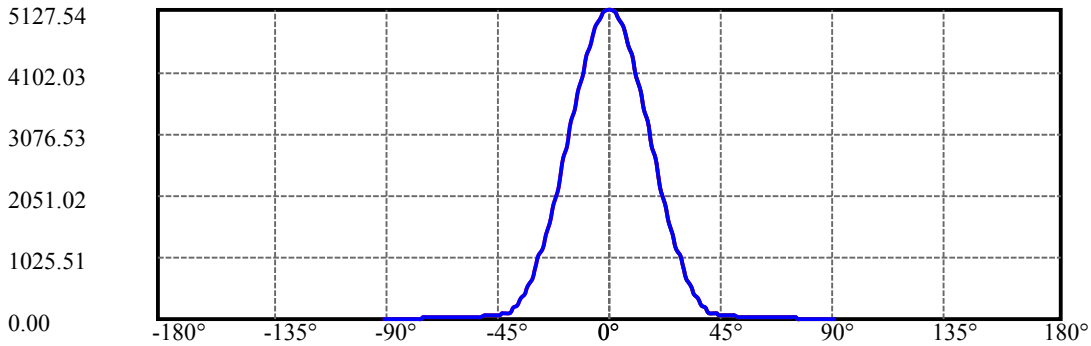
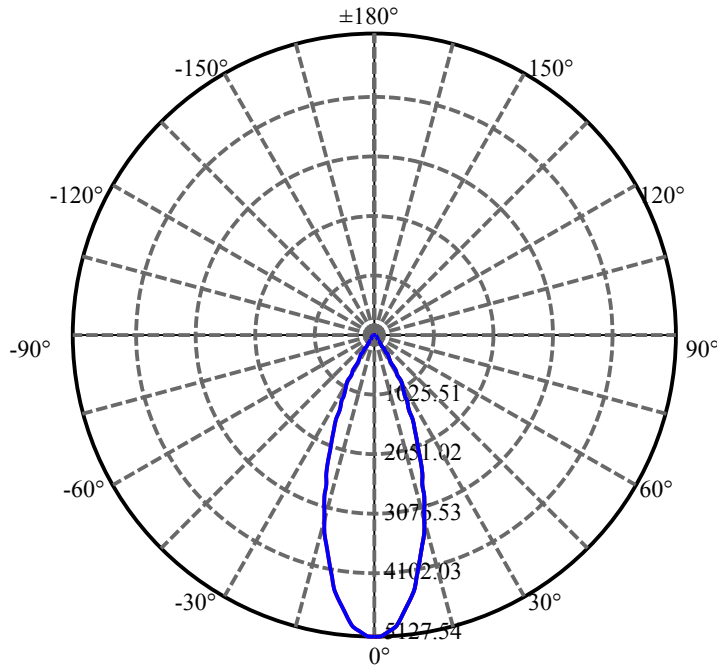
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	15.188	1.643	2343.088	0.06%	99.23%
77.0	14.641	1.590	2344.679	0.06%	99.30%
78.0	14.115	1.539	2346.218	0.06%	99.36%
79.0	13.617	1.490	2347.708	0.06%	99.43%
80.0	13.098	1.440	2349.148	0.06%	99.49%
81.0	12.614	1.390	2350.539	0.05%	99.54%
82.0	12.143	1.343	2351.881	0.05%	99.60%
83.0	11.693	1.296	2353.177	0.05%	99.66%
84.0	11.334	1.254	2354.431	0.05%	99.71%
85.0	10.988	1.218	2355.65	0.05%	99.76%
86.0	10.683	1.185	2356.834	0.05%	99.81%
87.0	10.406	1.154	2357.988	0.05%	99.86%
88.0	10.109	1.124	2359.112	0.04%	99.91%
89.0	9.867	1.095	2360.207	0.04%	99.95%
90.0	9.756	1.076	2361.283	0.04%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	1993.65	77.78%	84.43%
0-40	2222.93	86.72%	94.14%
0-60	2309.83	90.11%	97.82%
0-90	2360.21	92.08%	99.95%
0-120	2360.21	92.08%	99.95%
0-180	2361.28	92.12%	100.00%
60-90	50.38	1.97%	2.13%
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%
0-27.87	1889.03	73.70%	80.00%

ZONAL LUMEN SUMMARY

0-10	443.53
10-20	894.00
20-30	656.11
30-40	229.28
40-50	54.73
50-60	32.18
60-70	22.59
70-80	16.72
80-90	11.06
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: —————

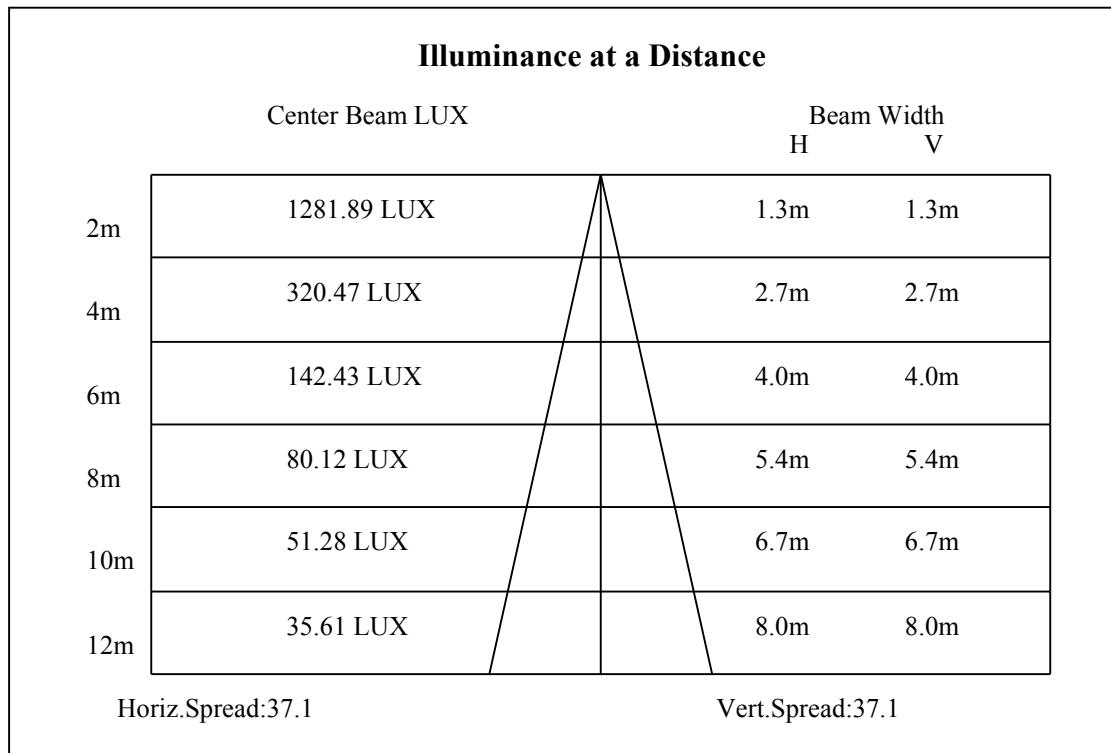
C90/C270: —————

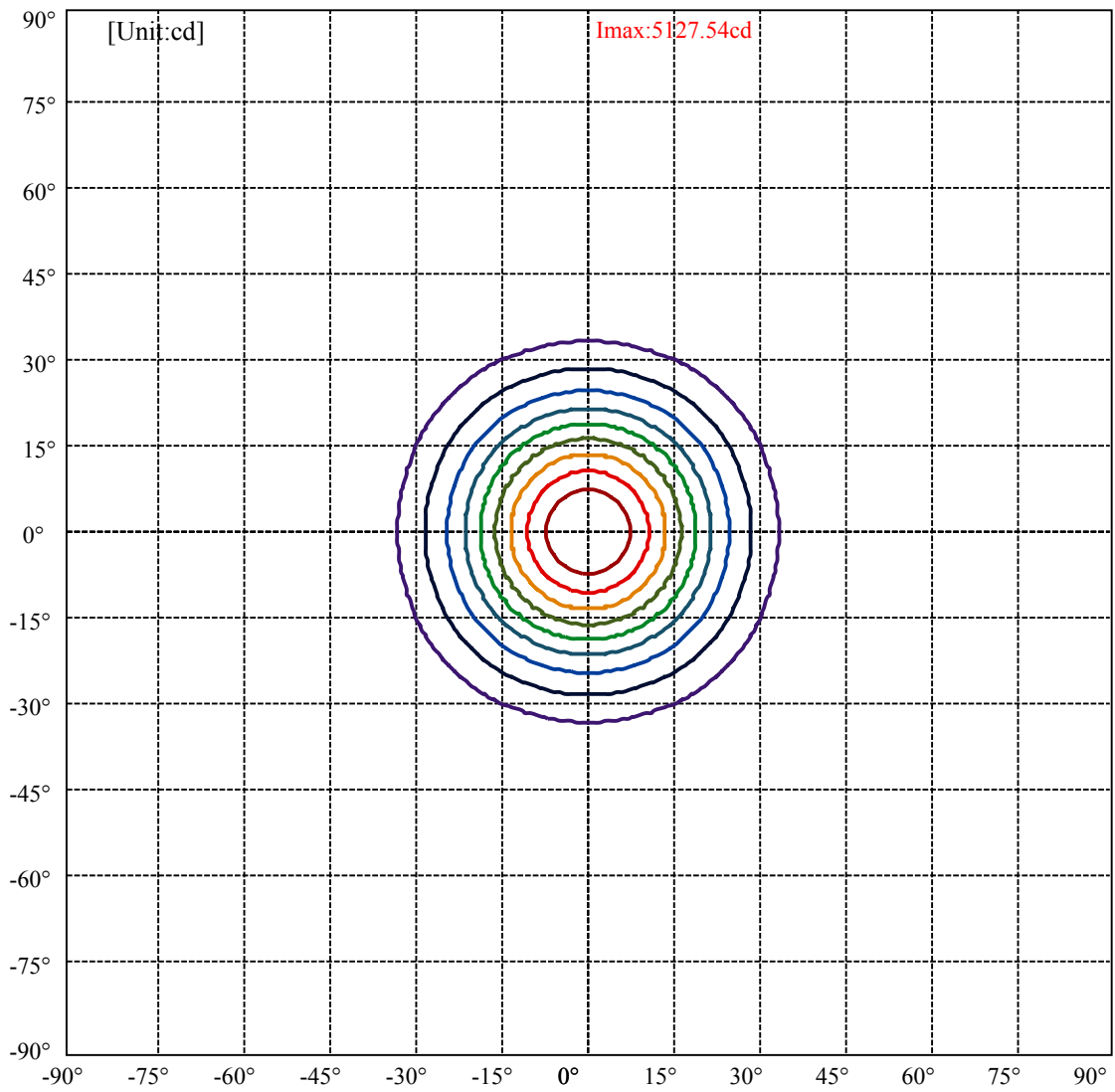
Field angle(10%Imax):C0/180Left:32.8 Right:32.8

:C90/270Left:32.8 Right:32.8

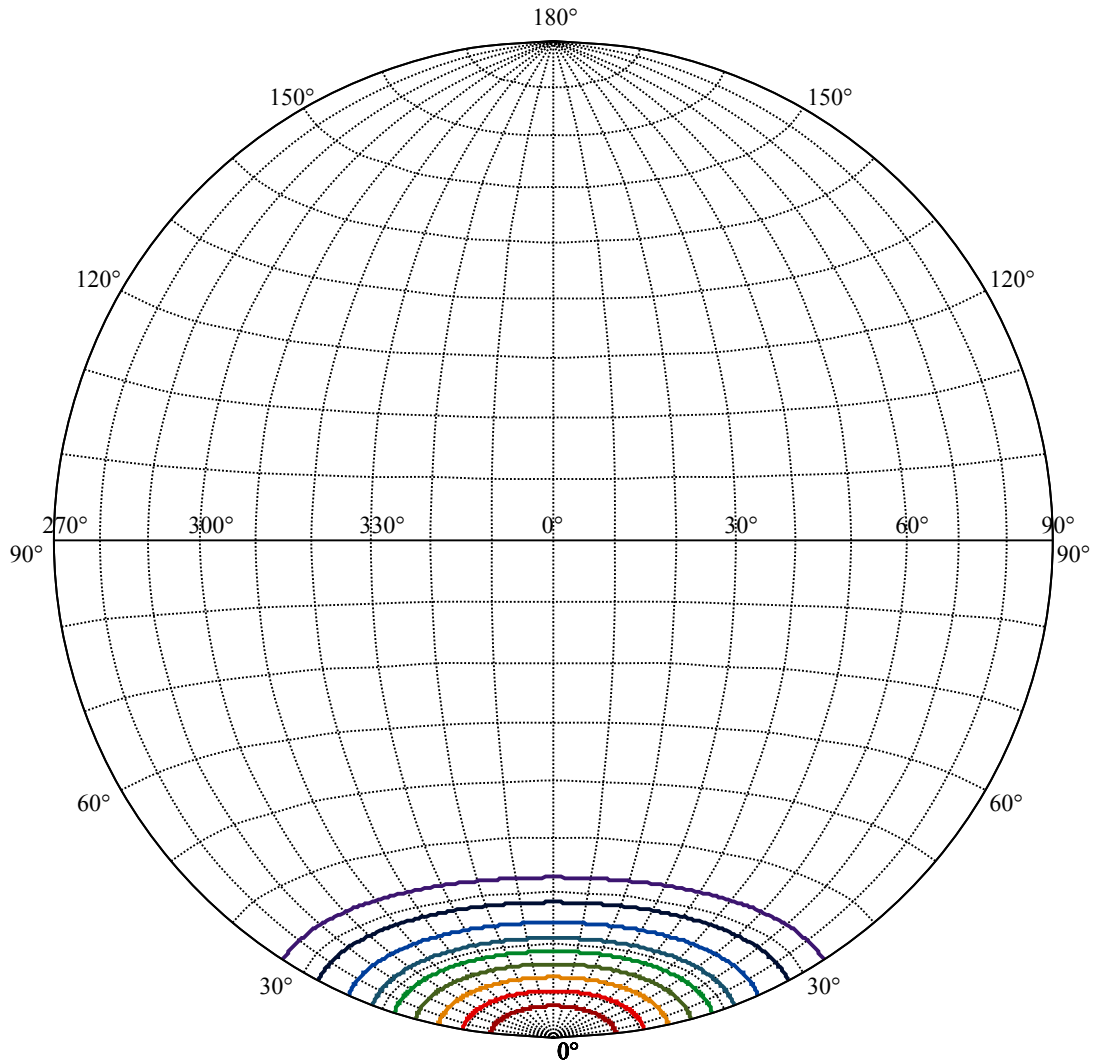
Beam Angle(50%Imax):C0/180Left:18.6 Right:18.6

:C90/270Left:18.6 Right:18.6





(10%Imax) 512.754	—
(20%Imax) 1025.51	—
(30%Imax) 1538.26	—
(40%Imax) 2051.02	—
(50%Imax) 2563.77	—
(60%Imax) 3076.53	—
(70%Imax) 3589.28	—
(80%Imax) 4102.03	—
(90%Imax) 4614.79	—












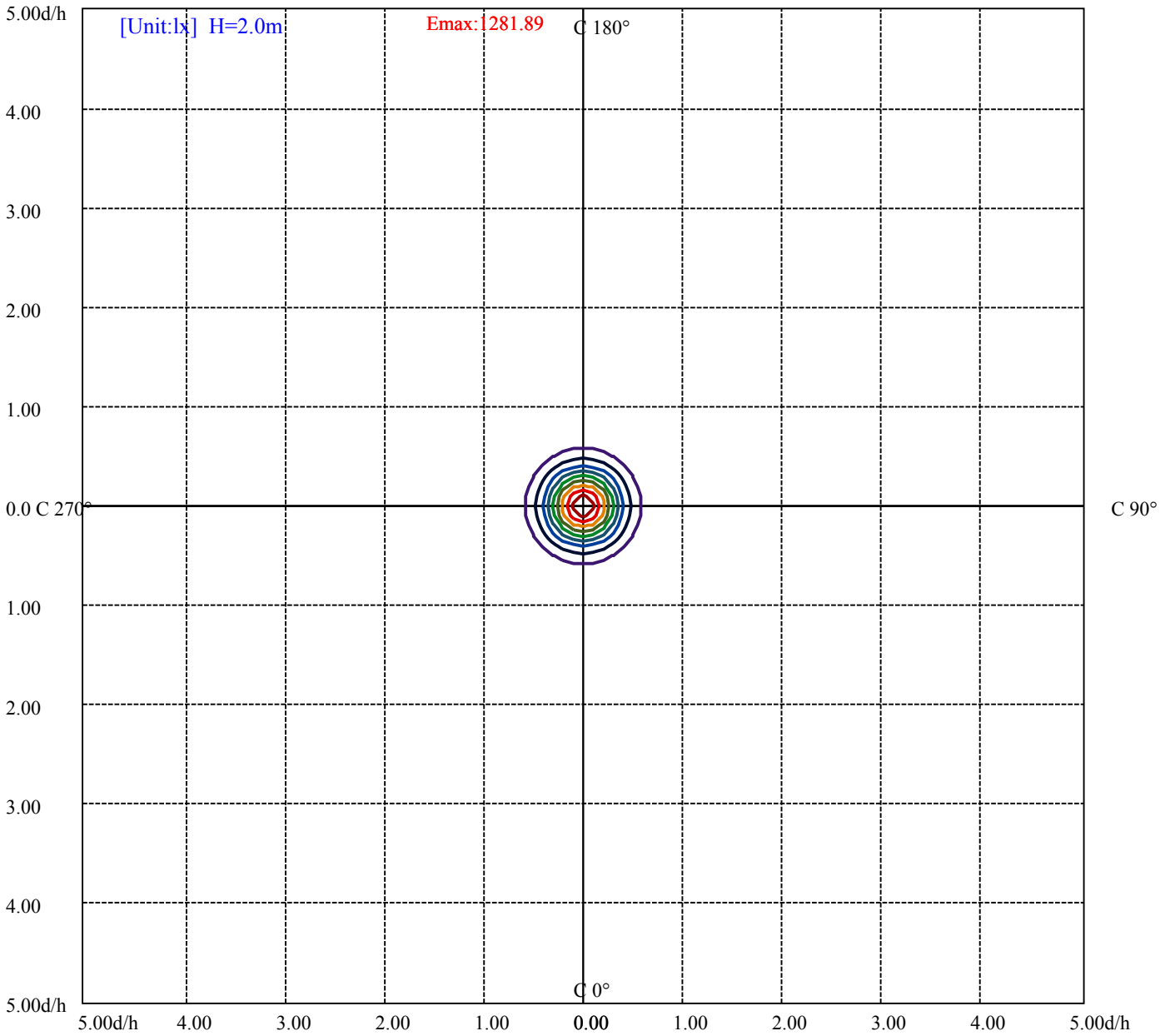
House

[Unit:cd]

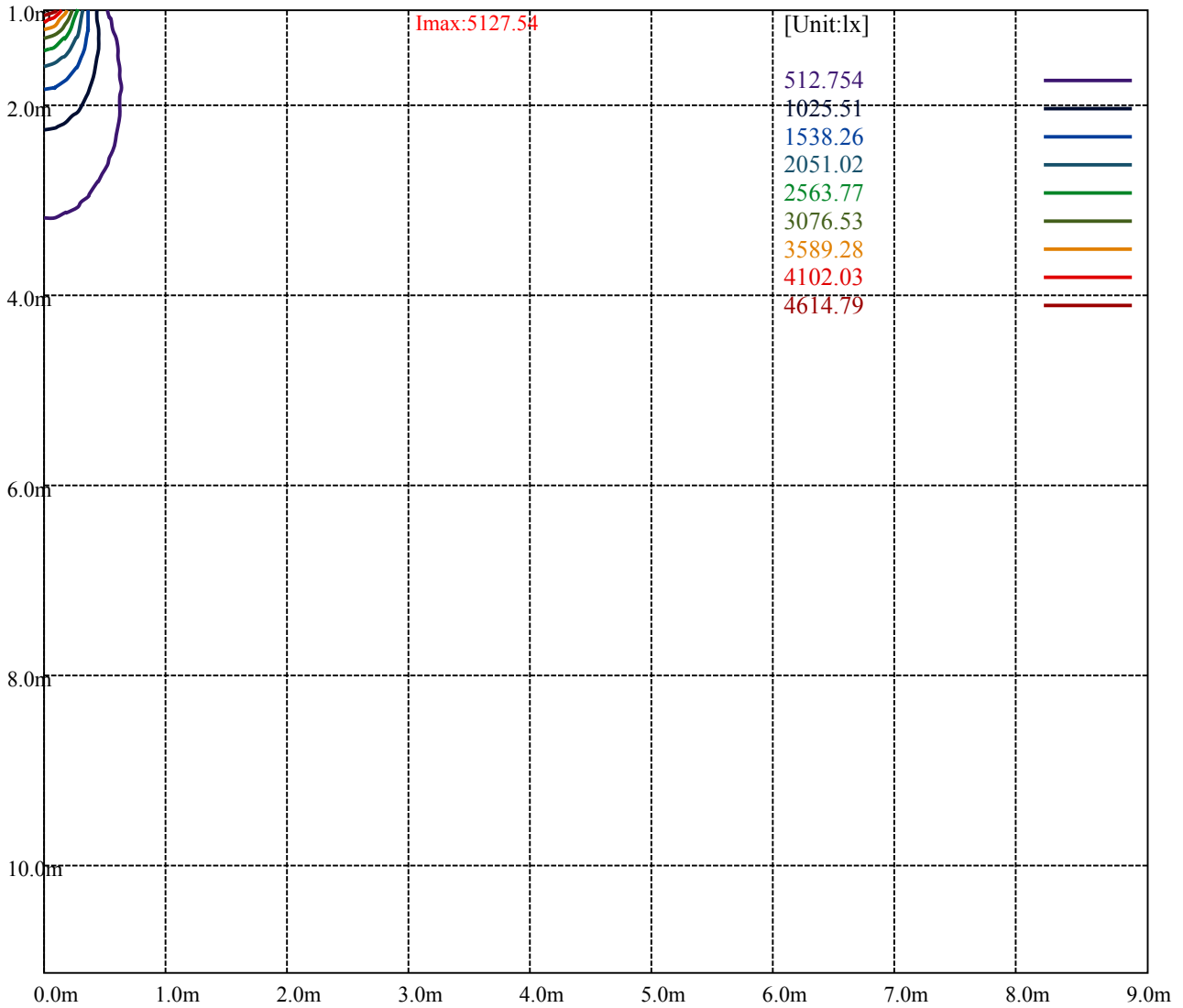
Road

Imax:5127.54

(10%Imax)	512.754	
(20%Imax)	1025.51	
(30%Imax)	1538.26	
(40%Imax)	2051.02	
(50%Imax)	2563.77	
(60%Imax)	3076.53	
(70%Imax)	3589.28	
(80%Imax)	4102.03	
(90%Imax)	4614.79	



- (10%Emax) 128.1885
- (20%Emax) 256.3775
- (30%Emax) 384.565
- (40%Emax) 512.755
- (50%Emax) 640.9425
- (60%Emax) 769.13
- (70%Emax) 897.32
- (80%Emax) 1025.507
- (90%Emax) 1153.698



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

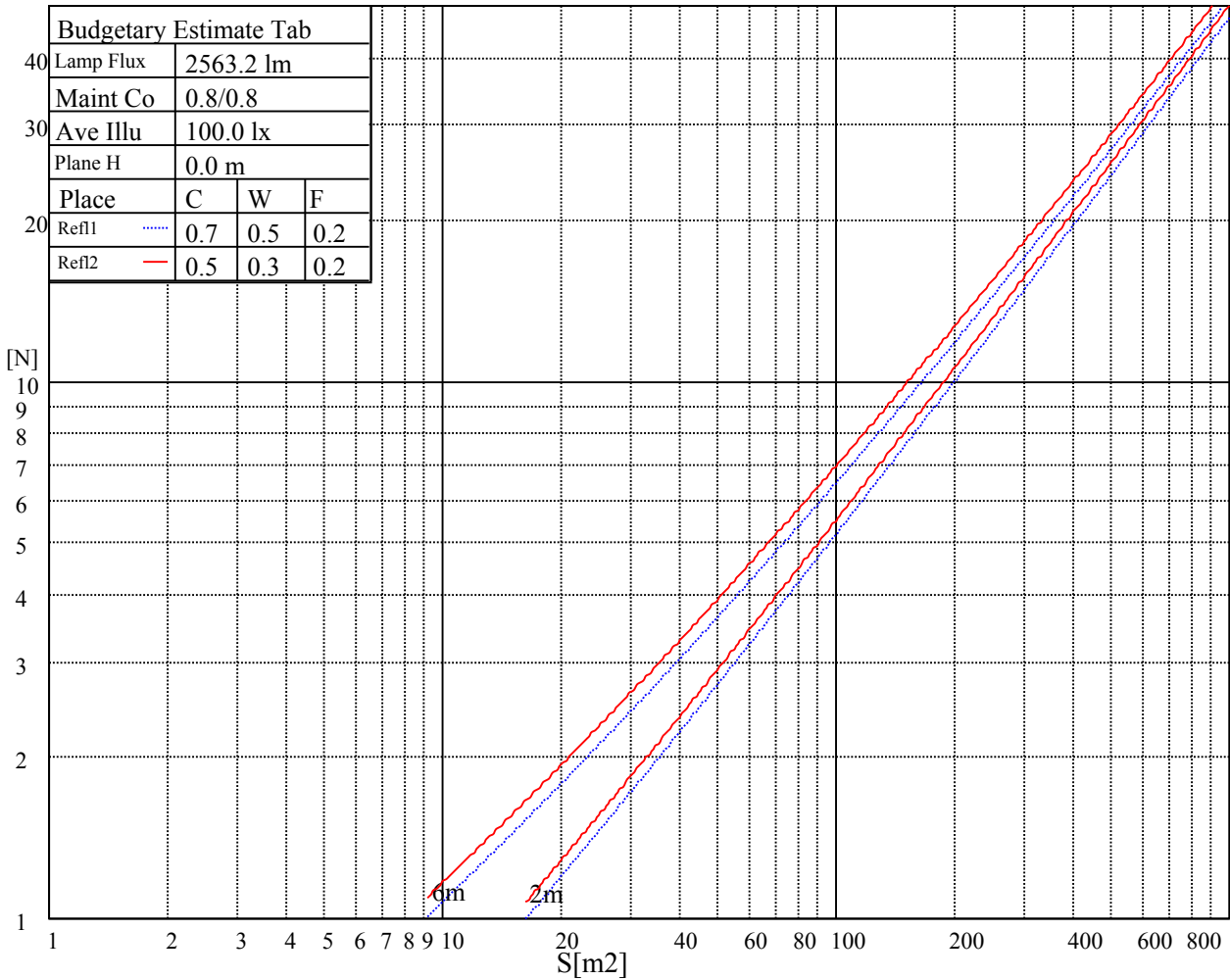
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

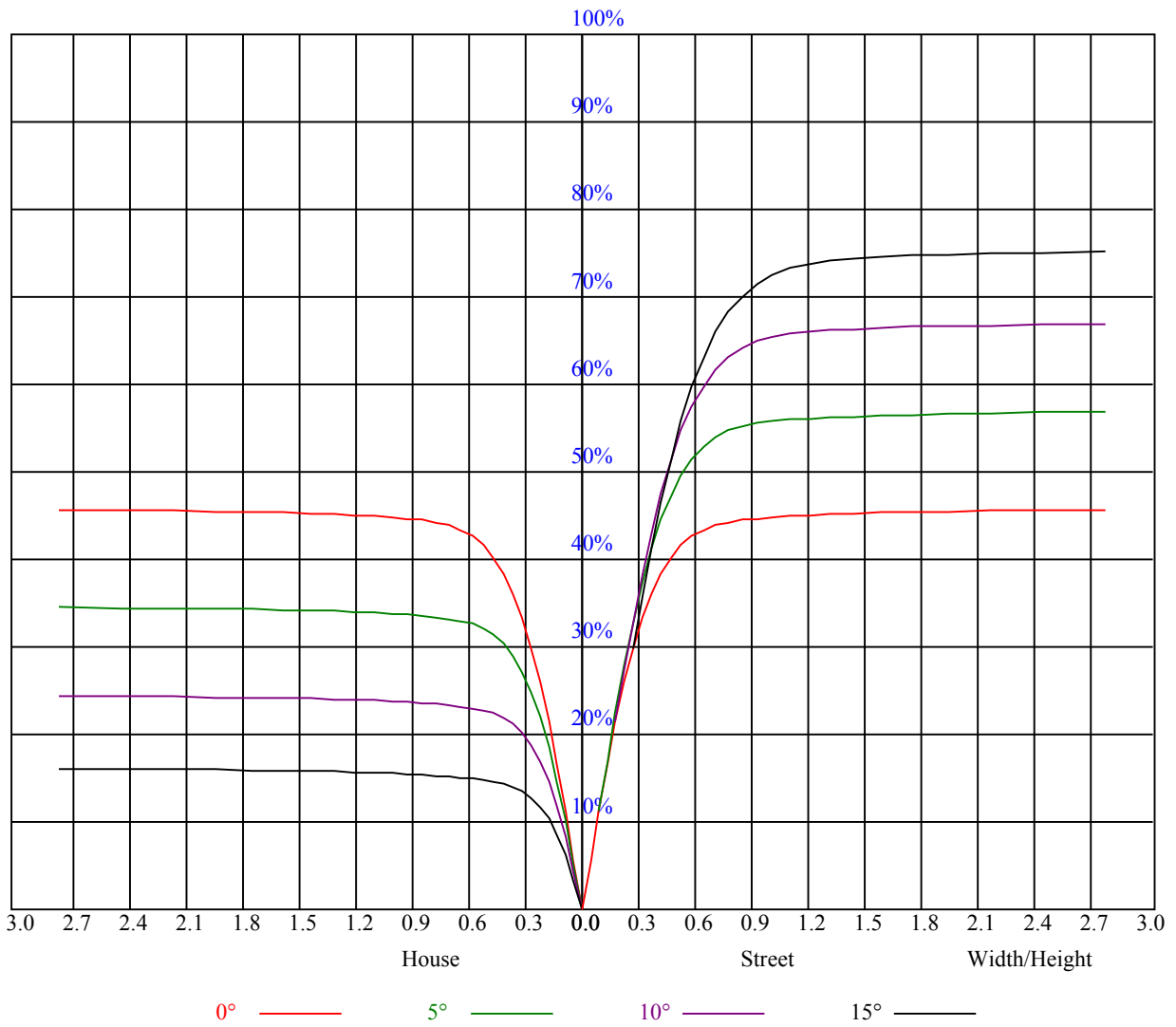


Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	3H	非数字	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	1.10	1.10	1.10	1.07	1.07	1.07	1.02	1.02	1.02	0.98	0.98	0.98	0.94	0.94	0.94	0.92
1	1.02	1.00	0.98	1.00	0.98	0.97	0.97	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87
2	0.96	0.93	0.90	0.95	0.91	0.89	0.92	0.89	0.87	0.89	0.87	0.85	0.86	0.85	0.83	0.82
3	0.91	0.86	0.83	0.89	0.86	0.82	0.87	0.84	0.81	0.85	0.82	0.80	0.83	0.81	0.79	0.77
4	0.86	0.81	0.78	0.85	0.80	0.77	0.83	0.79	0.76	0.81	0.78	0.75	0.79	0.77	0.75	0.73
5	0.81	0.77	0.73	0.80	0.76	0.73	0.79	0.75	0.72	0.77	0.74	0.71	0.76	0.73	0.71	0.70
6	0.77	0.72	0.69	0.77	0.72	0.69	0.75	0.71	0.68	0.74	0.71	0.68	0.73	0.70	0.67	0.66
7	0.74	0.69	0.65	0.73	0.69	0.65	0.72	0.68	0.65	0.71	0.67	0.65	0.70	0.67	0.64	0.63
8	0.70	0.66	0.62	0.70	0.65	0.62	0.69	0.65	0.62	0.68	0.64	0.62	0.67	0.64	0.61	0.60
9	0.67	0.63	0.59	0.67	0.62	0.59	0.66	0.62	0.59	0.65	0.62	0.59	0.65	0.61	0.59	0.58
10	0.65	0.60	0.57	0.64	0.60	0.57	0.64	0.59	0.57	0.63	0.59	0.56	0.62	0.59	0.56	0.55



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	5115.23	5079.80	5028.87	4959.13	4860.05	4761.52	4645.27	4521.28	4336.40
45.0	5134.05	5130.17	5108.58	5053.78	4984.04	4882.19	4788.64	4690.66	4530.14
90.0	5129.06	5093.64	5053.23	4966.32	4889.38	4800.82	4665.20	4537.33	4391.75
135.0	5131.83	5122.98	5094.19	5037.73	4971.31	4887.72	4794.18	4657.45	4537.89
180.0	5115.23	5132.39	5124.64	5100.83	5054.89	4980.16	4893.26	4795.28	4655.24
225.0	5134.05	5121.32	5072.05	5027.21	4957.47	4866.13	4739.38	4618.15	4488.07
270.0	5129.06	5132.39	5125.74	5078.14	5033.30	4959.68	4879.42	4757.09	4632.54
315.0	5131.83	5120.76	5087.00	5031.09	4967.99	4867.24	4762.62	4618.70	4489.73
360.0	5115.23	5079.80	5028.87	4959.13	4860.05	4761.52	4645.27	4521.28	4336.40
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	4184.73	3984.91	3815.52	3634.52	3413.66	3240.40	3060.50	2865.10	2627.64
45.0	4394.52	4240.64	4045.79	3882.50	3709.80	3537.65	3316.23	3133.01	2951.45
90.0	4242.30	4040.26	3873.09	3698.17	3520.49	3305.72	3126.92	2944.26	2709.56
135.0	4403.38	4215.18	4053.54	3888.59	3676.03	3504.44	3326.75	3102.57	2917.69
180.0	4528.48	4359.65	4202.45	4037.49	3868.11	3642.27	3475.65	3320.66	3083.20
225.0	4343.04	4139.90	3972.73	3765.15	3588.02	3416.42	3200.55	3018.43	2833.55
270.0	4494.16	4351.90	4193.04	3967.19	3798.92	3621.79	3408.12	3230.99	2992.42
315.0	4334.74	4139.90	3972.73	3802.79	3636.73	3412.55	3237.08	3054.41	2863.44
360.0	4184.73	3984.91	3815.52	3634.52	3413.66	3240.40	3060.50	2865.10	2627.64
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	2444.97	2253.45	2070.78	1860.43	1707.66	1562.08	1402.11	1085.93	1085.93
45.0	2756.61	2565.64	2334.26	2153.81	1938.48	1782.39	1640.13	1474.62	1344.54
90.0	2525.23	2296.62	2117.28	1944.02	1791.80	1614.66	1484.58	1268.70	1102.92
135.0	2735.57	2549.03	2317.66	2134.99	1960.07	1805.08	1623.52	1491.23	1368.34
180.0	2901.08	2721.74	2490.36	2349.76	2123.92	1943.46	1744.19	1608.58	1444.73
225.0	2640.37	2401.24	2212.48	2039.78	1877.59	1693.27	1564.29	1439.19	1101.87
270.0	2807.53	2616.56	2373.56	2193.11	2013.76	1848.81	1668.36	1538.83	1415.39
315.0	2619.89	2426.70	2235.18	2056.94	1853.24	1701.02	1536.06	1414.28	1075.58
360.0	2444.97	2253.45	2070.78	1860.43	1707.66	1562.08	1402.11	1085.93	1085.93
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	991.27	881.12	750.54	652.79	563.72	478.75	401.15	314.63	252.97
45.0	1213.35	1053.38	928.83	817.02	705.76	587.86	505.93	422.90	353.71
90.0	1069.60	945.44	832.52	729.17	607.12	518.44	418.09	347.12	282.52
135.0	1205.05	1074.97	919.42	806.50	704.10	611.66	508.15	434.53	362.01
180.0	1320.18	1196.19	1069.99	921.08	807.06	702.44	604.46	498.18	418.47
225.0	1101.87	1037.60	888.09	778.66	672.44	557.13	475.38	397.60	330.18
270.0	1288.63	1133.64	1016.29	892.30	751.70	658.15	562.95	464.97	391.35
315.0	1075.58	1014.13	893.02	781.32	658.32	568.98	487.83	414.93	330.41
360.0	991.27	881.12	750.54	652.79	563.72	478.75	401.15	314.63	252.97
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	199.83	156.65	120.34	105.73	94.71	87.13	80.43	73.18	68.08
45.0	286.18	286.18	164.51	125.76	109.38	97.75	89.62	82.75	76.50
90.0	211.89	165.40	131.08	108.66	99.25	90.78	83.69	75.95	70.41
135.0	295.59	295.59	167.17	131.63	110.43	97.64	89.23	80.76	74.84
180.0	345.96	283.41	283.41	167.28	132.30	106.11	96.26	87.62	78.99
225.0	251.64	198.00	155.65	124.10	101.96	92.72	82.92	76.44	70.96
270.0	318.84	290.05	290.05	150.23	122.28	104.23	94.93	86.91	80.15
315.0	265.14	210.29	153.22	123.05	107.05	95.43	87.68	80.76	73.40
360.0	199.83	156.65	120.34	105.73	94.71	87.13	80.43	73.18	68.08

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	63.49	58.34	54.63	51.20	48.16	44.56	42.01	39.74	37.64
45.0	69.91	65.10	60.78	56.68	52.25	48.99	46.00	43.34	40.41
90.0	65.59	61.17	56.02	52.53	49.15	45.50	42.84	39.91	37.70
135.0	68.36	63.77	59.51	55.63	51.15	47.94	45.11	42.46	39.58
180.0	73.07	68.08	62.38	58.34	54.58	51.37	47.44	44.73	42.01
225.0	64.93	60.61	56.68	52.20	49.04	46.05	43.40	40.30	38.08
270.0	72.90	67.75	63.21	57.90	54.14	50.04	46.94	44.12	41.57
315.0	68.25	63.44	59.23	54.47	51.04	47.88	44.34	41.74	39.47
360.0	63.49	58.34	54.63	51.20	48.16	44.56	42.01	39.74	37.64
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	35.32	33.60	32.11	30.28	29.06	27.57	26.46	25.46	24.58
45.0	38.19	35.81	34.10	32.22	30.78	29.50	28.23	26.85	25.85
90.0	35.81	34.04	31.99	30.61	29.34	28.12	26.74	25.74	24.80
135.0	37.47	35.59	33.82	31.99	30.56	29.28	27.79	26.68	25.46
180.0	39.74	37.09	35.15	33.05	31.55	30.22	28.67	27.57	26.46
225.0	36.04	34.26	32.22	30.78	29.45	27.90	26.85	25.63	24.69
270.0	38.69	36.53	34.71	32.99	31.16	29.78	28.51	27.34	26.02
315.0	36.75	34.87	33.16	31.27	29.89	28.67	27.23	26.18	25.19
360.0	35.32	33.60	32.11	30.28	29.06	27.57	26.46	25.46	24.58
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	23.53	22.69	21.86	21.15	20.20	19.54	18.82	18.21	17.44
45.0	24.91	23.97	22.97	22.14	21.37	20.59	19.71	19.04	18.27
90.0	23.97	22.92	22.14	21.20	20.43	19.76	18.93	18.32	17.71
135.0	24.58	23.75	22.86	21.98	21.20	20.48	19.76	18.99	18.38
180.0	25.24	24.30	23.53	22.69	21.92	21.03	20.31	19.71	18.88
225.0	23.86	23.08	22.09	21.37	20.70	20.04	19.26	18.65	18.05
270.0	25.08	23.97	23.14	22.31	21.37	20.65	20.04	19.21	18.60
315.0	24.24	23.19	22.42	21.64	20.92	20.04	19.43	18.76	18.05
360.0	23.53	22.69	21.86	21.15	20.20	19.54	18.82	18.21	17.44
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	16.83	16.16	15.61	15.11	14.45	14.00	13.51	13.06	12.51
45.0	17.66	17.05	16.38	15.83	15.28	14.78	14.17	13.67	13.23
90.0	17.16	16.50	15.94	15.44	14.78	14.28	13.84	13.34	12.73
135.0	17.77	17.21	16.50	15.94	15.33	14.78	14.34	13.73	13.28
180.0	18.27	17.66	16.99	16.44	15.89	15.22	14.72	14.23	13.62
225.0	17.49	16.83	16.22	15.55	15.06	14.50	13.95	13.45	13.01
270.0	17.99	17.38	16.72	16.16	15.61	15.11	14.45	13.95	13.34
315.0	17.44	16.77	16.16	15.67	15.11	14.45	13.95	13.51	13.06
360.0	16.83	16.16	15.61	15.11	14.45	14.00	13.51	13.06	12.51
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	12.01	11.57	11.18	10.90	10.63	10.35	10.02	9.80	9.74
45.0	12.62	12.23	11.73	11.29	10.90	10.63	10.41	10.07	9.80
90.0	12.29	11.79	11.40	11.13	10.79	10.52	10.24	9.96	9.74
135.0	12.84	12.29	11.79	11.46	11.07	10.79	10.52	10.19	9.91
180.0	13.17	12.62	12.18	11.73	11.35	11.02	10.68	10.41	10.13
225.0	12.51	12.12	11.68	11.35	11.02	10.68	10.41	10.13	9.85
270.0	12.95	12.51	11.90	11.57	11.18	10.85	10.57	10.24	9.96
315.0	12.51	12.01	11.68	11.24	10.96	10.63	10.41	10.07	9.80
360.0	12.01	11.57	11.18	10.90	10.63	10.35	10.02	9.80	9.74

Intensity data(cd)

C/γ(°)	90.0
0.0	9.74
45.0	9.74
90.0	9.74
135.0	9.74
180.0	9.80
225.0	9.74
270.0	9.74
315.0	9.80
360.0	9.74