

浙大三色

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ROLED

灯具名称: 投光灯

灯具描述: F3053A-36-36DC (2515-OL-36WN-AA, P1)

报告编号:

电压(V): 36.0000

测试编号: 20210328005

电流(A): 1.0010

光源规格型号: OL

功率(W): 36.0000

每个光源光通量(lm)

功率因数: 1.0360

光源数量: 36

镇流器型号:

发光面长度(mm): 980

发光面宽度(mm): 38

测试模式: C

发光面高度(mm): 0

光度结果

灯具光通量(lm): 3660.01

灯具效能(lm/w): 101.67

中心光强(cd): 20174.310

最大光强(cd): 20419.880

最大光强角度: $C=150.0 \gamma=2.0$

半峰边角(50%Imax): [C0/180]Total=25.1

[C90/270]Total=12.4

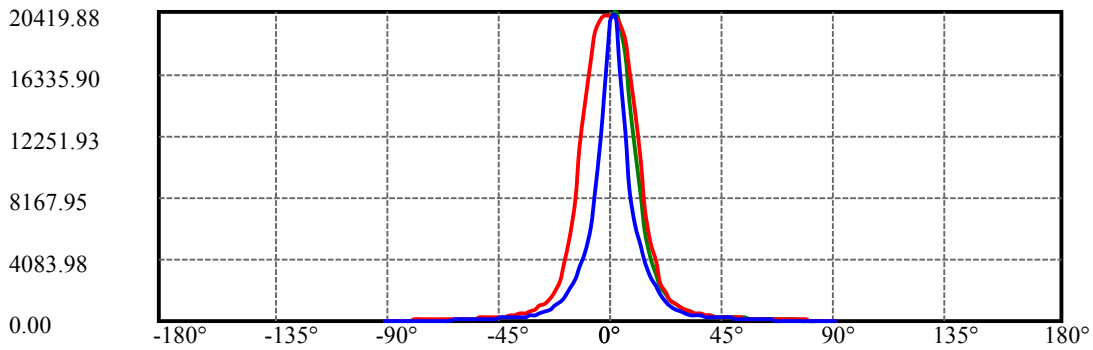
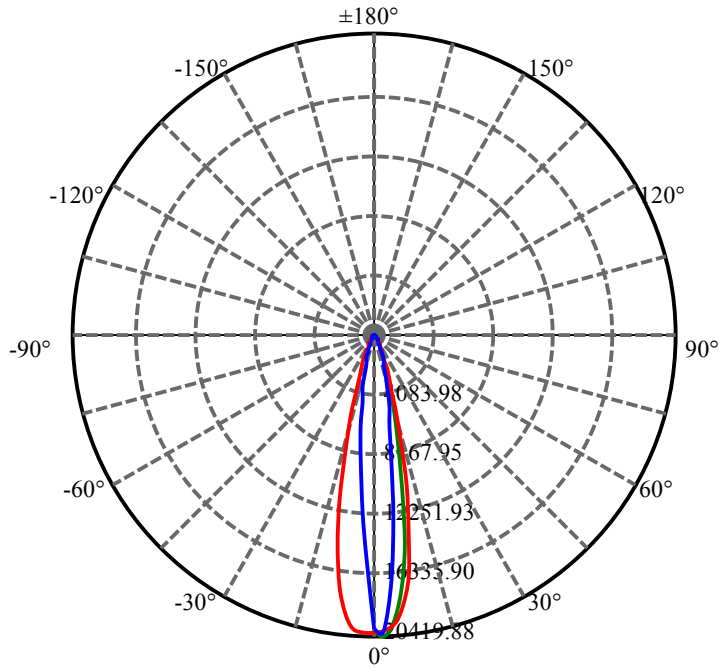
光束扩散角(10%Imax): [C0/180]Total=43.3

[C90/270]Total=35.3

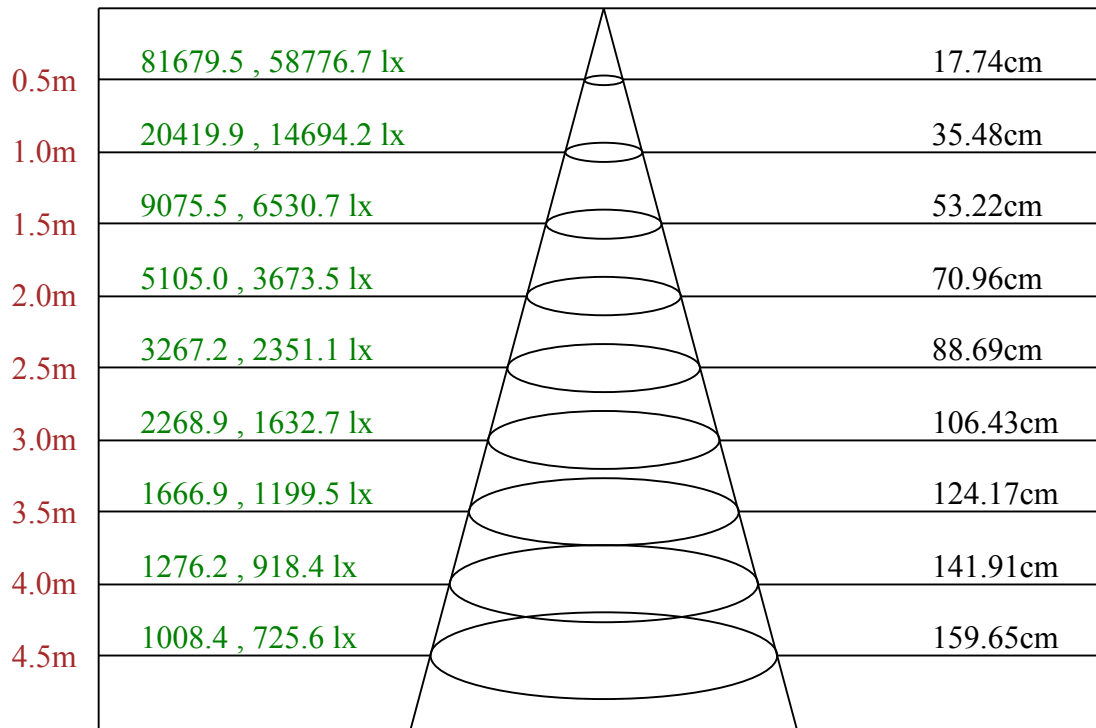
测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/3/28
环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

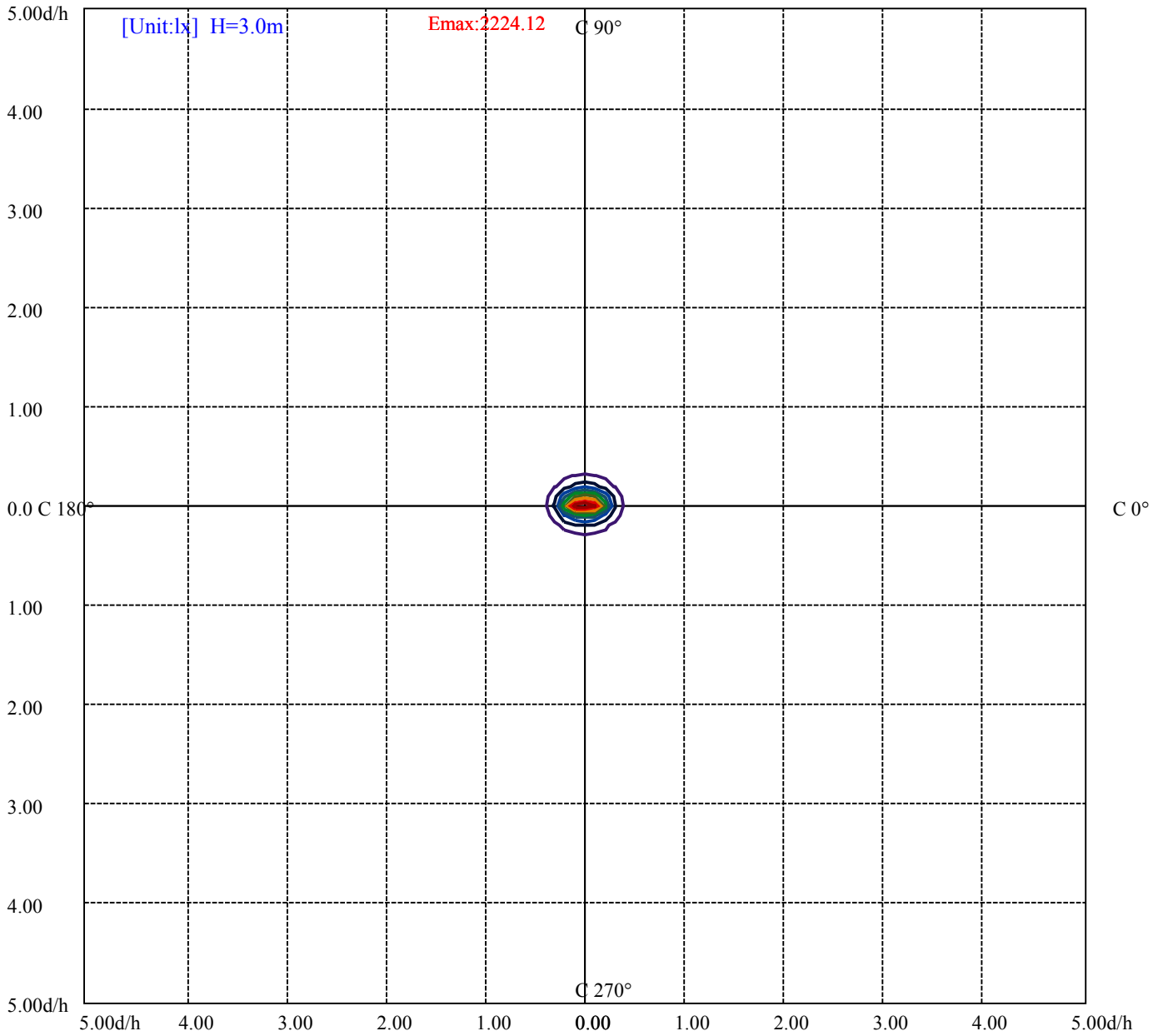


C150(Max): —
C0/C180: —
C90/C270: —



Max , Ave C150面光束角20.11

ROLED 投光灯
平面等照度曲线



- (10%Emax) 222.4111
- (20%Emax) 444.8233
- (30%Emax) 667.2344
- (40%Emax) 889.6467
- (50%Emax) 1112.056
- (60%Emax) 1334.467
- (70%Emax) 1556.878
- (80%Emax) 1779.289
- (90%Emax) 2001.7

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灯具的亮度限制曲线(灯具无发光侧边)

亮度值表

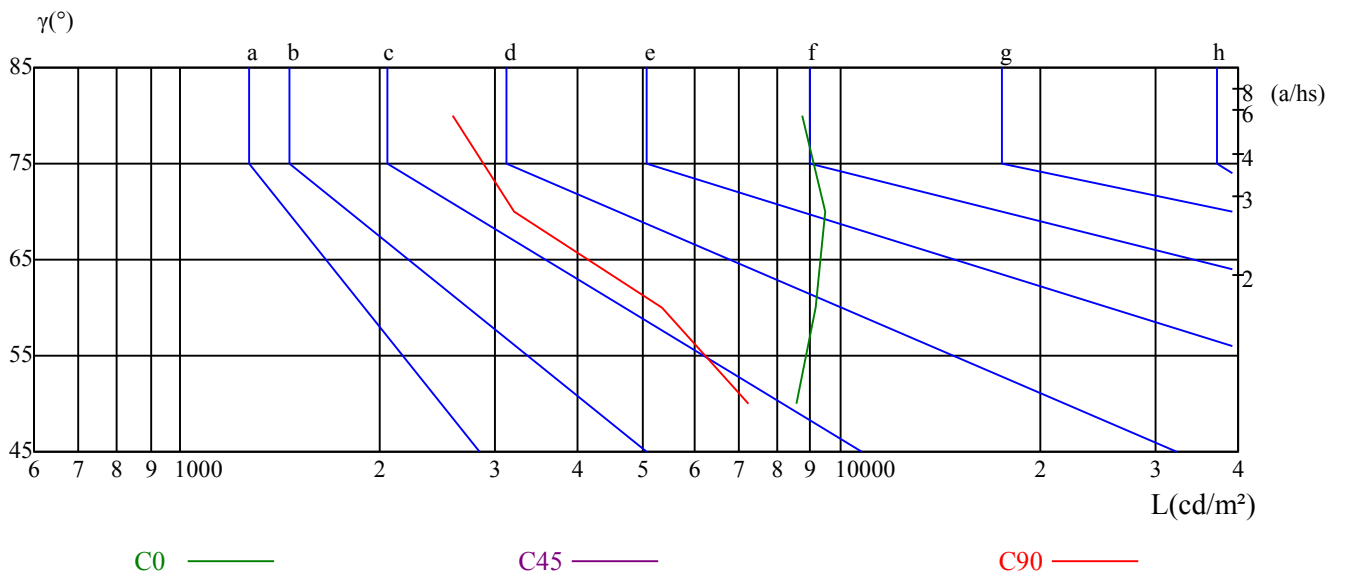
γ	45	50	55	60	65	70	75	80	85
C0	0	8585	0	9153	0	9459	0	8746	0
C45	0	0	0	0	0	0	0	0	0
C90	0	7239	0	5374	0	3205	0	2587	0

L横(65)	L纵(65)	L45(65)	L横(75)	L纵(75)	L45(75)	L横(85)	L纵(85)	L45(85)
0	0	0	0	0	0	0	0	0

眩光等级表

眩光等级	质量等级	使用照度(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

亮度限制曲线



参照UGR的照射评估											
天花板反射率	70	70	50	50	30	70	70	50	50	30	
墙壁反射率	50	30	50	30	30	50	30	50	30	30	
地板反射率	20	20	20	20	20	20	20	20	20	20	
空间尺寸	Viewed crosswise					Viewed endwise					
X	Y										
2H	2H	9.15	10.22	9.51	10.53	10.84	11.66	12.73	12.03	13.04	13.36
	3H	9.81	10.75	10.19	11.09	11.45	13.75	14.70	14.14	15.03	15.40
	4H	10.06	10.94	10.47	11.30	11.69	14.48	15.37	14.89	15.72	16.11
	6H	10.21	11.02	10.63	11.39	11.79	15.04	15.85	15.46	16.22	16.62
	8H	10.25	11.01	10.68	11.40	11.81	15.24	16.00	15.68	16.39	16.80
	12H	10.34	11.06	10.77	11.45	11.88	15.52	16.24	15.95	16.63	17.06
4H	2H	9.93	10.81	10.34	11.17	11.55	11.93	12.81	12.34	13.17	13.55
	3H	10.64	11.36	11.05	11.77	12.17	14.20	14.92	14.62	15.33	15.74
	4H	10.92	11.57	11.36	11.99	12.44	14.95	15.59	15.38	16.02	16.46
	6H	11.08	11.63	11.55	12.08	12.55	15.49	16.04	15.96	16.49	16.96
	8H	11.13	11.65	11.61	12.10	12.57	15.73	16.24	16.20	16.69	17.17
	12H	11.23	11.68	11.72	12.17	12.64	16.03	16.48	16.52	16.96	17.44
8H	4H	11.19	11.70	11.66	12.15	12.63	14.87	15.39	15.35	15.84	16.31
	6H	11.39	11.80	11.90	12.31	12.79	15.43	15.84	15.94	16.34	16.83
	8H	11.49	11.86	12.02	12.38	12.87	15.71	16.07	16.24	16.59	17.09
	12H	12.15	12.47	12.68	12.97	13.55	16.61	16.92	17.13	17.42	18.00
12H	4H	11.17	11.62	11.66	12.11	12.58	14.82	15.27	15.31	15.76	16.24
	6H	11.74	11.76	11.93	12.23	12.78	15.72	15.75	15.91	16.22	16.76
	8H	11.53	11.84	12.05	12.34	12.92	15.68	15.99	16.20	16.49	17.07
对应照射距离，改变观察者位置S											
S = 1.0H	0.4/-0.6					0.3/-0.6					
S = 1.5H	0.8/-1.4					1.0/-0.6					
S = 2.0H	2.5/-2.2					1.3/-0.6					
标准表格	BK3					BK2					
更正系数	-1.0					1.2					

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光强数据表(cd)

C/γ(°)	0.0	2.0	4.0	6.0	8.0	10.0	12.0	14.0	16.0
0.0	20174.32	20051.53	19614.13	18478.41	16606.02	13766.73	10467.01	7481.92	5156.77
30.0	19928.75	20389.18	19729.24	17971.95	15101.96	11671.79	8471.83	5993.21	4151.50
60.0	20105.25	20059.21	17365.72	13416.03	9589.13	6953.96	5126.84	3896.74	2953.63
90.0	19959.45	20013.17	16644.39	12393.12	8709.72	6361.55	4918.88	3890.60	2903.75
120.0	20158.97	19898.06	16943.66	13123.66	9398.05	6904.85	5188.23	3938.94	3050.32
150.0	20082.23	20419.88	19568.09	17526.87	14541.78	11334.14	8264.64	5947.16	4197.55
180.0	20174.32	20189.66	19913.41	19023.25	17265.96	14458.13	11374.05	8138.79	5552.73
210.0	19928.75	18608.87	16452.54	13909.46	11017.22	8210.92	5974.79	4382.48	3184.61
240.0	20105.25	17588.26	13674.64	10060.30	7290.07	5379.31	4051.75	3147.78	2405.72
270.0	19959.45	15124.21	11952.65	8353.66	6161.26	4624.98	3543.74	2751.04	2095.70
300.0	20158.97	17634.30	13820.44	9914.50	7144.27	5340.94	4013.38	3079.48	2352.01
330.0	20082.23	18677.93	15869.34	13498.14	10421.73	7742.82	5505.92	4052.51	2975.88
360.0	20174.32	20051.53	19614.13	18478.41	16606.02	13766.73	10467.01	7481.92	5156.77
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	3921.29	2522.36	1859.35	1422.72	1128.81	918.55	751.26	624.64	527.19
30.0	3025.00	2241.51	1702.81	1330.63	1063.58	869.44	713.66	597.79	501.86
60.0	2264.53	1735.80	1371.15	1078.78	860.23	704.37	580.52	488.43	418.37
90.0	2239.97	1741.94	1326.79	1031.35	807.28	646.13	533.33	443.54	389.06
120.0	2351.24	1809.47	1410.21	1115.53	882.64	717.57	588.96	491.96	420.06
150.0	3063.36	2322.08	1768.03	1378.21	1092.74	890.92	729.01	606.23	514.14
180.0	3780.86	2681.21	1953.74	1502.22	1195.42	961.91	796.61	652.19	549.90
210.0	2393.45	1857.82	1447.42	1166.87	943.64	767.91	637.77	539.93	456.13
240.0	1867.03	1454.18	1129.58	900.13	729.77	596.25	498.03	428.20	389.06
270.0	1513.27	1232.79	953.85	753.64	614.90	501.79	420.52	363.12	317.00
300.0	1826.35	1420.41	1117.30	877.88	709.82	579.37	488.05	417.45	361.36
330.0	2286.78	1757.29	1384.12	1089.75	890.92	725.86	603.77	513.53	436.33
360.0	3921.29	2522.36	1859.35	1422.72	1128.81	918.55	751.26	624.64	527.19
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	445.85	389.06	337.95	297.36	265.13	238.73	220.24	205.50	194.15
30.0	428.20	390.59	325.29	288.38	259.07	237.12	218.78	205.43	194.30
60.0	366.42	322.76	289.84	262.14	239.50	221.85	206.96	192.15	178.88
90.0	331.20	296.59	268.20	245.87	227.07	208.11	191.15	173.27	158.31
120.0	364.43	322.99	288.53	262.90	240.50	222.77	208.27	195.22	182.41
150.0	438.94	389.06	332.81	294.14	263.90	241.57	223.61	209.34	198.67
180.0	465.72	399.19	349.31	306.64	273.57	244.95	225.69	209.49	197.68
210.0	392.05	343.32	301.81	270.27	245.18	225.92	210.72	198.90	190.08
240.0	328.13	292.83	264.05	241.03	223.38	206.50	190.69	177.95	164.60
270.0	283.62	257.07	235.97	215.48	196.99	180.03	163.37	148.10	133.29
300.0	319.31	285.46	257.99	236.28	219.70	203.74	189.85	177.19	164.14
330.0	379.31	330.66	291.91	262.98	240.73	222.46	208.65	198.29	189.70
360.0	445.85	389.06	337.95	297.36	265.13	238.73	220.24	205.50	194.15
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	186.40	181.71	176.88	170.43	162.07	151.94	141.73	131.22	120.48
30.0	186.24	179.57	173.96	166.90	158.08	147.11	134.14	120.09	105.13
60.0	166.90	153.63	141.20	124.31	103.52	87.17	73.44	60.55	47.04
90.0	142.58	129.00	114.65	100.07	88.17	75.28	62.69	51.03	40.82
120.0	170.05	156.47	142.89	127.31	105.97	90.01	76.35	63.16	49.80
150.0	190.77	184.25	177.88	170.82	161.92	151.02	138.13	124.39	109.81
180.0	189.62	184.71	180.03	173.58	164.83	154.55	144.11	132.99	122.40
210.0	183.02	177.34	170.51	162.76	151.56	139.28	125.16	110.35	94.39
240.0	150.33	138.20	123.55	103.06	86.79	74.05	61.08	48.81	35.84
270.0	120.48	105.44	92.93	80.96	68.53	56.63	46.20	36.53	33.30
300.0	149.48	137.59	121.86	100.99	86.56	72.90	59.93	47.50	34.53
330.0	183.10	176.04	169.44	160.69	150.02	136.59	122.40	108.43	90.47
360.0	186.40	181.71	176.88	170.43	162.07	151.94	141.73	131.22	120.48

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光强数据表(cd)

附页 第 8页 共8页

C/γ(°)	72.0	74.0	76.0	78.0	80.0	82.0	84.0	86.0	88.0
0.0	108.51	96.77	82.80	69.68	56.56	43.28	31.31	18.88	6.29
30.0	88.09	59.32	39.75	24.56	14.96	12.20	8.06	4.37	3.22
60.0	34.38	28.93	26.63	22.33	16.04	10.05	8.82	7.21	3.76
90.0	35.76	33.53	30.85	23.25	16.73	11.51	10.74	8.75	4.60
120.0	35.68	29.54	26.86	23.48	16.81	11.05	8.82	7.60	4.22
150.0	93.85	67.53	43.97	28.32	16.81	12.74	9.44	4.83	3.84
180.0	111.12	98.91	85.64	71.83	58.93	46.27	34.69	22.33	9.82
210.0	69.29	45.66	30.08	18.88	13.43	11.20	6.98	4.30	2.61
240.0	29.08	26.32	24.56	19.72	13.74	9.29	8.44	6.06	2.38
270.0	31.16	29.39	23.79	17.19	11.89	11.28	9.52	5.60	1.69
300.0	28.24	25.55	23.79	18.42	13.05	9.13	8.29	5.53	1.76
330.0	62.62	41.75	27.32	16.42	12.74	10.21	5.83	4.07	1.92
360.0	108.51	96.77	82.80	69.68	56.56	43.28	31.31	18.88	6.29
C/γ(°)	90.0								
0.0	0.31								
30.0	0.38								
60.0	0.46								
90.0	0.84								
120.0	1.00								
150.0	1.15								
180.0	0.46								
210.0	0.23								
240.0	0.15								
270.0	0.08								
300.0	0.15								
330.0	0.23								
360.0	0.31								