浙大三色

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ROLED

灯具名称: 投光灯
灯具描述: F3313A-27-UN（20-OL-27WN-AA，P1）

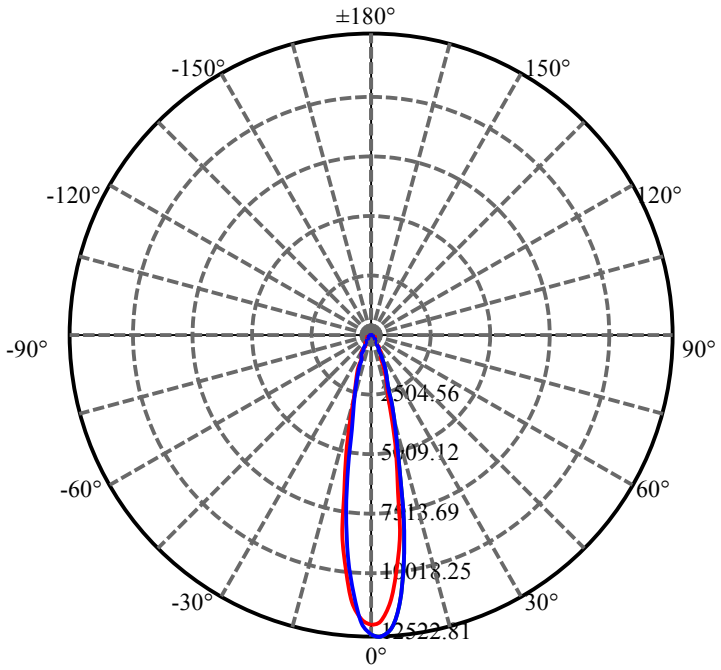
报告编号 :	电压(V): 220.2000
测试编号: 20210326010	电流(A): 0.1530
光源规格型号: OL	功率 (W): 32.6000
每个光源光通量(lm)	功率因数: 0.9660
光源数量: 27	镇流器型号:
发光面长度(mm): 900	发光面宽度 (mm): 40
测试模式: C	发光面高度(mm): 0

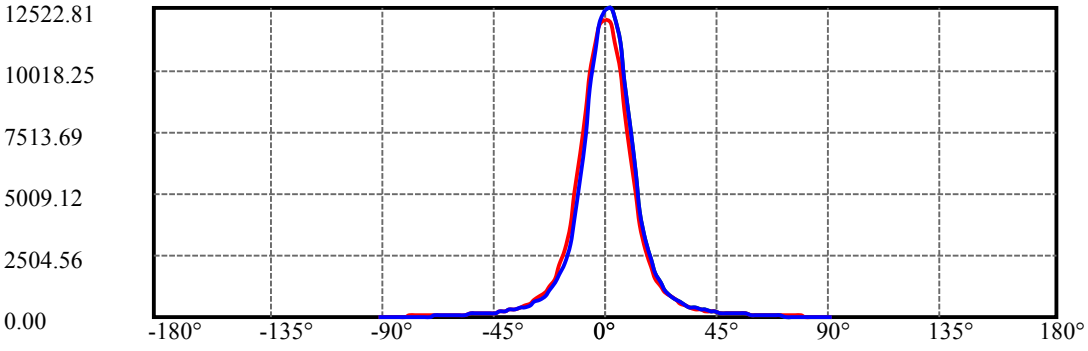
光度结果

灯具光通量(lm): 2869.26
灯具效能(lm/w): 88.01
中心光强(cd): 12076.960
最大光强(cd): 12522.810
最大光强角度: C=90.0 γ=2.0
半峰边角(50%Imax): [C0/180]Total=21.5
[C90/270]Total=20.9
光束扩散角(10%Imax): [C0/180]Total=44.9
[C90/270]Total=44.0

测试设备: GMS1800	测试日期: 2021/3/26	测试人员: anpeilou
环境温度(℃): 25.0	环境湿度(%): 60.0%	测试距离(m): 8.76

光强分布曲线 [单位:cd]





C90(Max):

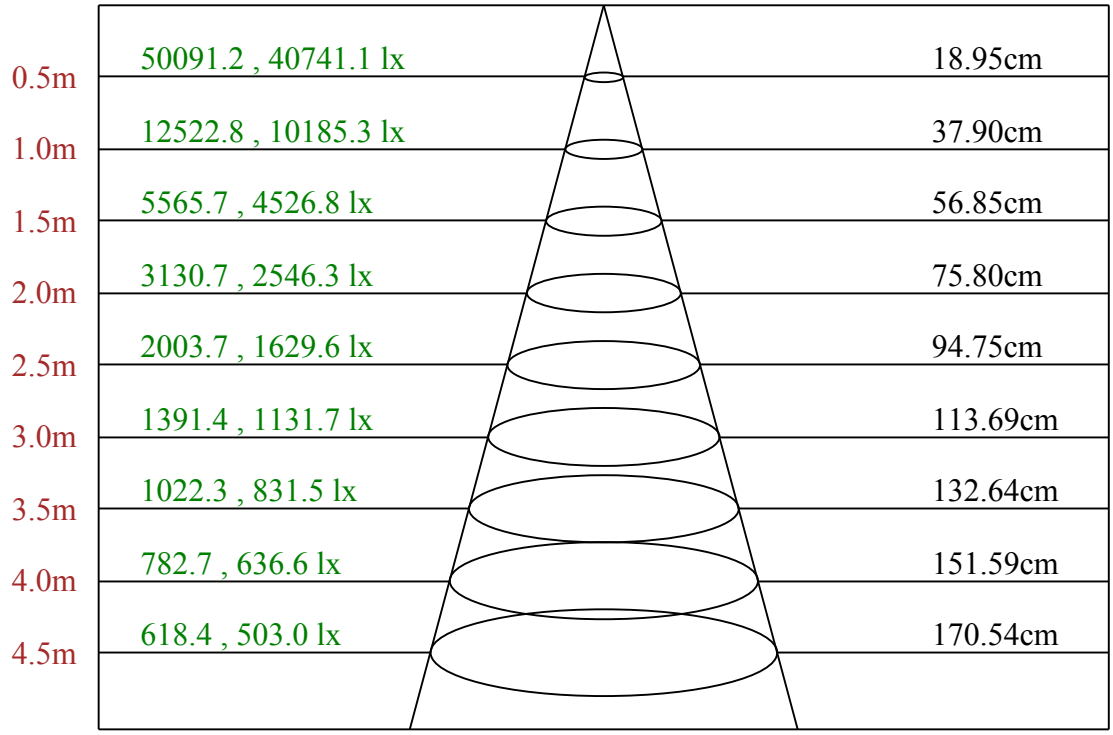
C0/C180:

C90/C270:

测试设备: GMS1800　　测试日期: 2021/3/26　　测试人员: anpeilou

环境温度(°C): 25.0　　环境湿度(%): 60.0%　　测试距离(m): 8.76

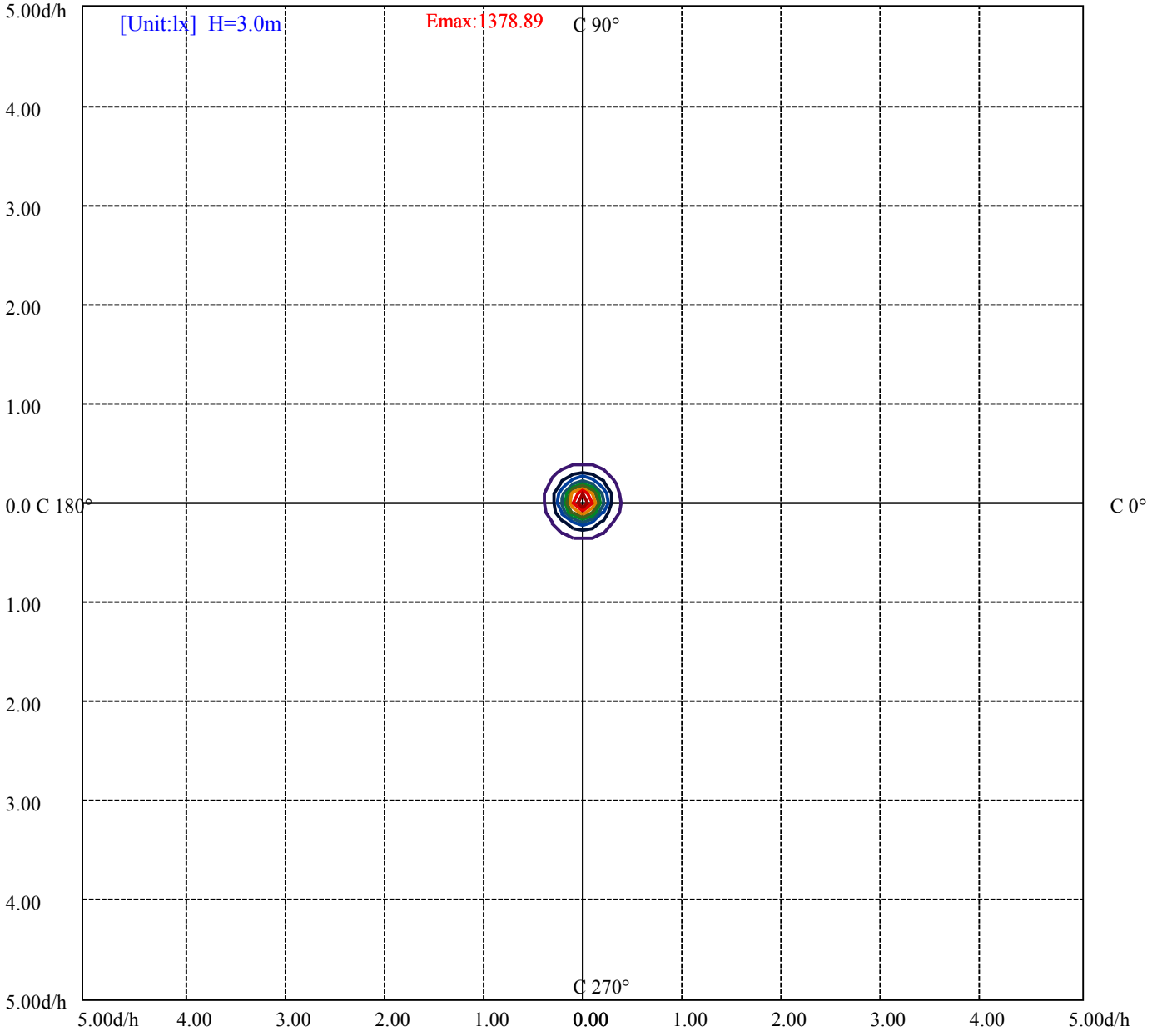
照度距离图表



Max , Ave　　C90面光束角21.45

ROLED 投光灯

平面等照度曲线



测试设备: GMS1800　　测试日期: 2021/3/26　　测试人员: anpeilou

环境温度(℃): 25.0　　环境湿度(%): 60.0%　　测试距离(m): 8.76

ROLED 投光灯

灯具的亮度限制曲线(灯具无发光侧边)

亮度值表

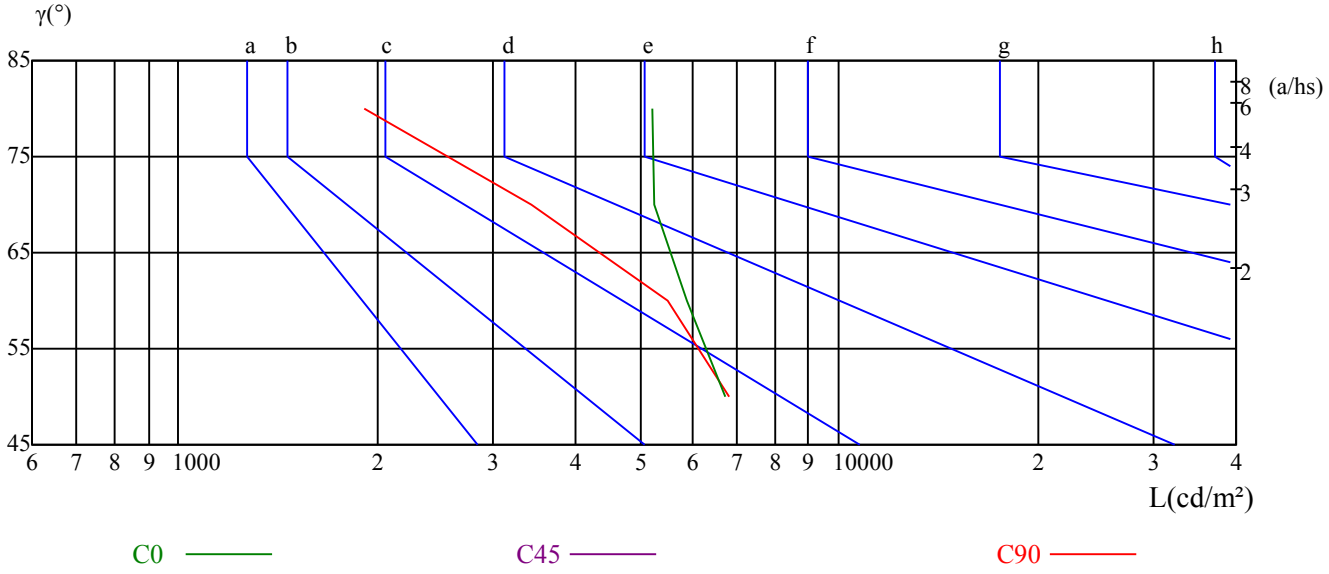
γ	45	50	55	60	65	70	75	80	85
C0	0	6712	0	5883	0	5260	0	5217	0
C45	0	0	0	0	0	0	0	0	0
C90	0	6815	0	5517	0	3422	0	1915	0

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



UGR眩光曲线

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	10.16	11.24	10.53	11.55	11.87	10.57	11.65	10.93	11.96	12.27
	3H	11.10	12.05	11.48	12.39	12.75	12.29	13.24	12.67	13.58	13.94
	4H	11.24	12.12	11.64	12.47	12.86	12.99	13.88	13.40	14.23	14.62
	6H	11.28	12.09	11.70	12.46	12.86	13.52	14.33	13.94	14.71	15.10
	8H	11.28	12.05	11.72	12.44	12.85	13.71	14.47	14.14	14.86	15.27
	12H	11.33	12.06	11.76	12.44	12.87	13.95	14.68	14.38	15.06	15.49
4H	2H	10.75	11.64	11.16	11.99	12.38	11.07	11.96	11.48	12.31	12.70
	3H	11.79	12.52	12.21	12.93	13.33	13.04	13.77	13.46	14.18	14.58
	4H	11.96	12.61	12.39	13.03	13.48	13.86	14.51	14.30	14.93	15.38
	6H	12.01	12.57	12.48	13.02	13.49	14.36	14.92	14.83	15.37	15.84
	8H	12.03	12.54	12.50	12.99	13.47	14.57	15.09	15.04	15.54	16.01
	12H	12.08	12.53	12.57	13.02	13.49	14.81	15.26	15.30	15.75	16.22
8H	4H	12.19	12.70	12.66	13.15	13.63	13.90	14.42	14.38	14.87	15.35
	6H	12.27	12.68	12.78	13.18	13.67	14.46	14.87	14.97	15.37	15.86
	8H	12.31	12.67	12.84	13.20	13.69	14.70	15.07	15.23	15.59	16.09
	12H	13.09	13.41	13.61	13.91	14.48	15.47	15.79	15.99	16.29	16.87
12H	4H	12.18	12.62	12.67	13.11	13.59	13.86	14.31	14.35	14.79	15.27
	6H	12.62	12.64	12.80	13.11	13.66	14.76	14.78	14.95	15.25	15.80
	8H	12.34	12.66	12.86	13.15	13.73	14.68	15.00	15.20	15.50	16.08

对应照射距离，改变观察者位置S		
S = 1.0H	0.5/-0.7	0.4/-0.6
S = 1.5H	1.2/-1.2	0.8/-0.8
S = 2.0H	3.0/-2.0	1.7/-1.1
标准表格	BK3	BK3
更正系数	-0.8	0.0

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	12076.96	11867.47	11148.44	9960.54	8382.05	6613.25	4941.13	3701.82	2713.44
30.0	12403.87	12337.10	11760.04	10647.34	9022.81	7229.45	5435.32	3947.38	2908.36
60.0	12416.14	12383.91	11837.54	10808.49	9197.77	7334.58	5638.68	4100.86	3020.39
90.0	12466.02	12522.81	12113.80	11151.51	9604.48	7760.47	5848.17	4308.82	3110.17
120.0	12495.95	12477.53	11975.67	10935.88	9418.77	7536.40	5805.20	4225.94	3071.04
150.0	12059.31	12012.50	11489.15	10476.98	9058.11	7257.84	5513.60	4107.00	3006.58
180.0	12076.96	11828.33	11092.42	9902.99	8385.12	6647.78	5033.22	3738.66	2741.07
210.0	12403.87	12002.53	11112.37	9686.59	7917.79	6132.87	4523.68	3307.39	2439.49
240.0	12416.14	11972.60	11055.59	9557.67	7875.58	6030.04	4400.13	3213.00	2363.52
270.0	12466.02	11935.77	10824.61	9293.69	7388.30	5585.73	3998.03	2967.44	2215.41
300.0	12495.95	12073.13	11075.54	9519.30	7781.19	5916.47	4307.28	3146.24	2357.38
330.0	12059.31	11658.74	10700.29	9329.76	7577.84	5759.16	4253.57	3123.99	2358.15
360.0	12076.96	11867.47	11148.44	9960.54	8382.05	6613.25	4941.13	3701.82	2713.44

C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	2024.34	1586.93	1247.75	1004.50	819.56	673.76	560.95	476.54	403.64
30.0	2170.91	1684.39	1296.10	1039.79	834.91	686.80	566.32	471.17	399.04
60.0	2207.74	1699.74	1330.86	1066.19	854.01	695.78	579.52	481.91	406.33
90.0	2318.24	1797.96	1400.46	1109.63	890.16	730.54	601.62	498.03	421.29
120.0	2289.08	1749.62	1393.25	1105.25	895.53	728.47	598.25	495.57	419.60
150.0	2296.76	1775.71	1398.16	1118.83	916.25	750.49	623.11	524.12	442.78
180.0	2065.78	1528.15	1281.67	1030.20	829.69	663.09	538.85	447.84	377.09
210.0	1893.12	1487.25	1183.60	950.86	774.51	633.24	530.95	445.00	375.78
240.0	1814.08	1421.95	1138.02	908.57	744.35	611.60	511.07	432.03	377.93
270.0	1738.87	1377.67	1088.52	889.01	728.78	597.10	497.80	422.59	358.90
300.0	1803.33	1442.67	1151.06	926.99	767.38	641.53	534.86	455.82	394.43
330.0	1820.98	1459.93	1158.97	939.73	779.73	643.52	540.77	458.81	394.20
360.0	2024.34	1586.93	1247.75	1004.50	819.56	673.76	560.95	476.54	403.64

C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	347.01	304.26	266.28	235.51	210.26	189.23	170.13	155.32	142.27
30.0	342.48	295.98	258.30	229.68	204.81	185.47	168.90	155.32	143.65
60.0	348.01	303.50	265.44	234.51	210.41	189.62	172.97	158.62	146.26
90.0	360.21	310.40	272.50	240.19	213.71	192.61	173.73	157.70	143.50
120.0	357.60	310.40	270.04	237.35	210.80	189.23	172.51	157.47	144.80
150.0	388.29	323.53	275.49	237.81	208.73	187.01	169.28	155.55	143.58
180.0	324.37	279.40	244.87	215.56	191.23	171.51	155.93	142.19	130.45
210.0	325.37	282.55	247.02	219.55	197.91	178.72	163.60	151.33	139.97
240.0	318.54	278.25	246.02	218.32	196.60	178.34	163.76	150.71	138.05
270.0	310.33	273.03	239.96	214.48	192.76	174.19	157.77	144.80	131.91
300.0	343.78	304.65	267.58	240.04	216.71	197.52	179.95	164.30	135.98
330.0	342.02	301.73	265.67	236.58	212.33	192.46	175.58	160.61	147.87
360.0	347.01	304.26	266.28	235.51	210.26	189.23	170.13	155.32	142.27

C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	131.68	122.47	113.49	105.90	98.45	83.95	76.89	70.60	64.77
30.0	133.29	124.70	116.41	109.27	102.06	94.85	87.48	79.73	72.06
60.0	134.75	125.01	115.80	106.97	98.22	88.63	77.35	64.77	51.11
90.0	131.53	120.78	110.04	99.30	87.56	76.20	63.39	51.80	42.13
120.0	132.76	122.24	112.73	104.21	95.46	85.49	74.97	62.85	49.50
150.0	133.52	124.85	117.87	111.19	105.28	99.38	91.55	78.35	70.45
180.0	120.94	111.81	103.98	96.08	89.48	82.80	76.66	70.83	64.92
210.0	130.68	121.94	113.49	106.05	99.07	91.16	83.41	75.74	67.76
240.0	127.77	118.25	108.97	100.14	91.01	79.65	68.07	54.41	41.13
270.0	125.93	105.67	100.37	76.35	64.61	55.17	45.35	40.82	36.53
300.0	123.78	114.34	105.36	97.23	88.02	77.12	66.22	52.80	40.82
330.0	136.98	128.23	119.40	112.04	104.44	96.38	80.88	72.36	65.23
360.0	131.68	122.47	113.49	105.90	98.45	83.95	76.89	70.60	64.77

光强数据表(cd)

C/γ(°)	72.0	74.0	76.0	78.0	80.0	82.0	84.0	86.0	88.0
0.0	58.40	52.57	45.58	39.21	32.61	25.94	18.57	11.20	4.83
30.0	64.15	56.33	47.19	36.37	20.18	10.05	4.53	2.99	2.38
60.0	39.44	29.85	20.41	12.12	9.59	7.83	6.45	5.37	3.07
90.0	33.46	24.71	16.58	13.28	11.97	9.13	8.52	6.75	3.76
120.0	37.75	29.08	19.95	12.12	9.67	7.83	6.37	5.45	2.99
150.0	62.77	55.02	46.12	35.68	20.03	10.51	5.14	3.45	2.69
180.0	59.32	52.72	46.58	39.90	33.99	27.63	20.26	12.66	6.52
210.0	59.55	50.65	40.29	24.63	13.51	5.53	3.76	2.76	1.46
240.0	31.54	23.10	13.66	10.05	8.52	6.60	5.83	3.68	1.15
270.0	25.17	17.04	13.97	11.97	9.13	9.21	7.06	3.91	0.61
300.0	31.69	23.48	14.58	11.20	9.13	6.98	6.06	3.84	1.23
330.0	57.48	49.11	38.98	24.40	13.97	6.91	4.68	3.45	1.61
360.0	58.40	52.57	45.58	39.21	32.61	25.94	18.57	11.20	4.83

C/γ(°)	90.0
0.0	0.46
30.0	0.54
60.0	0.77
90.0	0.92
120.0	0.84
150.0	0.77
180.0	0.69
210.0	0.08
240.0	0.15
270.0	0.00
300.0	0.23
330.0	0.23
360.0	0.46