

浙大三色

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ROLED

灯具名称: 投光灯

灯具描述: F1222A1-6-24DC-RC-Y(60-CL-6RGBWN-AJ, CT)

报告编号:

电压(V): 24.3000

测试编号: 20210303013

电流(A): 0.5190

光源规格型号: CL

功率(W): 12.6000

每个光源光通量(lm)

功率因数: 1.0240

光源数量: 6

镇流器型号:

发光面长度(mm): 85

发光面宽度(mm): 85

测试模式: C

发光面高度(mm): 0

光度结果

灯具光通量(lm): 496.20

灯具效能(lm/w): 39.38

中心光强(cd): 425.126

最大光强(cd): 528.952

最大光强角度: $C=30.0$ $\gamma=4.0$

半峰边角(50%Imax): [C0/180]Total=54.1

[C90/270]Total=53.2

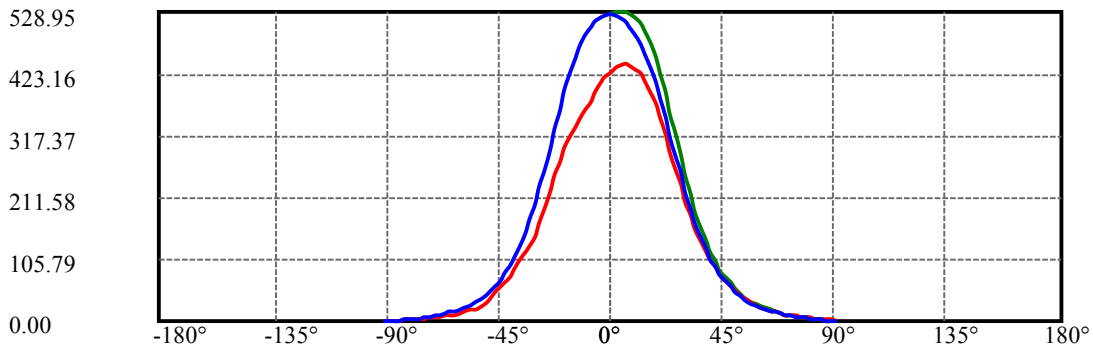
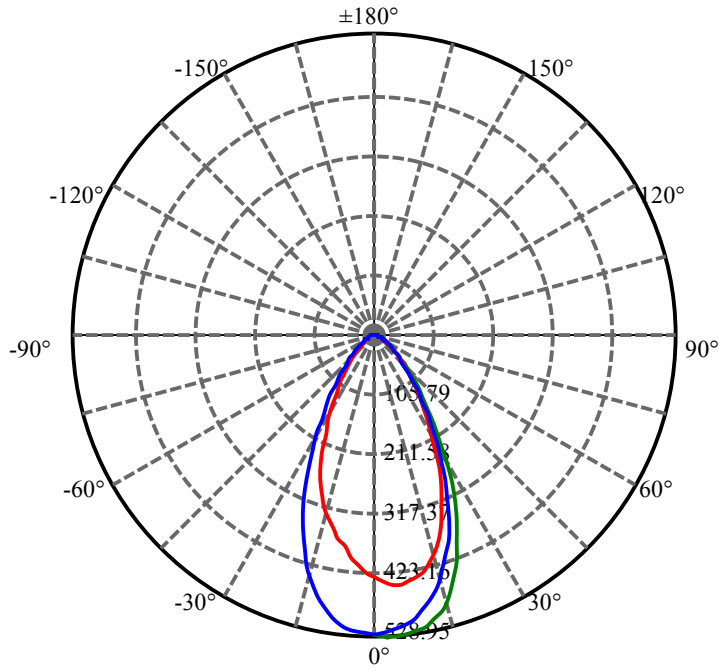
光束扩散角(10%Imax): [C0/180]Total=99.4

[C90/270]Total=96.9

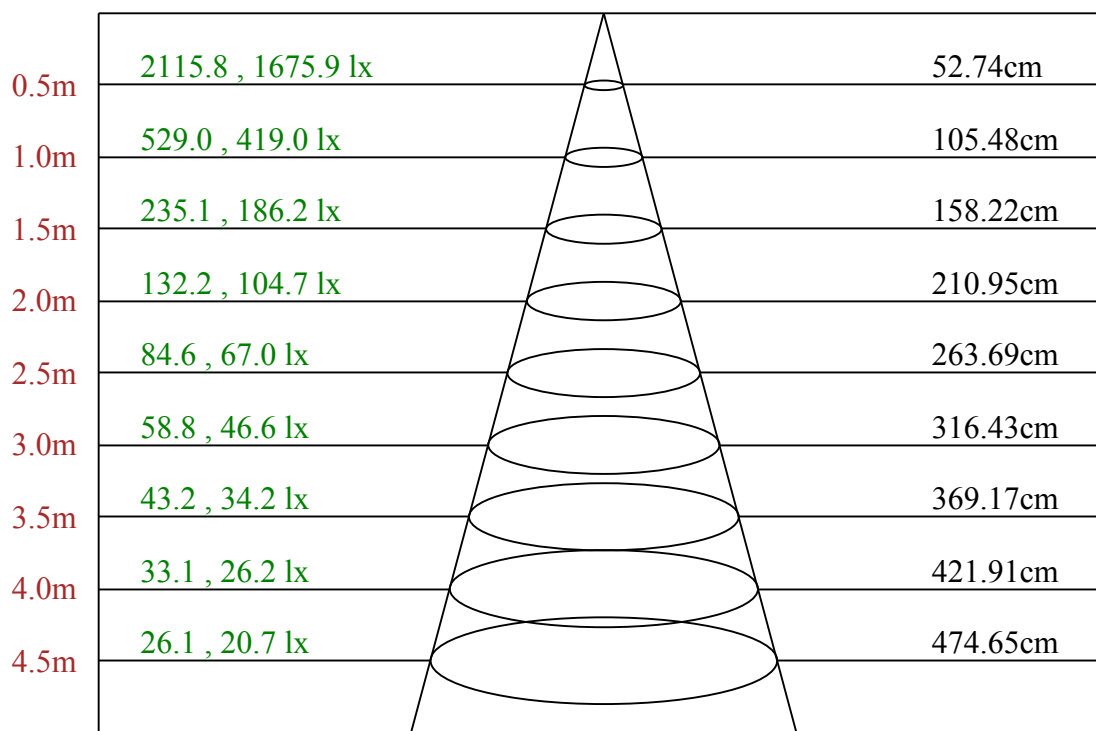
测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/3/3
环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

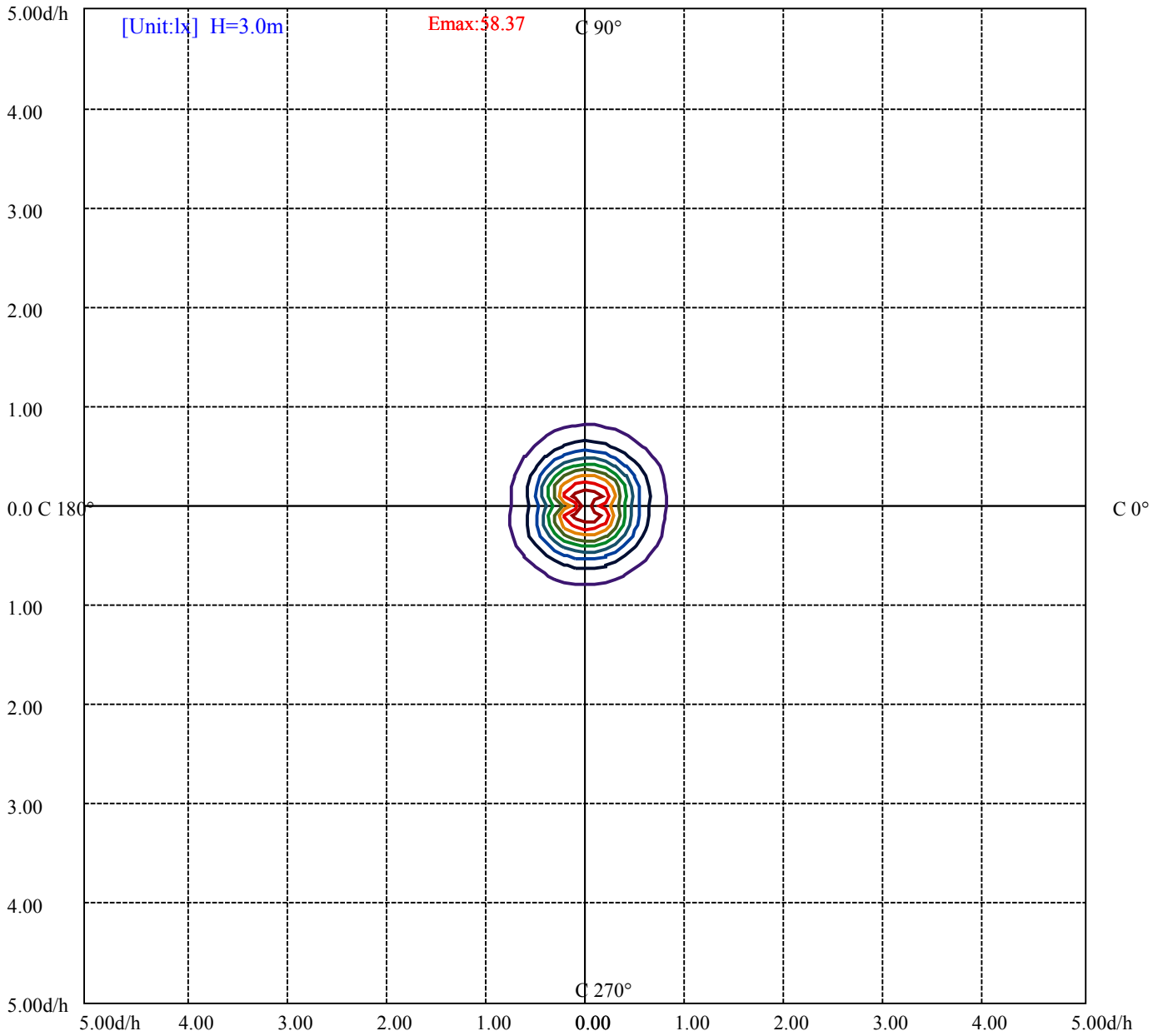


C30(Max): —
C0/C180: —
C90/C270: —



Max , Ave C30面光束角55.58

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平面等照度曲线



- (10%Emax) 5.836744
- (20%Emax) 11.67344
- (30%Emax) 17.51022
- (40%Emax) 23.347
- (50%Emax) 29.18378
- (60%Emax) 35.02044
- (70%Emax) 40.85722
- (80%Emax) 46.694
- (90%Emax) 52.53067

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灯具的亮度限制曲线(灯具无发光侧边)

亮度值表

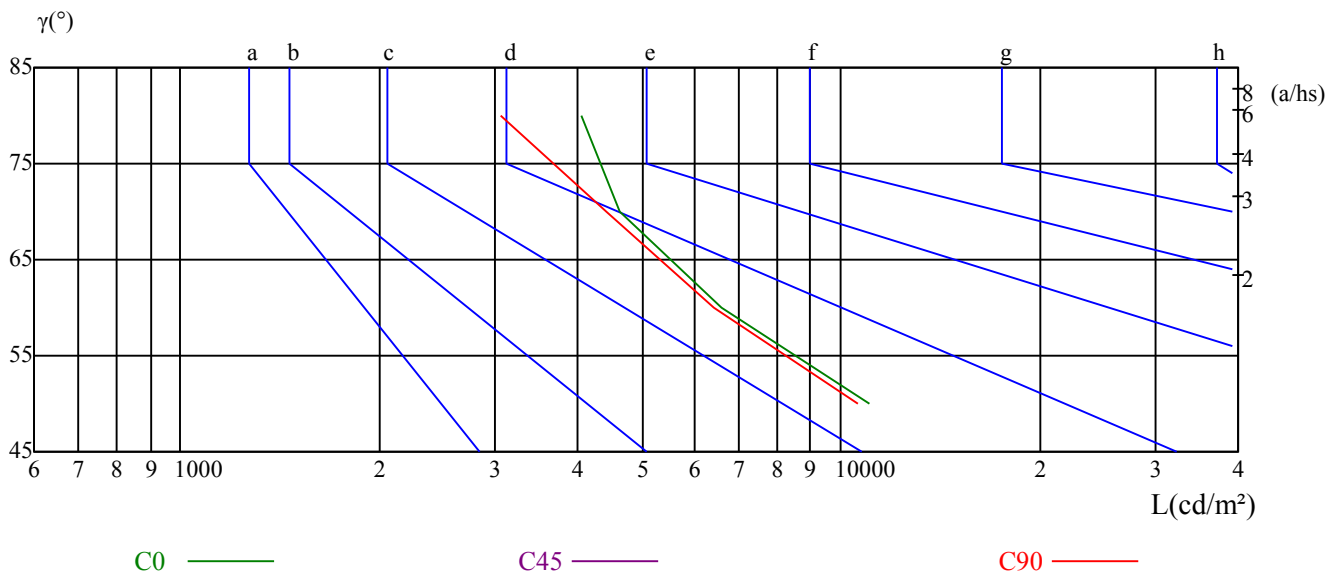
γ	45	50	55	60	65	70	75	80	85
C0	0	11038	0	6585	0	4627	0	4037	0
C45	0	0	0	0	0	0	0	0	0
C90	0	10625	0	6436	0	4410	0	3058	0

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	17.87	19.05	18.24	19.36	19.68	17.64	18.81	18.00	19.12	19.44
	3H	18.76	19.80	19.14	20.13	20.49	18.51	19.55	18.89	19.88	20.24
	4H	19.03	19.99	19.43	20.34	20.73	18.80	19.77	19.21	20.12	20.50
	6H	19.18	20.06	19.59	20.43	20.83	19.00	19.89	19.42	20.26	20.65
	8H	19.20	20.03	19.63	20.42	20.83	19.07	19.90	19.50	20.29	20.70
	12H	19.21	20.01	19.65	20.39	20.82	19.17	19.96	19.60	20.34	20.78
4H	2H	18.14	19.10	18.54	19.45	19.84	17.94	18.90	18.34	19.25	19.64
	3H	19.20	19.98	19.61	20.39	20.80	19.02	19.81	19.44	20.21	20.62
	4H	19.56	20.26	19.99	20.68	21.13	19.40	20.11	19.84	20.53	20.97
	6H	19.75	20.35	20.21	20.80	21.27	19.64	20.24	20.10	20.69	21.16
	8H	19.78	20.35	20.26	20.80	21.27	19.72	20.28	20.19	20.73	21.21
	12H	19.81	20.30	20.30	20.79	21.26	19.84	20.33	20.32	20.81	21.29
8H	4H	19.64	20.20	20.11	20.65	21.12	19.49	20.05	19.96	20.50	20.98
	6H	19.90	20.35	20.41	20.85	21.34	19.78	20.24	20.29	20.74	21.22
	8H	19.98	20.38	20.51	20.90	21.40	19.91	20.31	20.44	20.83	21.33
	12H	20.58	20.93	21.10	21.43	22.00	20.61	20.97	21.13	21.46	22.04
12H	4H	19.61	20.10	20.10	20.59	21.06	19.47	19.96	19.95	20.44	20.92
	6H	20.33	20.29	20.42	20.76	21.31	20.21	20.18	20.30	20.65	21.19
	8H	19.99	20.35	20.51	20.85	21.42	19.93	20.28	20.45	20.78	21.35
对应照射距离，改变观察者位置S											
S = 1.0H	1.2/-1.6					1.0/-1.6					
S = 1.5H	2.4/-2.4					2.2/-2.4					
S = 2.0H	4.5/-2.7					4.2/-2.7					
标准表格	BK2					BK2					
更正系数	1.5					1.9					

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光强数据表(cd)

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C/γ(°)	0.0	2.0	4.0	6.0	8.0	10.0	12.0	14.0	16.0
0.0	425.13	432.49	438.17	438.94	437.17	431.73	422.59	410.32	392.05
30.0	525.73	527.65	528.95	528.57	525.42	519.21	509.15	495.65	476.46
60.0	524.89	524.89	522.66	518.21	510.84	499.64	486.29	468.48	446.31
90.0	524.19	522.43	517.98	511.38	502.40	489.51	473.70	455.97	433.64
120.0	523.04	519.90	514.99	508.92	499.56	486.82	472.17	453.21	431.57
150.0	523.04	519.36	515.91	511.46	504.32	493.81	480.99	463.42	442.62
180.0	425.13	416.76	406.33	391.75	374.86	362.20	346.32	330.59	315.47
210.0	525.73	523.58	520.36	514.30	505.93	493.88	479.15	457.20	433.18
240.0	524.89	523.66	519.97	512.99	503.55	490.12	473.01	451.91	426.89
270.0	524.19	523.96	520.51	513.53	503.09	488.90	471.02	449.91	423.82
300.0	523.04	524.96	524.12	520.51	513.83	503.78	488.97	469.56	444.54
330.0	523.04	526.57	527.95	527.57	524.12	517.60	505.70	488.20	465.03
360.0	425.13	432.49	438.17	438.94	437.17	431.73	422.59	410.32	392.05
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	370.87	346.70	318.31	289.61	260.29	231.82	204.51	180.33	156.47
30.0	451.68	422.36	390.98	355.22	320.38	283.55	248.09	216.86	186.78
60.0	421.83	390.36	358.83	324.52	291.37	256.99	224.69	196.29	169.13
90.0	407.63	380.16	346.62	315.16	282.24	251.70	220.70	192.00	167.36
120.0	404.33	375.94	343.09	311.17	276.79	242.95	213.10	184.02	157.85
150.0	414.84	386.37	353.15	319.61	278.40	235.05	200.44	167.75	138.36
180.0	297.28	272.34	249.47	222.00	194.68	168.75	145.72	127.46	116.72
210.0	403.95	372.41	337.26	301.81	267.66	233.90	202.89	174.12	150.79
240.0	397.96	367.11	331.81	297.28	262.83	229.06	200.59	173.12	149.25
270.0	395.81	362.89	328.51	296.28	259.99	229.83	200.13	173.96	149.56
300.0	417.53	385.30	351.30	315.55	279.56	245.56	211.87	183.79	156.62
330.0	438.33	405.48	371.79	334.96	296.51	261.21	227.07	194.61	166.90
360.0	370.87	346.70	318.31	289.61	260.29	231.82	204.51	180.33	156.47
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	136.82	118.94	103.98	90.63	78.50	68.22	59.01	51.26	43.97
30.0	160.38	137.44	118.41	101.29	86.71	74.82	64.08	54.56	46.96
60.0	145.49	124.85	107.74	92.39	79.88	68.45	58.63	50.11	42.82
90.0	144.04	123.55	105.82	91.39	78.20	67.61	57.86	49.34	42.59
120.0	135.21	116.49	99.45	85.18	73.51	62.85	53.87	46.04	39.75
150.0	115.34	100.45	87.63	73.98	63.31	51.87	43.36	36.53	30.93
180.0	103.60	89.25	75.13	66.92	59.78	47.88	35.61	28.32	24.02
210.0	129.46	110.35	95.54	82.11	70.83	60.24	52.03	44.28	38.22
240.0	128.31	109.96	93.93	81.27	69.75	59.47	51.26	43.82	37.29
270.0	129.61	109.58	94.46	81.03	69.06	59.39	50.80	43.51	37.29
300.0	135.21	115.57	98.22	84.80	72.59	61.70	53.03	45.74	38.91
330.0	144.19	122.63	105.74	90.70	77.27	66.22	56.71	48.57	41.59
360.0	136.82	118.94	103.98	90.63	78.50	68.22	59.01	51.26	43.97
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	37.91	32.54	27.78	23.79	20.34	17.50	15.04	13.12	11.43
30.0	39.98	34.07	29.39	25.17	21.64	18.80	16.11	13.66	11.43
60.0	36.76	31.39	26.78	22.71	19.34	16.65	14.50	12.51	10.82
90.0	35.99	31.16	26.78	23.25	20.03	17.27	15.04	12.82	10.90
120.0	34.07	29.24	24.94	21.26	18.19	15.65	13.66	11.82	10.21
150.0	27.09	24.56	23.71	21.33	19.03	16.96	14.73	12.51	10.59
180.0	21.33	18.72	15.58	13.28	11.05	9.44	8.44	7.37	6.75
210.0	32.77	27.86	24.17	20.87	17.80	15.27	13.05	10.90	9.21
240.0	31.85	27.24	23.02	19.80	16.88	14.43	12.35	10.51	8.98
270.0	31.92	27.40	23.64	20.41	17.34	15.12	12.58	10.51	8.67
300.0	33.46	28.32	23.87	20.34	17.42	14.89	12.74	10.90	9.21
330.0	35.84	30.54	26.17	22.79	19.49	16.73	14.12	11.89	9.98
360.0	37.91	32.54	27.78	23.79	20.34	17.50	15.04	13.12	11.43

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光强数据表(cd)

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C/γ(°)	72.0	74.0	76.0	78.0	80.0	82.0	84.0	86.0	88.0
0.0	10.13	8.67	7.29	5.99	5.06	4.07	2.99	2.07	1.69
30.0	9.67	7.90	6.45	5.14	3.91	2.92	1.92	0.92	0.31
60.0	9.29	7.83	6.45	4.99	3.91	2.92	2.07	0.92	0.31
90.0	9.21	7.60	6.22	4.99	3.84	2.92	1.92	1.00	0.31
120.0	8.75	7.29	5.99	4.60	3.68	2.84	1.84	0.77	0.31
150.0	8.75	7.29	5.91	3.61	2.15	2.23	1.76	0.84	0.38
180.0	5.91	4.76	3.53	2.76	2.38	1.92	1.23	0.92	0.69
210.0	7.37	5.91	4.68	3.61	2.61	1.69	0.84	0.23	0.00
240.0	7.67	6.29	4.91	3.76	2.84	1.84	0.92	0.23	0.00
270.0	7.14	5.68	4.53	3.53	2.46	1.69	0.77	0.15	0.00
300.0	7.83	6.52	5.06	3.91	2.92	2.07	0.92	0.23	0.00
330.0	8.29	6.83	5.45	4.22	3.22	2.30	1.38	0.61	0.31
360.0	10.13	8.67	7.29	5.99	5.06	4.07	2.99	2.07	1.69

C/γ(°)	90.0
0.0	1.53
30.0	0.08
60.0	0.08
90.0	0.08
120.0	0.08
150.0	0.23
180.0	0.61
210.0	0.00
240.0	0.00
270.0	0.00
300.0	0.00
330.0	0.23
360.0	1.53