

浙大三色

Email:sensing@sensingm.com

Tel:+86 571 85021543 Fax:+86 571 87977635

ROLED

灯具名称: 投光灯

灯具描述: F1222A1-6-24DC-RC-Y(25-CL-6RGBWN-AJ, CT)

报告编号:

电压(V): 23.9000

测试编号: 20210303005

电流(A): 0.5250

光源规格型号: CL

功率(W): 12.5000

每个光源光通量(lm)

功率因数: 1.0230

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): 538.21

灯具效能(lm/w): 43.06

中心光强(cd): 1295.407

最大光强(cd): 1519.174

最大光强角度: $C=30.0$ $\gamma=0.0$

半峰边角(50%Imax): [C0/180]Total=26.6

[C90/270]Total=26.2

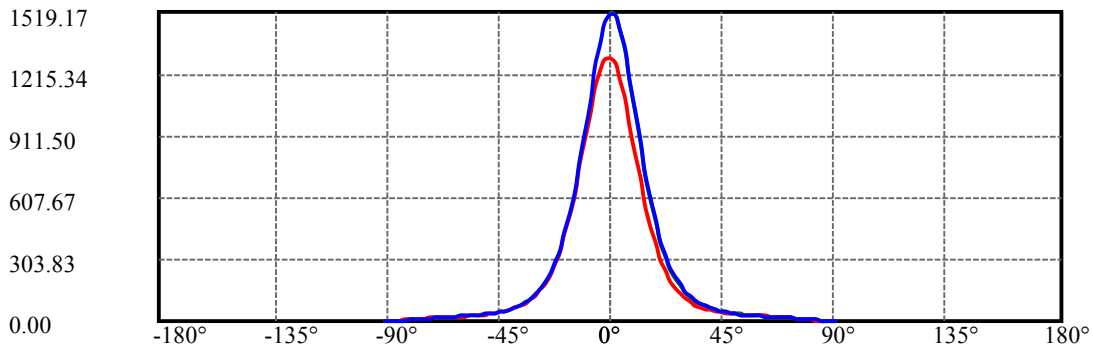
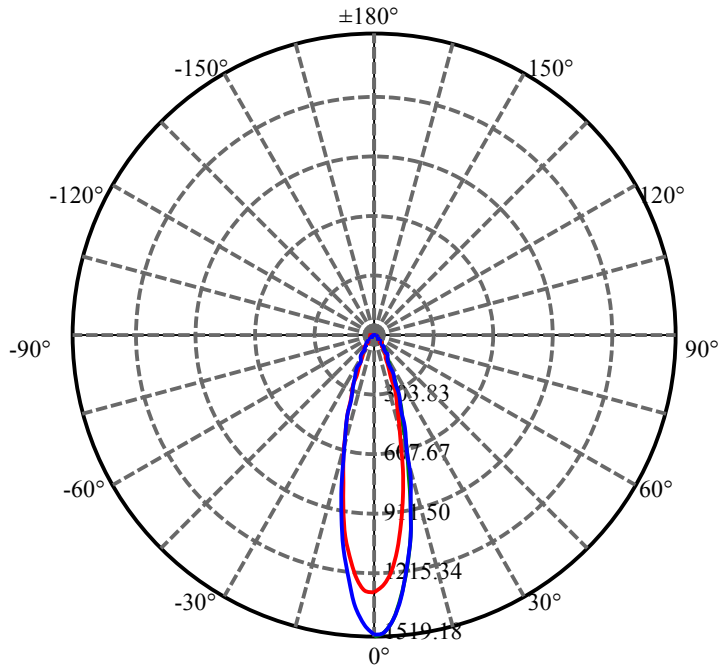
光束扩散角(10%Imax): [C0/180]Total=57.8

[C90/270]Total=57.7

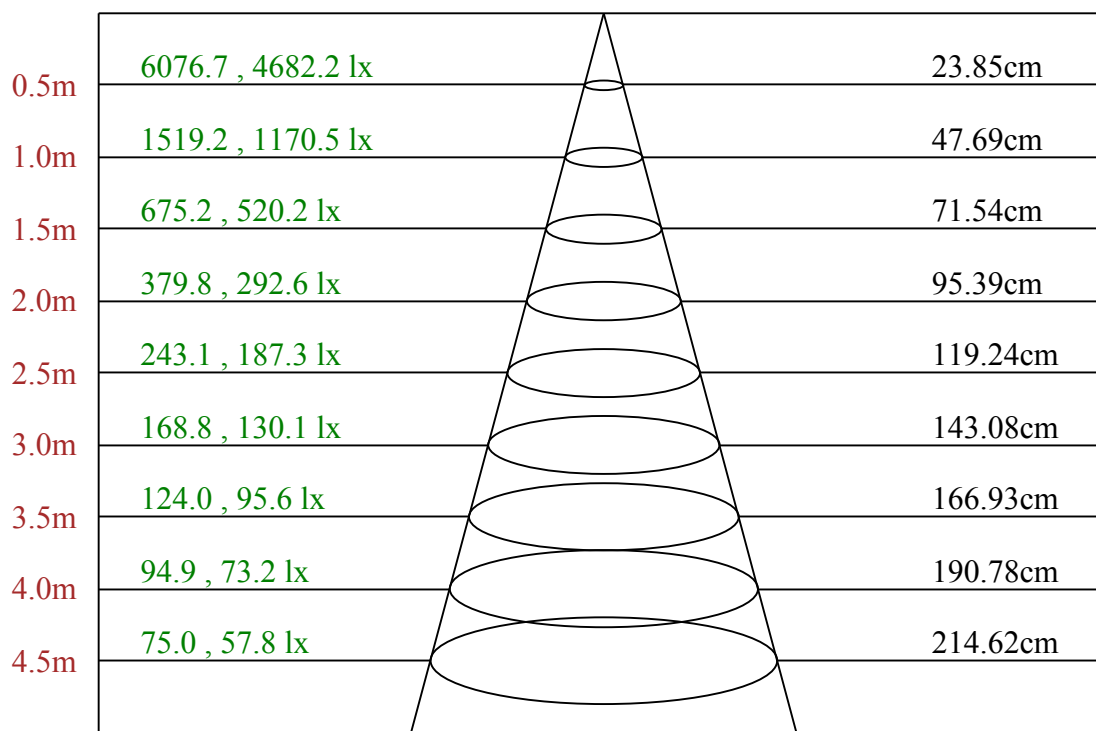
测试设备: GMS1800
环境温度(°C): 25.0

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

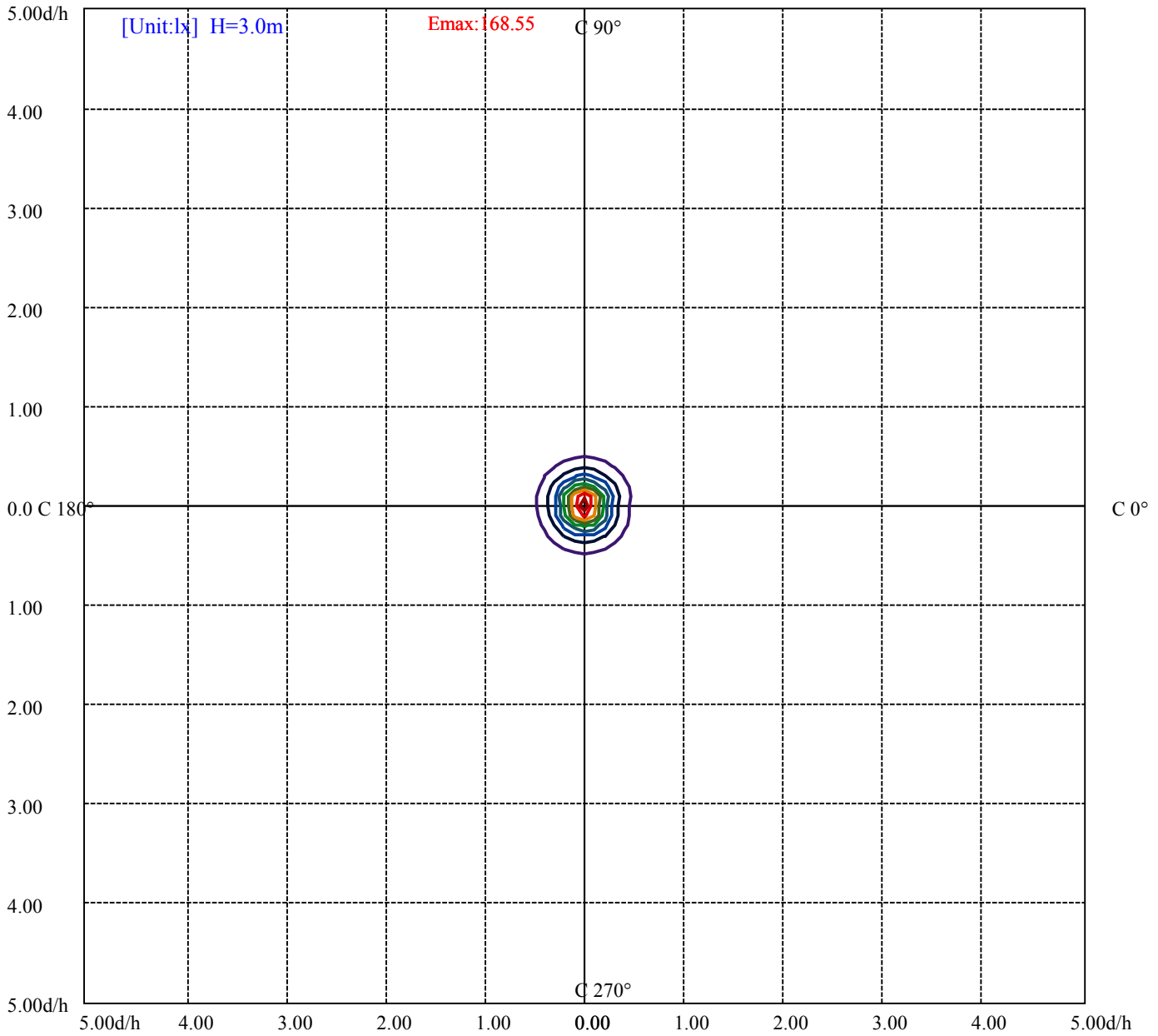


C30(Max): ———
C0/C180: ———
C90/C270: ———



Max , Ave C30面光束角26.82

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平面等照度曲线



- (10%Emax) 16.85456
- (20%Emax) 33.70911
- (30%Emax) 50.56367
- (40%Emax) 67.41811
- (50%Emax) 84.27267
- (60%Emax) 101.1272
- (70%Emax) 117.9822
- (80%Emax) 134.8367
- (90%Emax) 151.6911

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灯具的亮度限制曲线(灯具无发光侧边)

亮度值表

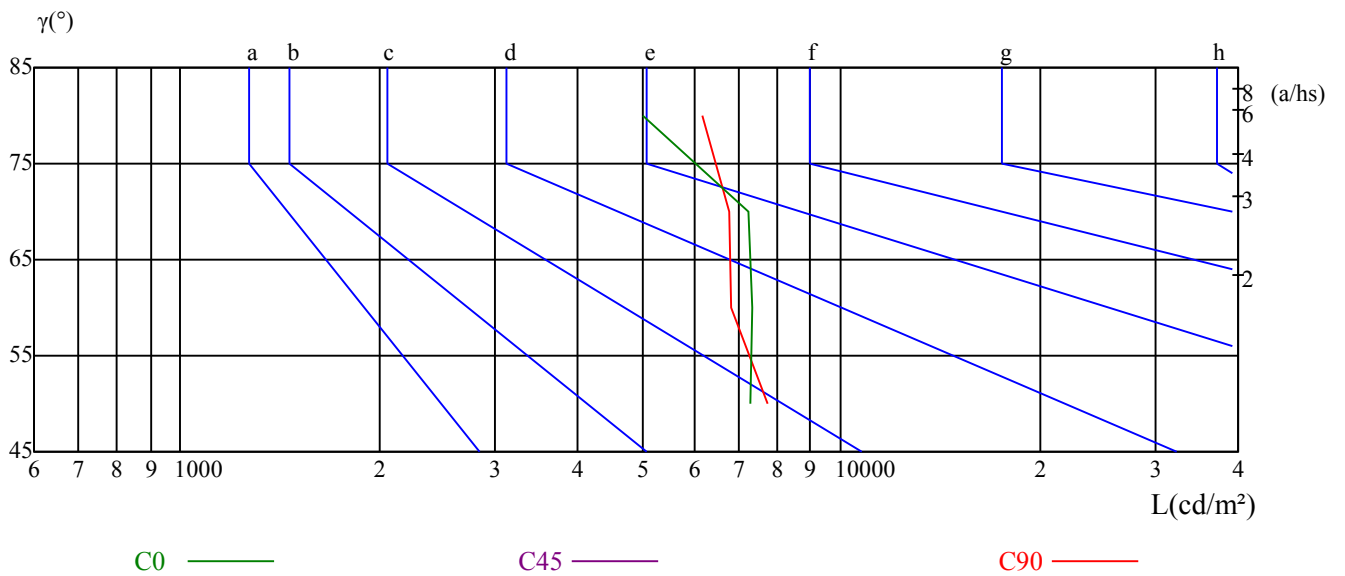
γ	45	50	55	60	65	70	75	80	85
C0	0	7303	0	7329	0	7267	0	5015	0
C45	0	0	0	0	0	0	0	0	0
C90	0	7733	0	6819	0	6801	0	6178	0

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	17.32	18.46	17.68	18.77	19.09	17.34	18.48	17.70	18.79	19.11
	3H	19.25	20.26	19.63	20.59	20.96	19.42	20.43	19.80	20.76	21.13
	4H	20.00	20.95	20.41	21.30	21.69	20.19	21.13	20.60	21.49	21.87
	6H	20.53	21.40	20.95	21.77	22.17	20.69	21.56	21.11	21.93	22.33
	8H	20.68	21.49	21.11	21.88	22.29	20.83	21.64	21.26	22.04	22.44
	12H	20.81	21.59	21.24	21.97	22.40	20.96	21.74	21.39	22.12	22.55
4H	2H	17.91	18.85	18.31	19.20	19.59	17.92	18.87	18.33	19.22	19.60
	3H	20.04	20.82	20.46	21.23	21.63	20.19	20.96	20.60	21.37	21.77
	4H	20.92	21.62	21.36	22.04	22.48	21.07	21.77	21.51	22.19	22.64
	6H	21.46	22.05	21.92	22.50	22.97	21.59	22.19	22.06	22.64	23.11
	8H	21.64	22.20	22.11	22.65	23.12	21.76	22.32	22.23	22.77	23.24
	12H	21.77	22.26	22.26	22.74	23.22	21.90	22.38	22.39	22.87	23.35
8H	4H	21.20	21.75	21.67	22.20	22.67	21.33	21.89	21.80	22.33	22.81
	6H	21.86	22.31	22.37	22.81	23.29	21.97	22.42	22.48	22.92	23.40
	8H	22.11	22.51	22.63	23.02	23.52	22.21	22.60	22.73	23.12	23.62
	12H	22.71	23.06	23.23	23.56	24.13	22.82	23.16	23.34	23.66	24.24
12H	4H	21.20	21.69	21.69	22.17	22.65	21.33	21.82	21.82	22.30	22.78
	6H	22.32	22.30	22.43	22.77	23.31	22.43	22.41	22.54	22.87	23.42
	8H	22.19	22.53	22.70	23.03	23.60	22.28	22.62	22.80	23.12	23.70
对应照射距离，改变观察者位置S											
S = 1.0H	0.4/-0.6					0.4/-0.6					
S = 1.5H	0.9/-0.8					1.0/-0.7					
S = 2.0H	1.6/-0.8					1.4/-0.7					
标准表格	BK3					BK3					
更正系数	1.6					1.5					

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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	1295.41	1262.18	1191.27	1086.91	962.14	823.32	697.16	574.30	462.50
30.0	1519.17	1502.14	1434.84	1324.03	1190.43	1031.89	872.58	730.39	594.41
60.0	1514.65	1492.62	1422.48	1300.17	1162.34	1002.65	847.41	707.90	575.15
90.0	1509.66	1497.99	1434.15	1331.55	1185.52	1036.49	880.10	740.21	605.69
120.0	1506.36	1492.01	1423.94	1321.19	1183.68	1028.59	881.64	734.23	606.38
150.0	1501.06	1497.38	1439.52	1344.14	1213.68	1067.88	908.88	758.70	627.02
180.0	1295.41	1285.89	1233.94	1144.69	1025.37	895.91	760.01	632.01	521.59
210.0	1519.17	1485.03	1396.16	1269.32	1124.74	963.52	815.72	668.54	541.23
240.0	1514.65	1483.03	1393.55	1266.63	1124.82	963.21	810.20	666.85	543.92
270.0	1509.66	1464.61	1366.85	1241.77	1087.53	929.75	780.96	648.43	526.65
300.0	1506.36	1466.38	1379.28	1255.43	1108.55	957.07	806.74	673.68	547.37
330.0	1501.06	1455.25	1367.92	1245.53	1097.27	949.17	798.45	656.34	533.33
360.0	1295.41	1262.18	1191.27	1086.91	962.14	823.32	697.16	574.30	462.50
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	376.63	302.58	242.18	196.37	161.92	132.30	110.20	93.47	79.35
30.0	478.46	384.38	311.71	251.32	206.19	168.29	138.74	116.64	98.07
60.0	469.79	374.02	303.65	245.64	201.51	164.45	135.90	114.11	96.08
90.0	490.35	400.57	324.06	262.75	213.18	175.12	143.73	119.25	100.91
120.0	486.82	396.73	318.92	257.76	210.87	171.59	142.35	116.95	98.61
150.0	506.93	408.17	326.98	265.90	215.02	174.73	144.65	119.71	99.91
180.0	423.28	341.41	275.26	225.22	183.63	149.95	124.93	104.59	89.09
210.0	436.48	353.53	284.39	230.52	189.00	155.01	128.61	107.13	91.39
240.0	439.63	357.98	287.00	233.05	189.93	156.47	129.92	108.81	92.24
270.0	430.57	346.78	281.32	231.82	187.78	153.71	127.38	107.36	91.01
300.0	443.54	357.60	289.99	235.20	191.31	157.39	130.30	108.81	91.24
330.0	435.41	348.31	283.09	229.37	185.70	153.63	126.08	105.90	89.48
360.0	376.63	302.58	242.18	196.37	161.92	132.30	110.20	93.47	79.35
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	69.06	60.16	53.72	48.65	43.97	40.21	36.68	33.92	31.08
30.0	83.41	71.75	62.69	54.94	48.50	43.74	39.44	35.99	33.07
60.0	81.80	70.37	61.39	53.79	47.88	42.82	38.68	35.38	32.46
90.0	85.64	73.36	63.46	55.79	49.11	44.05	39.52	35.91	32.92
120.0	83.41	71.75	61.70	53.72	47.19	42.13	37.83	34.15	31.46
150.0	84.41	72.59	62.46	54.64	48.04	42.67	38.45	34.84	31.92
180.0	75.51	65.92	57.40	50.49	44.43	40.06	35.76	32.77	29.85
210.0	78.12	67.68	58.86	51.87	46.20	41.28	37.68	34.46	31.92
240.0	78.81	67.91	58.86	52.26	46.43	41.52	37.83	34.53	31.69
270.0	78.73	67.15	59.01	51.80	45.89	41.28	37.37	34.15	31.46
300.0	78.35	67.45	58.63	51.41	45.35	40.44	36.53	33.38	30.46
330.0	76.89	65.84	57.32	50.72	44.66	40.13	36.37	33.23	30.62
360.0	69.06	60.16	53.72	48.65	43.97	40.21	36.68	33.92	31.08
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	32.46	30.00	28.16	26.47	24.79	23.25	21.41	19.72	17.96
30.0	30.85	28.62	26.93	25.09	23.40	21.95	20.26	18.57	16.88
60.0	30.16	28.01	26.32	24.63	22.94	21.33	19.95	18.19	16.50
90.0	30.39	28.09	26.17	24.63	23.02	21.64	19.95	18.34	16.81
120.0	28.93	26.86	25.09	23.40	21.87	20.26	18.80	17.27	15.73
150.0	29.47	27.40	25.55	23.87	22.33	20.80	19.26	17.65	16.19
180.0	26.86	23.94	21.87	20.80	20.03	19.88	19.57	18.57	16.96
210.0	29.70	27.78	26.01	24.33	22.64	21.18	19.57	17.96	16.42
240.0	29.31	27.63	25.71	24.10	22.56	20.95	19.34	17.73	16.04
270.0	29.01	27.01	25.25	23.71	22.10	20.57	18.80	17.27	15.42
300.0	28.32	26.17	24.40	22.71	21.18	19.57	17.96	16.42	14.73
330.0	28.47	26.40	24.56	22.94	21.33	19.72	18.11	16.50	14.81
360.0	32.46	30.00	28.16	26.47	24.79	23.25	21.41	19.72	17.96

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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	16.11	12.66	10.59	8.52	6.29	4.30	2.69	0.84	0.31
30.0	15.04	13.20	11.28	9.13	7.21	5.22	2.99	1.38	0.15
60.0	14.89	13.12	11.20	9.13	7.14	4.91	3.07	1.46	0.23
90.0	15.04	13.28	11.51	9.67	7.75	5.83	3.68	1.92	0.31
120.0	14.12	12.43	10.74	8.98	7.14	5.14	3.30	1.76	0.31
150.0	14.43	12.82	11.05	9.13	7.21	5.37	3.30	1.15	0.23
180.0	15.35	13.58	11.59	9.52	7.44	5.53	3.68	2.15	0.38
210.0	14.50	12.66	10.59	8.59	6.60	4.60	2.61	1.00	0.15
240.0	14.50	12.66	10.74	8.67	6.52	4.37	2.69	0.92	0.15
270.0	13.74	11.89	10.13	8.13	6.22	4.14	2.30	0.69	0.08
300.0	13.20	11.43	9.59	7.75	5.76	3.76	2.15	0.54	0.08
330.0	13.05	11.28	9.44	7.44	5.53	3.61	1.92	0.38	0.00
360.0	16.11	12.66	10.59	8.52	6.29	4.30	2.69	0.84	0.31

C/γ(°)	90.0
0.0	0.15
30.0	0.00
60.0	0.00
90.0	0.08
120.0	0.08
150.0	0.00
180.0	0.23
210.0	0.00
240.0	0.00
270.0	0.00
300.0	0.00
330.0	0.00
360.0	0.15