

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(45-CL-6RGBWN-AJ, CT)

报告编号:

电压(V): 24.3000

测试编号: 20210303008

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): 469.49

灯具效能(lm/w): 37.26

中心光强(cd): 452.829

最大光强(cd): 522.506

最大光强角度: $C=30.0 \gamma=2.0$

半峰边角(50%Imax): [C0/180]Total=49.7

[C90/270]Total=48.6

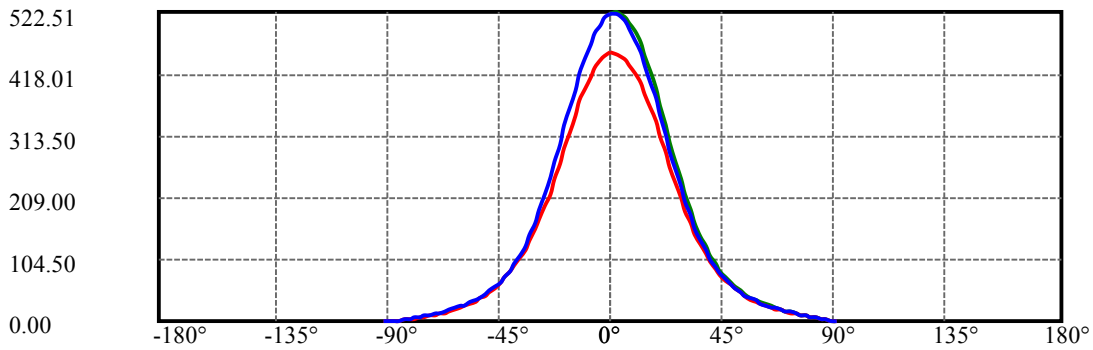
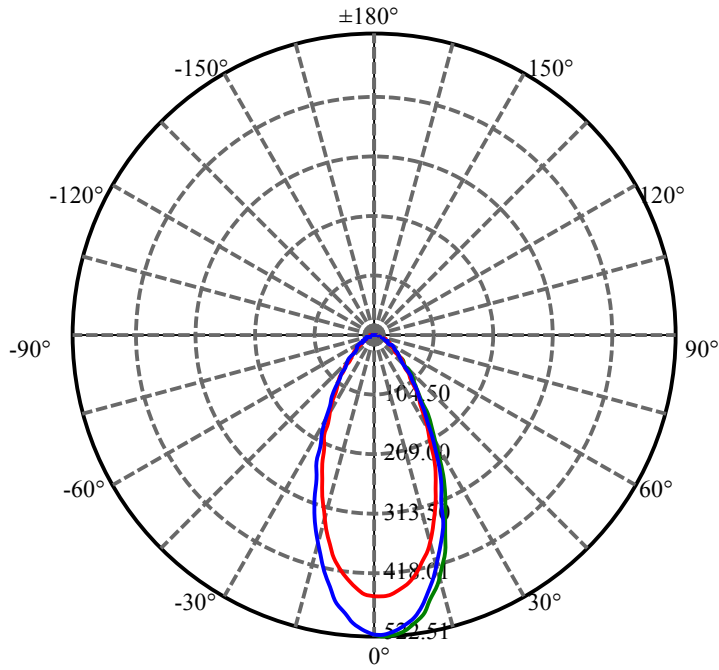
光束扩散角(10%Imax): [C0/180]Total=102.2

[C90/270]Total=99.0

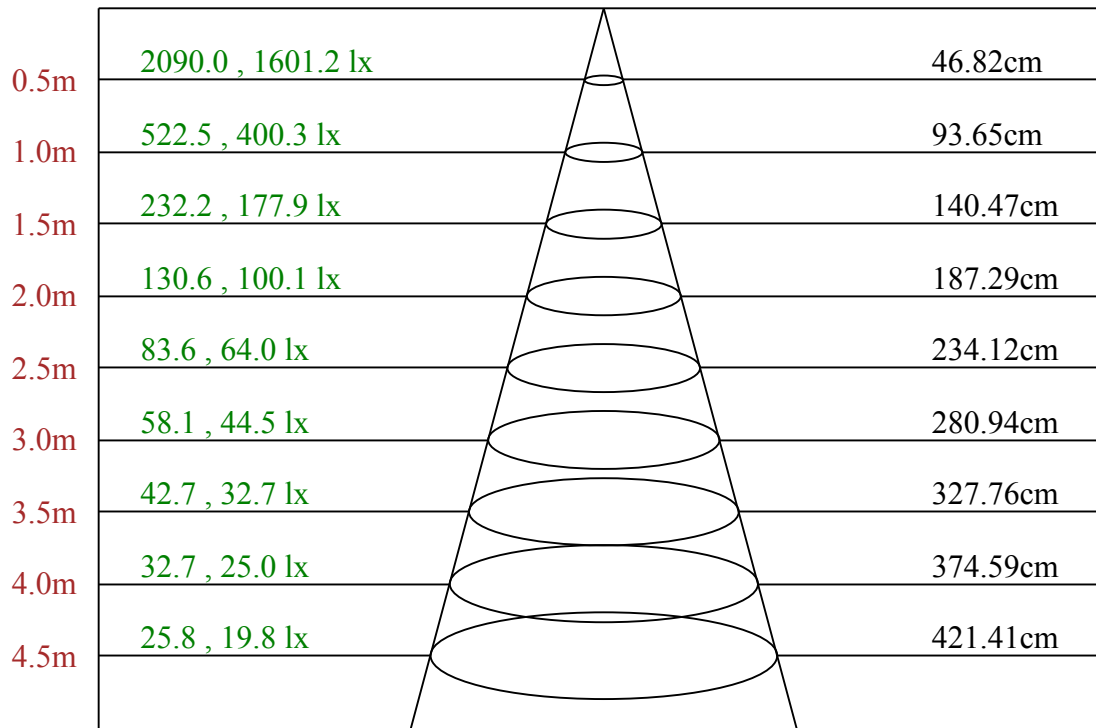
测试设备: GMS1800
环境温度(°C): 25.0

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

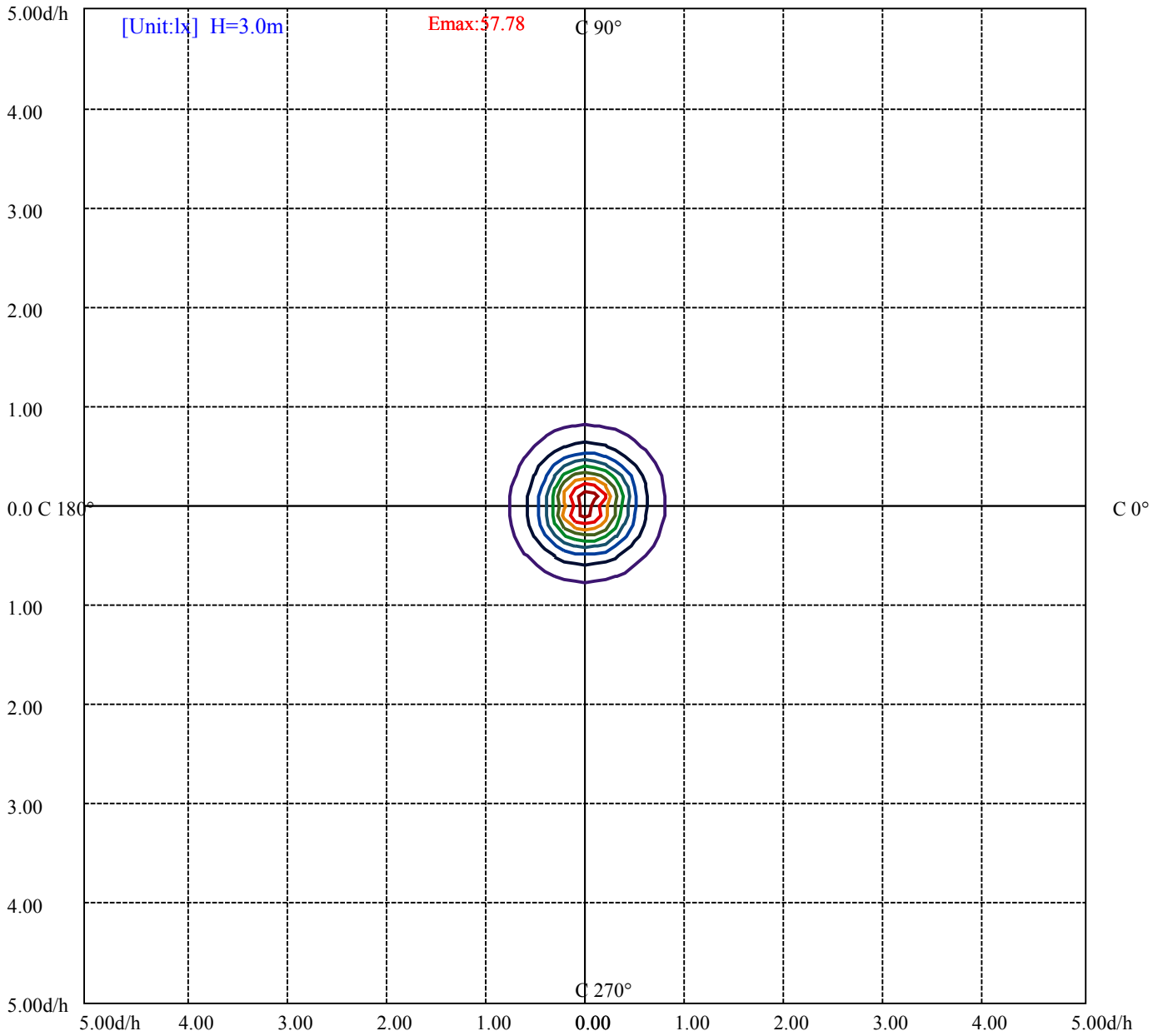


C30(Max): —
C0/C180: —
C90/C270: —



Max , Ave C30面光束角50.12

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平面等照度曲线



- (10%Emax) 5.777489
- (20%Emax) 11.555
- (30%Emax) 17.33245
- (40%Emax) 23.11
- (50%Emax) 28.88744
- (60%Emax) 34.66489
- (70%Emax) 40.44244
- (80%Emax) 46.21989
- (90%Emax) 51.99744

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灯具的亮度限制曲线(灯具无发光侧边)

亮度值表

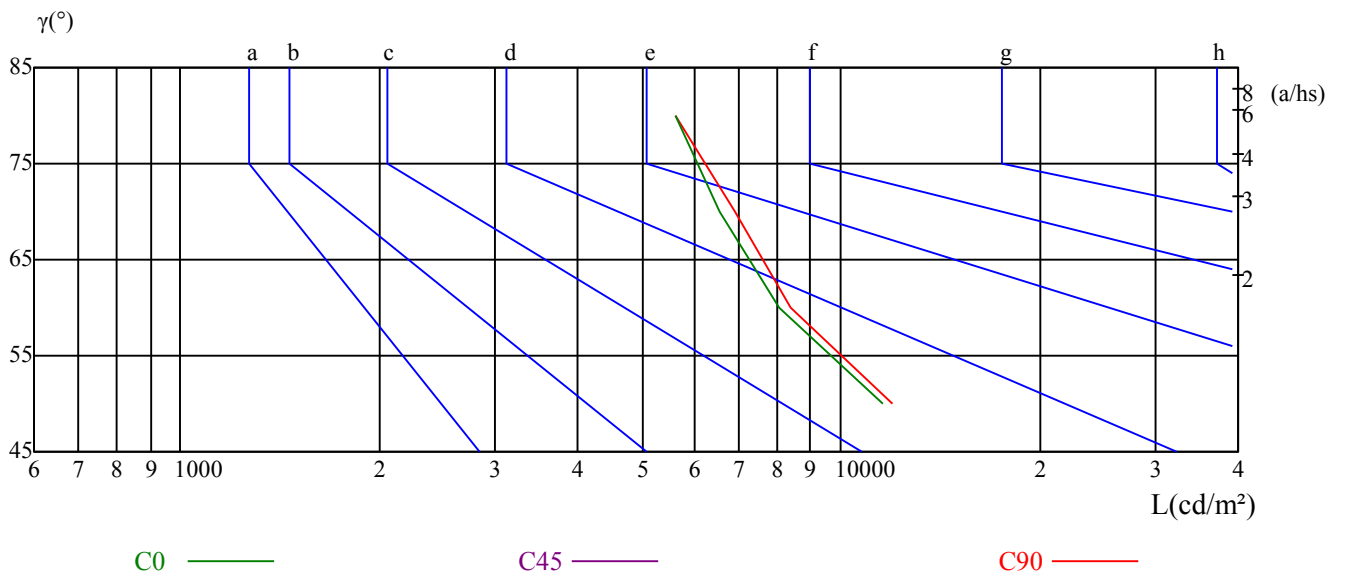
γ	45	50	55	60	65	70	75	80	85
C0	0	11600	0	8051	0	6552	0	5627	0
C45	0	0	0	0	0	0	0	0	0
C90	0	11980	0	8412	0	6894	0	5627	0

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	19.55	20.80	19.92	21.11	21.42	19.57	20.82	19.94	21.13	21.44
	3H	20.79	21.89	21.17	22.22	22.59	20.71	21.82	21.09	22.15	22.51
	4H	21.23	22.26	21.63	22.61	23.00	21.10	22.13	21.51	22.48	22.87
	6H	21.51	22.46	21.93	22.83	23.23	21.36	22.30	21.77	22.67	23.07
	8H	21.58	22.48	22.01	22.87	23.27	21.42	22.32	21.86	22.71	23.12
	12H	21.65	22.50	22.08	22.89	23.32	21.51	22.36	21.94	22.74	23.17
4H	2H	19.97	21.00	20.37	21.35	21.73	19.98	21.01	20.39	21.37	21.75
	3H	21.38	22.22	21.79	22.63	23.03	21.39	22.23	21.80	22.64	23.04
	4H	21.93	22.69	22.37	23.11	23.55	21.90	22.66	22.34	23.08	23.52
	6H	22.25	22.91	22.72	23.35	23.82	22.20	22.85	22.66	23.30	23.76
	8H	22.35	22.96	22.82	23.41	23.88	22.30	22.90	22.77	23.35	23.82
	12H	22.43	22.97	22.92	23.45	23.93	22.39	22.93	22.88	23.41	23.89
8H	4H	22.12	22.72	22.59	23.17	23.64	22.08	22.69	22.55	23.14	23.61
	6H	22.54	23.03	23.05	23.53	24.01	22.50	23.00	23.01	23.49	23.98
	8H	22.70	23.14	23.22	23.65	24.15	22.67	23.11	23.19	23.62	24.12
	12H	23.33	23.72	23.85	24.21	24.79	23.33	23.72	23.85	24.21	24.79
12H	4H	22.11	22.64	22.60	23.13	23.60	22.08	22.61	22.56	23.09	23.57
	6H	23.09	23.01	23.09	23.47	24.02	23.05	22.97	23.05	23.43	23.98
	8H	22.76	23.14	23.27	23.64	24.21	22.73	23.11	23.25	23.61	24.18
对应照射距离，改变观察者位置S											
S = 1.0H	0.6/-0.9					0.6/-1.0					
S = 1.5H	1.2/-1.4					1.3/-1.5					
S = 2.0H	2.8/-1.5					2.7/-1.7					
标准表格	BK3					BK3					
更正系数	3.6					3.6					

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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	452.83	452.68	449.45	442.55	432.80	418.37	402.87	383.38	361.59
30.0	520.43	522.51	520.28	513.99	503.40	488.82	469.79	447.30	422.44
60.0	519.51	521.05	517.52	509.61	496.95	480.84	460.27	436.33	409.32
90.0	518.21	519.28	515.37	506.47	493.35	475.31	455.05	430.65	403.56
120.0	517.83	516.75	510.61	500.10	486.06	467.10	444.69	420.75	392.74
150.0	432.11	425.51	429.58	426.97	429.58	431.27	417.15	401.72	370.95
180.0	452.83	448.53	440.70	428.96	413.54	393.59	372.33	347.16	319.61
210.0	520.43	513.60	503.17	488.28	469.10	447.69	422.52	394.28	364.50
240.0	519.51	513.30	501.94	487.44	468.33	446.31	420.98	393.05	362.51
270.0	518.21	512.22	501.25	485.98	467.33	443.01	418.60	389.83	361.28
300.0	517.83	514.22	505.62	492.81	476.54	455.21	432.19	405.56	375.71
330.0	432.11	442.24	448.68	452.37	449.68	439.63	424.90	409.32	387.60
360.0	452.83	452.68	449.45	442.55	432.80	418.37	402.87	383.38	361.59
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	337.72	312.09	286.31	259.91	233.74	208.27	186.55	165.22	145.11
30.0	393.82	363.66	331.89	301.81	270.58	240.73	213.94	188.16	164.68
60.0	382.08	351.77	320.38	291.14	260.75	231.75	204.97	181.25	158.77
90.0	375.86	345.70	314.93	284.08	256.15	227.83	201.44	178.57	156.47
120.0	363.66	333.12	303.65	273.42	245.71	216.48	192.23	168.98	147.87
150.0	333.89	294.90	255.84	226.38	203.74	183.33	167.36	151.02	135.60
180.0	293.44	266.13	239.42	215.10	193.76	172.97	155.09	137.59	121.32
210.0	335.57	303.96	273.49	245.71	217.40	192.84	168.59	148.26	129.84
240.0	333.73	302.88	271.65	244.26	216.63	190.39	167.59	147.64	128.61
270.0	331.05	299.51	270.81	242.03	213.87	188.70	166.90	145.49	128.08
300.0	345.70	316.16	284.47	254.92	227.83	200.29	176.34	154.47	135.29
330.0	358.98	328.82	297.36	266.82	236.66	210.64	185.63	162.15	142.96
360.0	337.72	312.09	286.31	259.91	233.74	208.27	186.55	165.22	145.11
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	129.38	113.65	99.76	87.86	77.89	68.60	61.01	53.87	47.42
30.0	143.88	126.39	110.35	97.07	84.87	74.51	65.76	57.71	50.88
60.0	139.82	122.09	106.59	93.85	82.11	71.90	63.16	55.94	49.34
90.0	137.82	119.56	105.28	92.09	81.19	71.37	62.69	55.63	49.04
120.0	130.22	113.80	100.07	86.94	76.74	67.30	59.55	52.41	46.20
150.0	112.50	94.69	82.95	75.20	68.60	63.62	57.40	51.72	46.35
180.0	106.90	94.85	83.34	73.36	64.54	56.48	49.50	43.28	38.14
210.0	114.49	99.68	87.33	77.20	67.38	59.39	52.18	46.12	40.75
240.0	113.34	98.99	86.18	75.74	66.68	58.40	51.34	45.51	40.06
270.0	111.96	97.38	85.72	75.20	65.76	57.86	51.11	44.89	39.67
300.0	118.41	103.98	90.47	79.27	69.37	60.93	53.72	47.12	41.67
330.0	125.08	108.97	96.08	84.26	73.59	65.15	57.32	50.26	44.66
360.0	129.38	113.65	99.76	87.86	77.89	68.60	61.01	53.87	47.42
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	41.90	37.22	32.77	29.08	25.86	22.94	20.41	18.26	16.19
30.0	44.81	39.83	35.30	31.39	28.09	25.02	22.18	19.57	17.19
60.0	43.51	38.75	34.22	30.31	26.86	24.02	21.41	19.03	16.81
90.0	43.28	38.29	34.22	30.39	27.17	24.33	21.72	19.41	17.04
120.0	41.13	36.53	32.38	28.70	25.71	22.94	20.64	16.27	12.66
150.0	41.28	36.83	33.00	29.77	26.78	24.17	21.64	19.18	16.81
180.0	33.30	28.85	25.32	21.79	18.88	16.19	13.89	11.59	9.82
210.0	36.22	32.08	28.55	25.40	22.48	20.11	17.57	15.19	12.89
240.0	35.38	31.23	27.70	24.63	21.87	19.41	17.19	15.12	13.12
270.0	35.30	31.08	27.55	24.48	21.87	19.26	16.96	14.50	12.43
300.0	36.91	32.46	28.62	25.55	22.71	20.03	17.73	15.50	13.35
330.0	39.60	35.15	31.16	28.01	24.86	22.25	19.57	17.04	14.89
360.0	41.90	37.22	32.77	29.08	25.86	22.94	20.41	18.26	16.19

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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	14.35	12.35	10.59	8.75	7.06	5.45	3.84	2.15	1.61
30.0	14.81	12.74	10.67	8.67	6.98	5.29	3.53	2.00	0.46
60.0	14.89	12.97	10.90	9.06	7.06	5.53	3.91	2.46	0.69
90.0	14.89	12.82	10.82	8.90	7.06	5.45	3.91	2.38	1.00
120.0	11.36	10.44	10.21	8.52	6.75	4.99	3.45	2.00	0.61
150.0	14.50	12.51	10.59	8.75	7.06	5.53	3.91	2.53	1.53
180.0	8.13	6.60	5.29	3.76	2.69	2.00	1.53	0.54	0.38
210.0	10.90	8.90	7.14	5.60	3.99	2.46	1.00	0.23	0.00
240.0	11.05	9.06	7.21	5.60	3.99	2.46	0.84	0.15	0.08
270.0	10.36	8.44	6.83	5.22	3.53	2.15	0.69	0.15	0.00
300.0	11.43	9.52	7.60	5.99	4.37	2.92	1.15	0.31	0.00
330.0	12.74	10.67	8.82	7.21	5.53	3.99	2.38	1.23	0.92
360.0	14.35	12.35	10.59	8.75	7.06	5.45	3.84	2.15	1.61

C/γ(°)	90.0
0.0	1.38
30.0	0.15
60.0	0.23
90.0	0.23
120.0	0.23
150.0	1.15
180.0	0.23
210.0	0.00
240.0	0.00
270.0	0.08
300.0	0.00
330.0	0.92
360.0	1.38