

浙大三色

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## ROLED

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灯具名称: 地埋灯

灯具描述: G1031A-3-UN(60-OL-3WN-AA, P1)

报告编号:

电压(V): 220.6000

测试编号: 20210322007

电流(A): 0.0210

光源规格型号: OL

功率(W): 4.1000

每个光源光通量(lm)

功率因数: 0.8770

光源数量: 3

镇流器型号:

发光面长度(mm): 65

发光面宽度(mm): 65

测试模式: C

发光面高度(mm): 0

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## 光度结果

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灯具光通量(lm): 294.96

灯具效能(lm/w): 71.94

中心光强(cd): 302.730

最大光强(cd): 304.725

最大光强角度: C=150.0  $\gamma$ =6.0

半峰边角(50%Imax): [C0/180]Total=52.9

[C90/270]Total=53.2

光束扩散角(10%Imax): [C0/180]Total=97.9

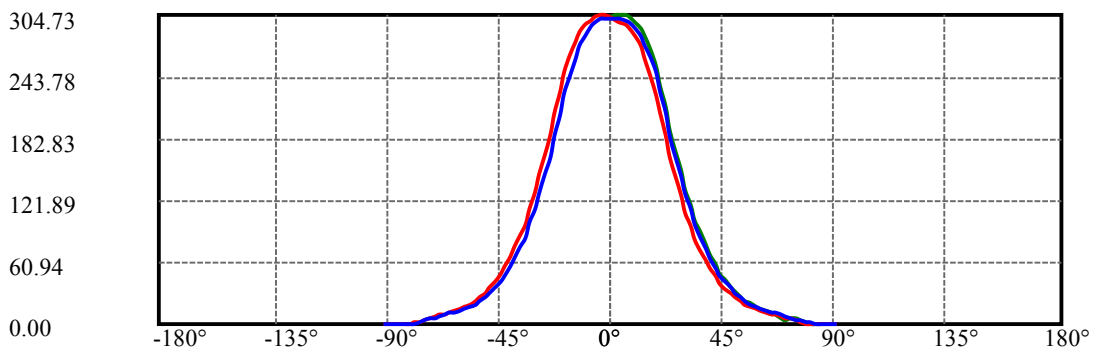
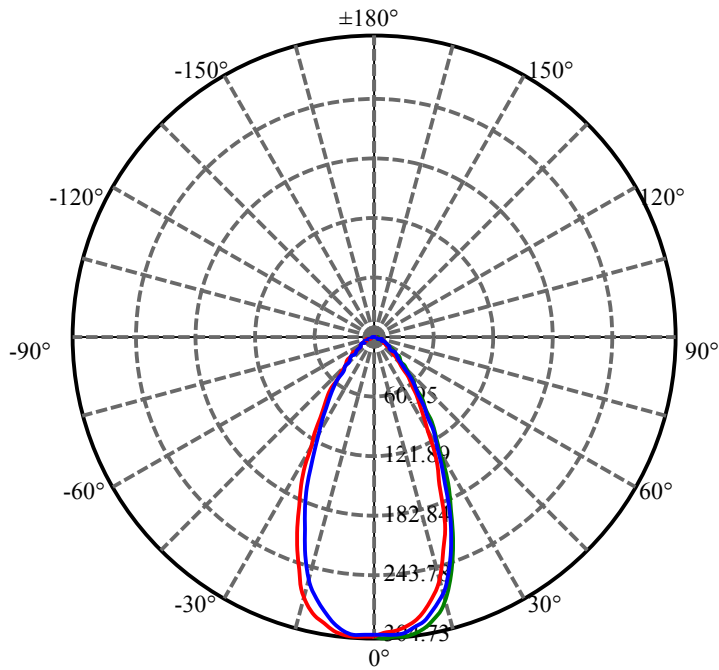
[C90/270]Total=98.2

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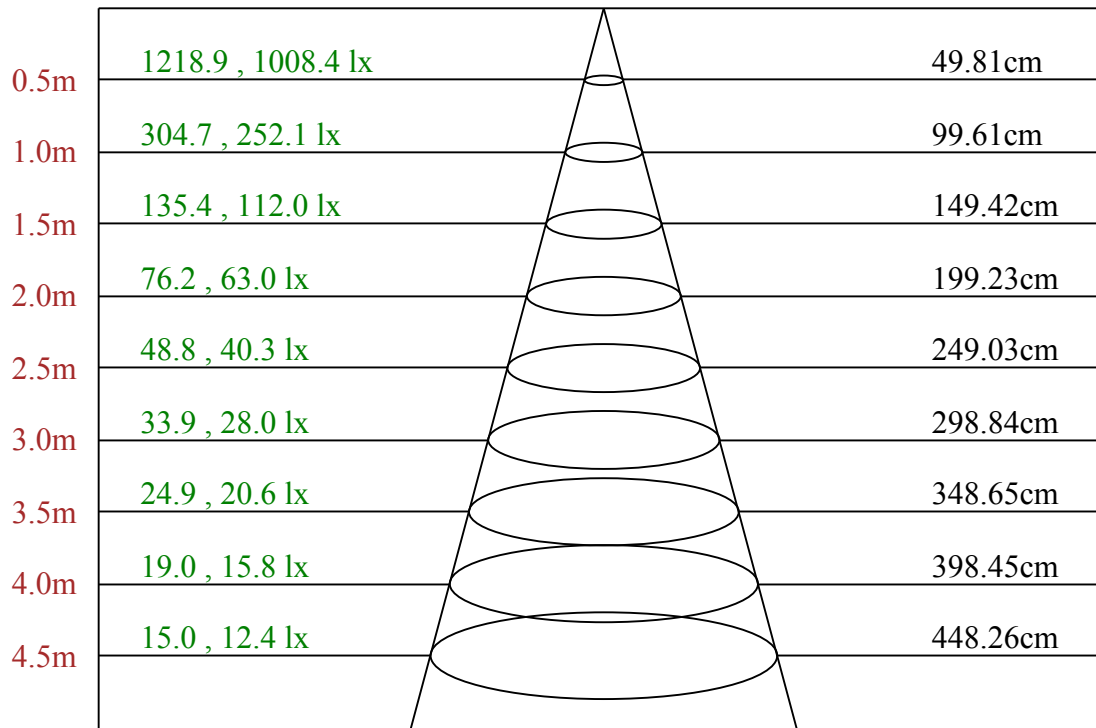
测试设备: GMS1800  
环境温度(°C): 25.0

测试日期: 2021/3/22  
环境湿度(%): 60.0%

测试人员: anpeilou  
测试距离(m): 8.76

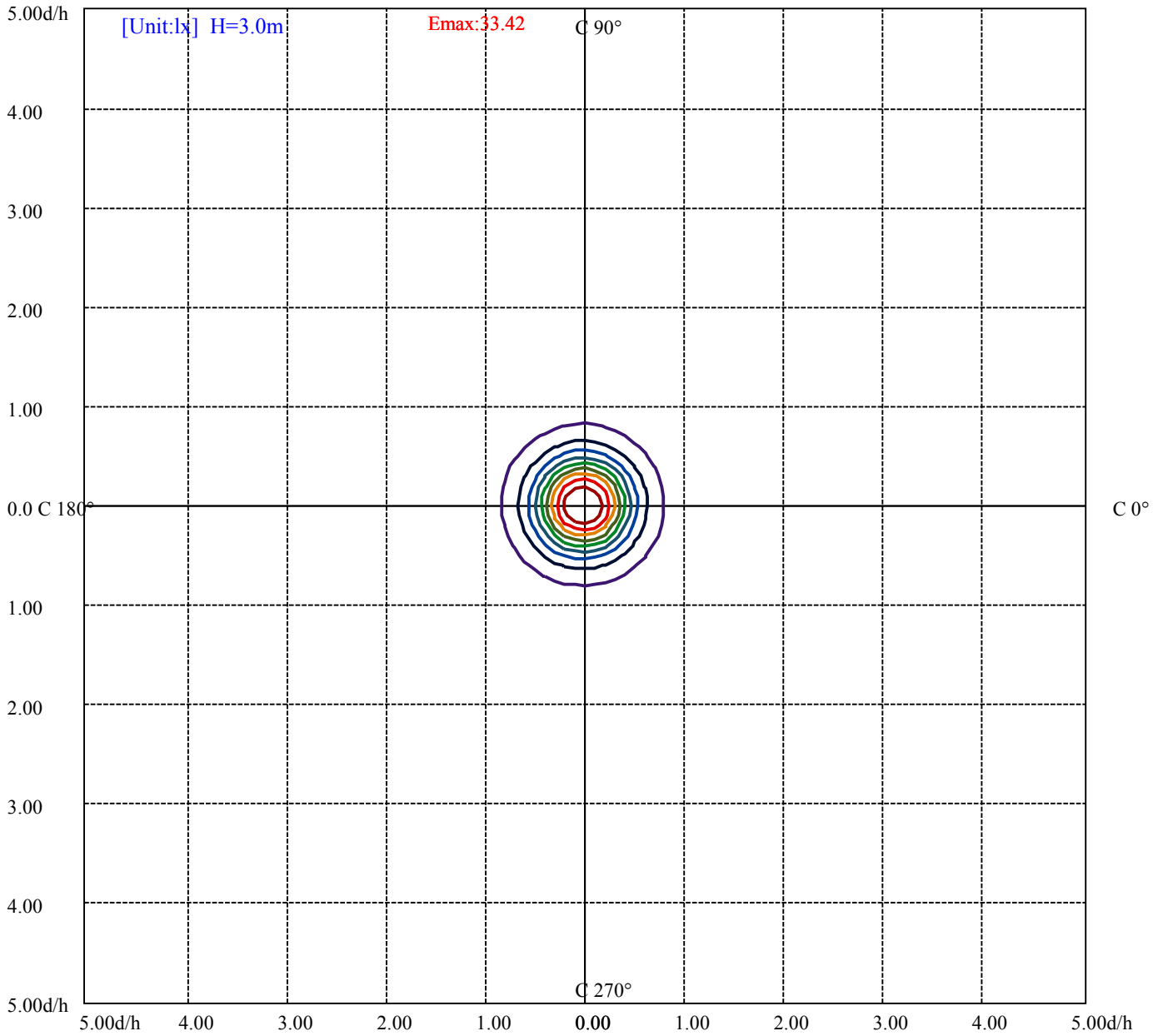


C150(Max): —  
C0/C180: —  
C90/C270: —



Max , Ave C150面光束角52.91

ROLED 地埋灯  
平面等照度曲线



- (10%Emax) 3.3415
- (20%Emax) 6.682989
- (30%Emax) 10.02449
- (40%Emax) 13.366
- (50%Emax) 16.70745
- (60%Emax) 20.049
- (70%Emax) 23.39045
- (80%Emax) 26.732
- (90%Emax) 30.07345

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# ROLED 地埋灯

## 灯具的亮度限制曲线(灯具无发光侧边)

亮度值表

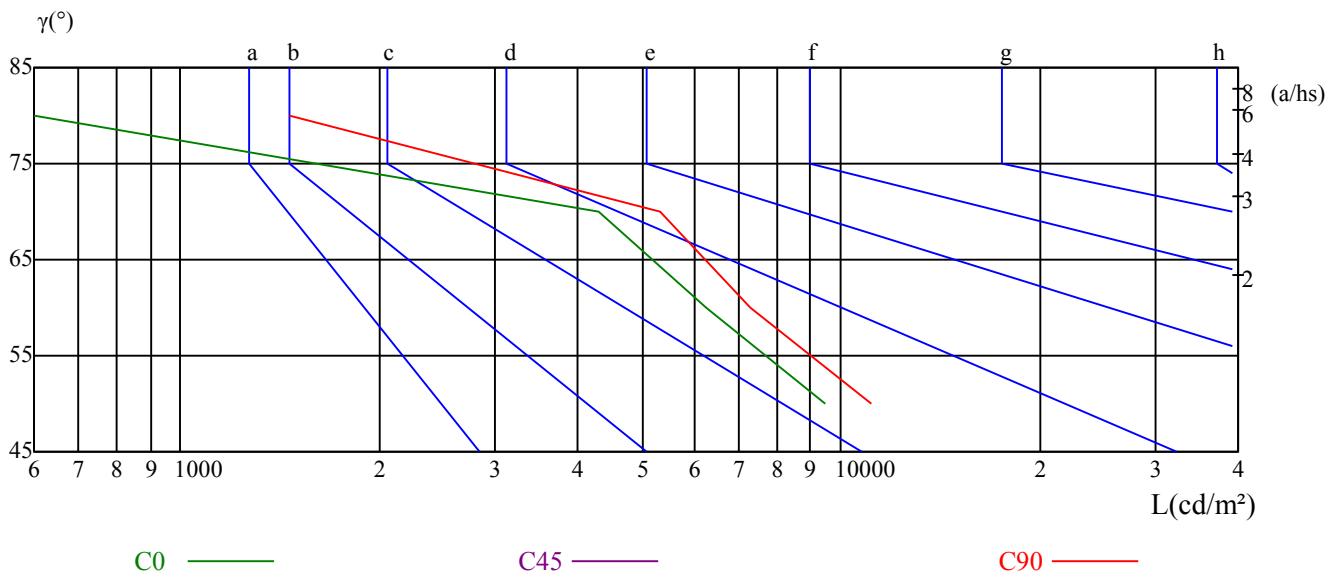
$\gamma$	45	50	55	60	65	70	75	80	85
C0	0	9466	0	6248	0	4301	0	418	0
C45	0	0	0	0	0	0	0	0	0
C90	0	11161	0	7301	0	5310	0	1464	0

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	20.28	21.46	20.64	21.77	22.09	20.13	21.31	20.49	21.62	21.94
	3H	21.36	22.40	21.74	22.73	23.10	21.12	22.16	21.50	22.49	22.86
	4H	21.54	22.51	21.94	22.86	23.25	21.31	22.28	21.71	22.63	23.02
	6H	21.53	22.41	21.94	22.79	23.18	21.29	22.18	21.71	22.55	22.95
	8H	21.48	22.32	21.92	22.71	23.12	21.25	22.09	21.68	22.48	22.88
	12H	21.44	22.24	21.87	22.62	23.05	21.20	22.00	21.64	22.39	22.82
4H	2H	20.60	21.57	21.00	21.92	22.31	20.47	21.44	20.88	21.79	22.18
	3H	21.82	22.61	22.23	23.01	23.42	21.55	22.34	21.96	22.75	23.15
	4H	22.04	22.74	22.47	23.16	23.61	21.79	22.49	22.22	22.91	23.36
	6H	22.04	22.64	22.50	23.09	23.56	21.78	22.39	22.25	22.84	23.31
	8H	21.99	22.55	22.46	23.00	23.47	21.73	22.29	22.20	22.74	23.21
	12H	21.94	22.43	22.43	22.92	23.39	21.68	22.17	22.17	22.66	23.13
8H	4H	22.02	22.58	22.49	23.03	23.50	21.79	22.35	22.26	22.80	23.27
	6H	22.01	22.46	22.52	22.96	23.45	21.78	22.23	22.28	22.73	23.21
	8H	21.96	22.36	22.49	22.88	23.38	21.72	22.12	22.25	22.64	23.14
	12H	22.68	23.03	23.20	23.53	24.10	22.43	22.79	22.95	23.28	23.86
12H	4H	21.97	22.46	22.46	22.95	23.42	21.74	22.23	22.23	22.72	23.19
	6H	22.39	22.36	22.49	22.83	23.38	22.16	22.13	22.25	22.60	23.14
	8H	21.92	22.27	22.43	22.77	23.34	21.68	22.03	22.20	22.53	23.10
对应照射距离，改变观察者位置S											
S = 1.0H	1.1/-1.3					1.0/-1.5					
S = 1.5H	2.4/-2.1					2.3/-2.2					
S = 2.0H	4.6/-2.5					4.5/-2.9					
标准表格	BK2					BK2					
更正系数	1.4					0.7					

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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	302.73	299.74	297.43	295.52	290.76	283.85	273.88	260.98	244.33
30.0	300.89	300.12	298.28	295.06	290.14	284.70	276.87	266.20	252.47
60.0	300.58	299.74	299.97	297.51	293.91	287.61	278.79	267.89	255.61
90.0	300.50	300.20	301.20	299.58	296.82	292.29	284.16	274.87	263.67
120.0	303.73	304.19	303.27	302.96	300.50	295.98	290.14	280.63	268.20
150.0	303.34	304.65	304.42	304.73	302.42	297.59	291.76	283.70	270.04
180.0	302.73	303.88	304.42	303.34	299.20	294.37	287.77	278.79	265.13
210.0	300.89	302.35	302.35	302.27	298.59	292.91	286.00	275.49	260.75
240.0	300.58	301.35	302.35	301.04	297.05	290.61	280.55	268.43	253.62
270.0	300.50	300.73	301.04	297.82	292.91	284.77	273.95	260.83	243.57
300.0	303.73	302.88	301.66	297.43	292.98	287.54	277.10	263.67	246.25
330.0	303.34	300.66	298.74	295.75	291.83	283.39	272.34	257.68	239.34
360.0	302.73	299.74	297.43	295.52	290.76	283.85	273.88	260.98	244.33
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	225.61	207.58	186.09	164.30	144.88	127.38	110.58	96.15	84.18
30.0	234.74	215.48	193.61	171.66	150.71	131.76	115.72	100.53	87.33
60.0	239.57	219.93	198.14	176.11	155.55	136.82	120.78	105.05	91.39
90.0	247.56	228.45	207.27	186.24	165.60	145.95	129.15	112.80	98.30
120.0	252.08	231.82	210.34	188.16	166.75	146.95	129.76	113.19	98.45
150.0	253.54	234.28	213.33	192.07	170.59	151.02	133.22	117.41	102.67
180.0	247.71	228.52	208.11	187.01	167.21	147.95	129.99	114.03	98.91
210.0	244.95	224.69	202.13	180.79	161.00	142.12	124.31	109.43	94.62
240.0	237.66	218.78	197.75	176.19	157.62	139.05	123.24	107.74	93.24
270.0	226.68	206.58	185.55	165.22	146.72	128.69	113.65	99.45	85.87
300.0	226.45	206.35	185.17	165.83	147.11	129.00	112.42	98.38	85.49
330.0	219.78	198.98	178.80	158.16	139.28	121.94	107.43	93.47	81.96
360.0	225.61	207.58	186.09	164.30	144.88	127.38	110.58	96.15	84.18
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	72.75	63.08	54.25	46.89	40.44	34.99	30.00	25.71	22.10
30.0	75.59	65.23	56.48	48.57	41.52	35.53	30.39	25.86	22.25
60.0	79.19	68.45	58.78	51.11	43.89	37.52	32.15	27.40	23.64
90.0	85.41	73.98	63.77	54.94	47.88	40.98	35.22	30.31	26.09
120.0	86.02	74.51	65.00	55.48	48.11	41.21	35.38	30.39	26.09
150.0	90.24	77.66	67.84	58.47	50.11	43.13	36.83	31.69	26.93
180.0	86.25	74.82	65.30	56.25	48.34	41.59	35.53	30.31	25.94
210.0	82.26	71.21	61.08	52.72	45.28	39.06	33.53	28.70	24.48
240.0	80.96	70.06	60.39	51.80	45.12	38.52	32.84	28.16	23.87
270.0	74.97	64.84	56.10	47.81	41.44	35.22	30.31	26.01	22.41
300.0	73.98	64.77	55.71	47.81	41.13	35.30	30.16	26.17	22.48
330.0	71.21	61.54	53.03	45.74	39.29	33.69	29.39	25.25	21.72
360.0	72.75	63.08	54.25	46.89	40.44	34.99	30.00	25.71	22.10
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	19.03	16.81	14.66	13.20	11.66	10.21	8.90	7.60	6.22
30.0	19.11	16.65	14.66	12.82	11.51	10.13	8.90	7.67	6.29
60.0	20.41	18.03	15.81	14.20	12.58	11.13	9.67	8.36	6.91
90.0	22.41	19.64	17.34	15.42	13.81	12.28	10.67	9.29	7.67
120.0	22.71	19.49	17.19	15.12	13.51	11.82	10.44	9.13	7.44
150.0	23.10	20.03	17.57	15.42	13.66	12.12	10.05	5.06	4.53
180.0	22.41	19.34	16.96	14.96	13.20	11.59	10.05	8.75	7.29
210.0	21.03	18.26	15.88	14.04	12.35	10.82	9.44	8.13	6.68
240.0	20.64	18.11	15.96	14.04	12.58	10.97	9.59	8.36	6.91
270.0	19.72	17.27	15.19	13.51	11.97	10.59	9.29	7.83	6.37
300.0	19.64	17.11	15.19	13.58	12.05	10.51	8.98	7.44	5.76
330.0	18.95	16.65	14.89	13.12	11.66	10.21	8.75	7.21	5.60
360.0	19.03	16.81	14.66	13.20	11.66	10.21	8.90	7.60	6.22

# ROLED 地埋灯

## 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	4.76	3.61	2.23	0.84	0.31	0.38	0.15	0.00	0.00
30.0	5.14	3.99	2.53	0.92	0.31	0.23	0.15	0.00	0.00
60.0	5.29	3.91	2.61	1.61	0.54	0.38	0.23	0.08	0.00
90.0	5.91	4.30	2.92	2.07	1.07	0.38	0.31	0.15	0.00
120.0	6.06	4.60	3.30	1.84	0.77	0.38	0.23	0.08	0.00
150.0	6.29	4.99	3.68	2.23	0.61	0.31	0.23	0.15	0.00
180.0	5.91	4.30	2.76	1.84	0.84	0.31	0.23	0.08	0.00
210.0	5.22	3.61	2.30	1.53	0.61	0.31	0.23	0.00	0.00
240.0	5.60	4.07	2.84	1.23	0.38	0.31	0.15	0.00	0.00
270.0	5.06	3.53	2.00	0.61	0.38	0.31	0.08	0.00	0.00
300.0	4.07	2.99	1.92	1.00	0.38	0.31	0.08	0.00	0.08
330.0	4.14	2.76	1.92	1.00	0.31	0.31	0.08	0.08	0.00
360.0	4.76	3.61	2.23	0.84	0.31	0.38	0.15	0.00	0.00

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