

浙大三色

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ROLED

灯具名称: 地埋灯

灯具描述: G1033A-9-UN(60-OL-9WN-AA, P1)

报告编号:

电压(V): 220.5000

测试编号: 20210323005

电流(A): 0.0490

光源规格型号: OL

功率(W): 10.2000

每个光源光通量(lm)

功率因数: 0.9410

光源数量: 9

镇流器型号:

发光面长度(mm): 110

发光面宽度(mm): 110

测试模式: C

发光面高度(mm): 0

光度结果

灯具光通量(lm): 904.60

灯具效能(lm/w): 88.69

中心光强(cd): 887.854

最大光强(cd): 891.307

最大光强角度: C=210.0 $\gamma=4.0$

半峰边角(50%Imax): [C0/180]Total=53.7

[C90/270]Total=53.9

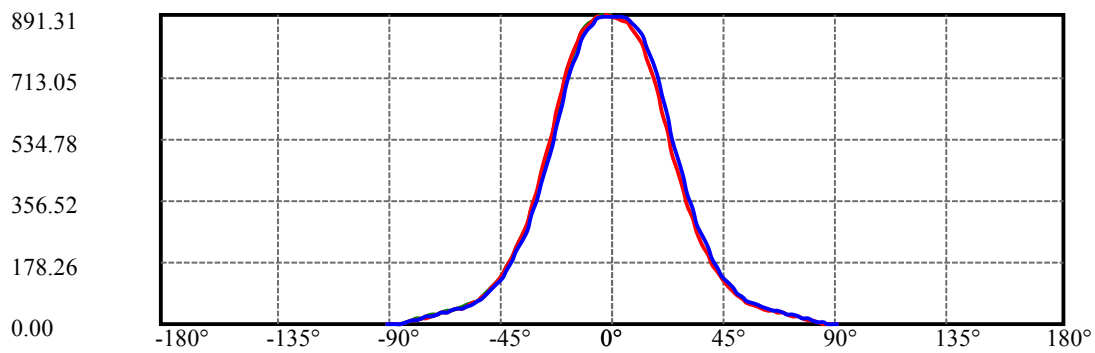
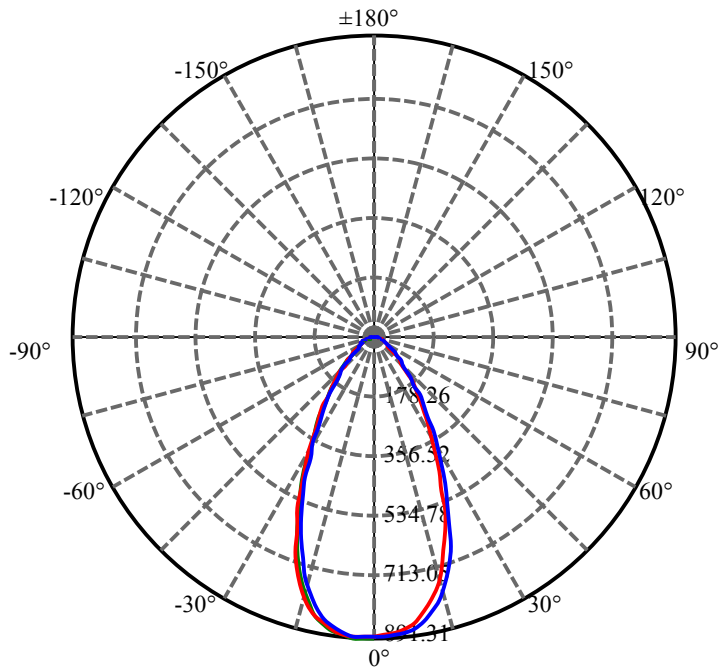
光束扩散角(10%Imax): [C0/180]Total=99.4

[C90/270]Total=99.8

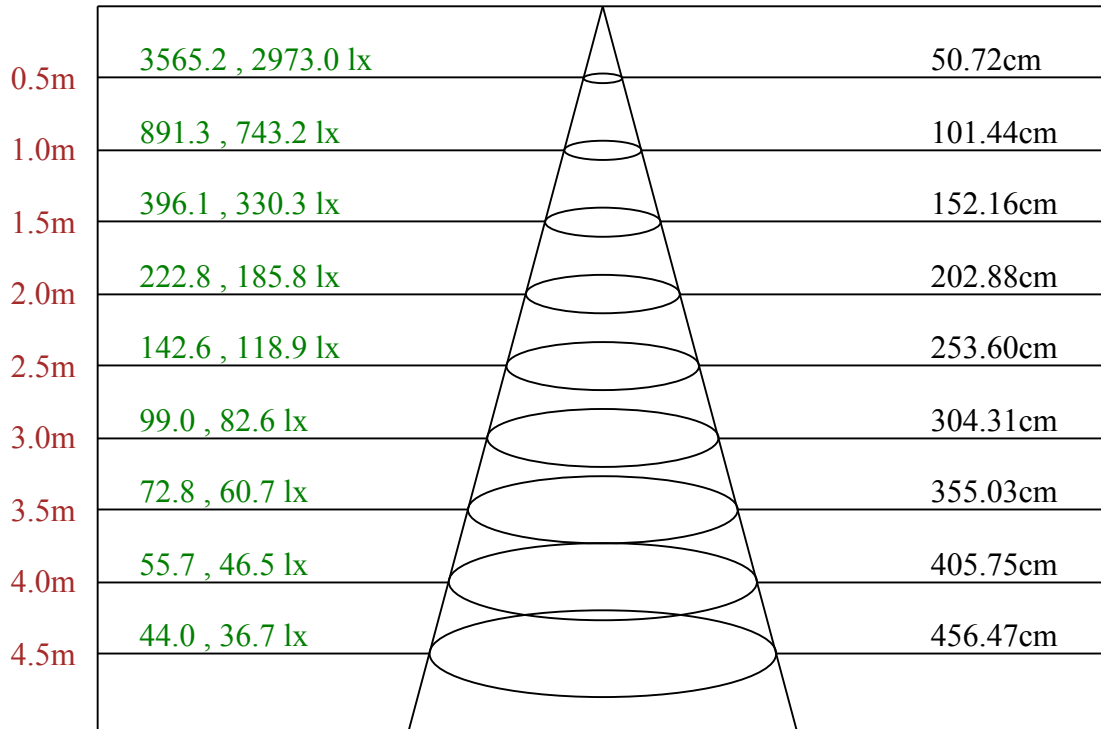
测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/3/23
环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

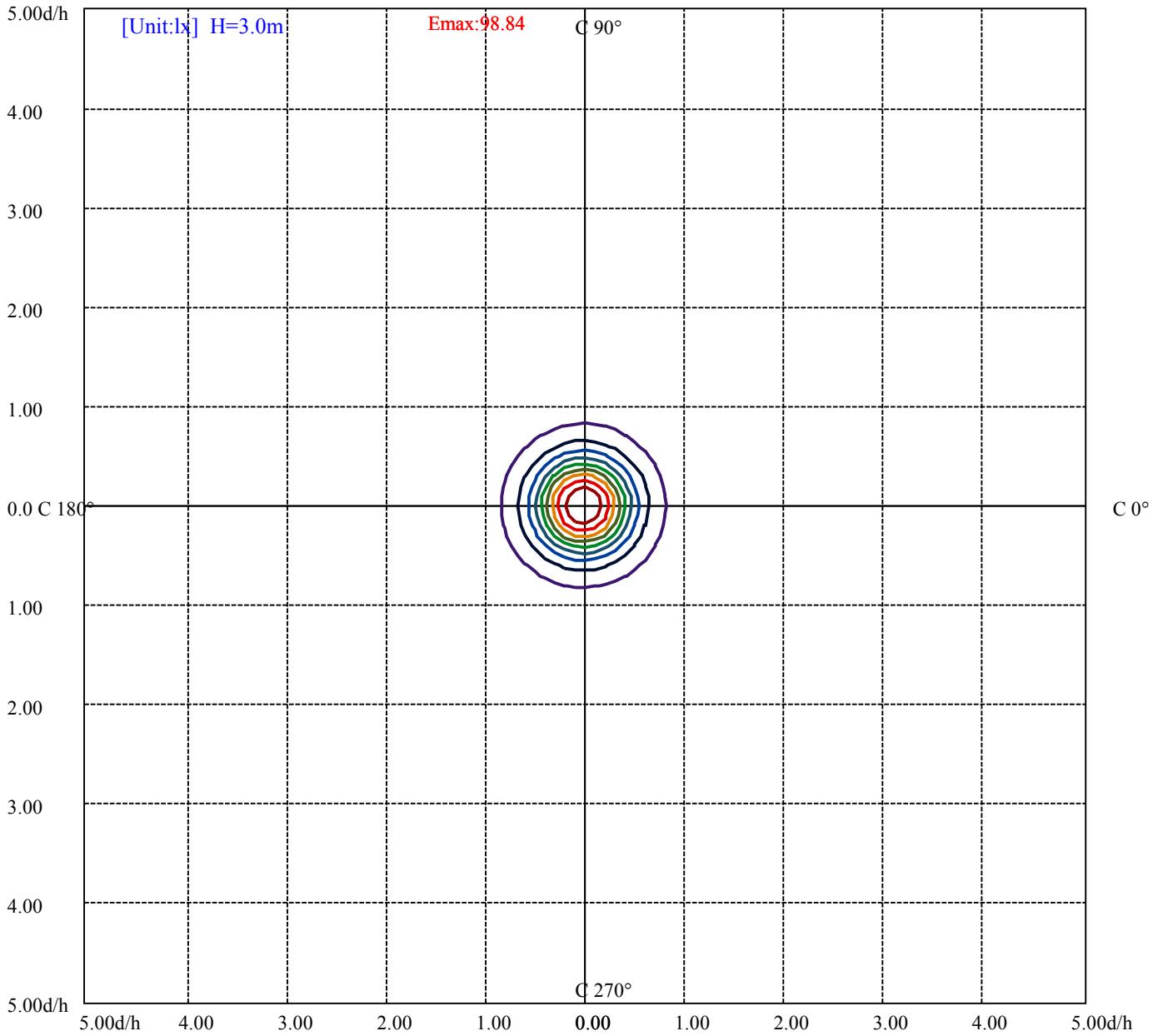


C210(Max): —
C0/C180: —
C90/C270: —



Max , Ave C210面光束角53.78

ROLED 地埋灯
平面等照度曲线



- (10%Emax) 9.883801
- (20%Emax) 19.76756
- (30%Emax) 29.65145
- (40%Emax) 39.53522
- (50%Emax) 49.419
- (60%Emax) 59.30278
- (70%Emax) 69.18655
- (80%Emax) 79.07034
- (90%Emax) 88.95422

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测试距离(m): 8.76

ROLED 地埋灯

灯具的亮度限制曲线(灯具无发光侧边)

亮度值表

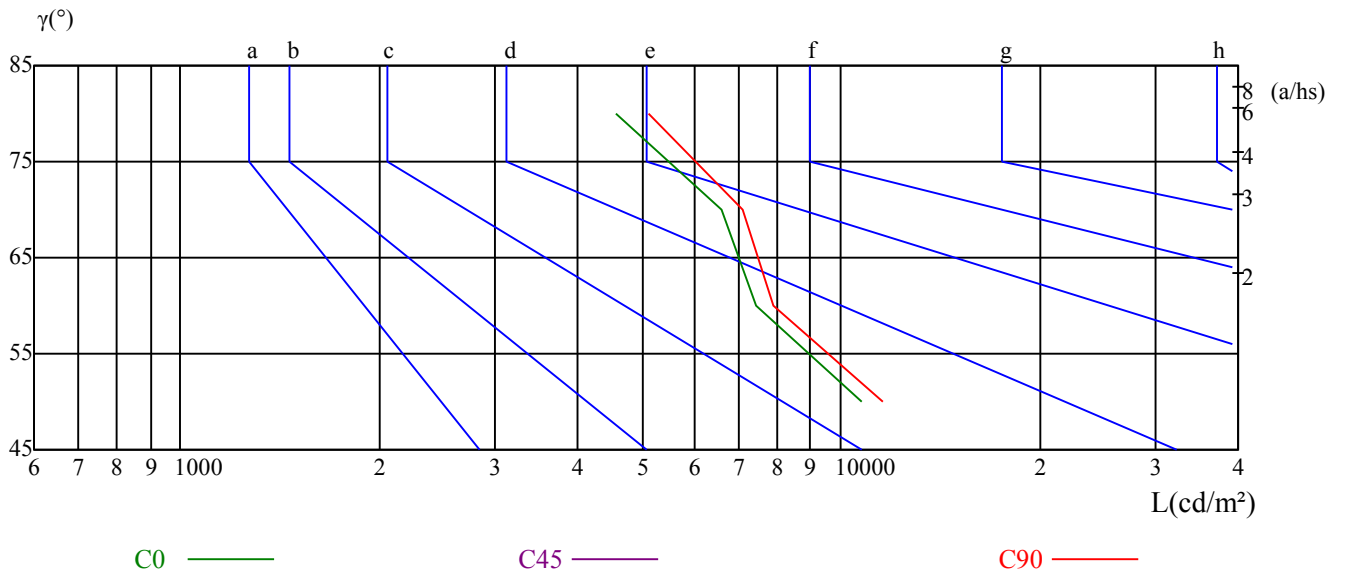
γ	45	50	55	60	65	70	75	80	85
C0	0	10735	0	7458	0	6583	0	4565	0
C45	0	0	0	0	0	0	0	0	0
C90	0	11613	0	7915	0	7083	0	5113	0

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	16.94	18.16	17.31	18.47	18.78	16.83	18.05	17.20	18.36	18.67
	3H	18.45	19.53	18.83	19.86	20.23	18.31	19.39	18.69	19.72	20.09
	4H	19.01	20.01	19.41	20.36	20.75	18.81	19.82	19.22	20.17	20.55
	6H	19.33	20.25	19.74	20.62	21.01	19.10	20.02	19.51	20.39	20.78
	8H	19.37	20.24	19.80	20.63	21.04	19.14	20.00	19.57	20.40	20.80
	12H	19.39	20.22	19.82	20.60	21.03	19.14	19.97	19.57	20.35	20.79
4H	2H	17.38	18.38	17.78	18.73	19.12	17.29	18.29	17.69	18.64	19.03
	3H	19.12	19.95	19.54	20.35	20.76	19.00	19.82	19.41	20.23	20.63
	4H	19.79	20.53	20.23	20.95	21.39	19.62	20.35	20.05	20.77	21.22
	6H	20.14	20.77	20.60	21.22	21.69	19.92	20.55	20.39	21.00	21.47
	8H	20.21	20.79	20.68	21.24	21.71	19.98	20.57	20.45	21.02	21.49
	12H	20.22	20.73	20.71	21.22	21.69	19.98	20.50	20.47	20.98	21.46
8H	4H	19.98	20.57	20.45	21.01	21.49	19.82	20.41	20.29	20.85	21.33
	6H	20.41	20.89	20.92	21.38	21.87	20.20	20.67	20.70	21.17	21.65
	8H	20.51	20.94	21.04	21.45	21.95	20.28	20.71	20.81	21.23	21.72
	12H	21.07	21.44	21.58	21.93	22.51	20.84	21.21	21.36	21.71	22.28
12H	4H	19.96	20.48	20.45	20.96	21.44	19.81	20.32	20.29	20.81	21.28
	6H	20.89	20.83	20.94	21.30	21.85	20.69	20.63	20.73	21.10	21.64
	8H	20.54	20.91	21.05	21.40	21.98	20.31	20.68	20.83	21.18	21.75
对应照射距离，改变观察者位置S											
S = 1.0H	0.8/-1.0					0.7/-1.1					
S = 1.5H	1.6/-1.4					1.5/-1.4					
S = 2.0H	3.3/-1.5					3.1/-1.6					
标准表格	BK3					BK3					
更正系数	2.9					2.6					

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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	887.85	882.79	877.26	868.29	854.01	830.68	800.45	763.16	718.72
30.0	890.39	886.63	882.56	874.42	860.15	837.67	809.89	772.75	729.39
60.0	888.70	885.40	882.18	873.12	859.08	842.35	817.18	783.95	739.52
90.0	887.93	886.55	883.79	879.64	868.98	850.41	829.69	799.30	758.47
120.0	888.62	888.01	886.40	882.10	870.43	853.94	832.76	806.21	768.07
150.0	887.85	888.85	888.77	883.02	873.81	859.84	841.35	817.56	782.49
180.0	887.85	888.93	888.47	884.71	874.66	859.31	840.89	812.57	774.05
210.0	890.39	891.23	891.31	886.93	877.11	862.30	839.89	809.43	768.76
240.0	888.70	889.93	889.08	883.33	872.58	857.24	834.83	805.21	763.62
270.0	887.93	887.93	885.78	878.49	865.37	844.65	817.79	781.80	739.29
300.0	888.62	884.63	880.95	875.81	861.15	839.51	809.89	774.28	728.78
330.0	887.85	882.33	877.03	869.28	853.02	830.53	801.45	763.39	714.73
360.0	887.85	882.79	877.26	868.29	854.01	830.68	800.45	763.16	718.72
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	665.24	610.52	554.05	494.27	441.01	390.21	344.63	302.12	264.44
30.0	677.44	621.88	561.34	504.40	449.38	396.81	351.92	307.64	269.96
60.0	688.72	631.09	569.78	513.83	457.28	406.10	358.44	311.78	271.27
90.0	711.13	656.80	596.10	534.94	479.84	425.43	376.47	330.13	288.23
120.0	721.18	666.93	608.53	547.68	488.20	434.95	382.15	332.81	289.45
150.0	738.98	689.26	627.41	563.25	500.79	446.15	392.59	345.40	300.50
180.0	726.71	674.06	613.36	551.90	496.11	439.63	387.52	336.72	294.60
210.0	721.79	668.31	605.31	547.98	488.13	430.27	378.70	333.19	290.14
240.0	716.81	661.32	599.24	539.93	483.60	429.65	378.01	332.66	288.99
270.0	686.88	631.40	572.54	512.61	461.81	404.71	359.44	314.70	273.88
300.0	675.52	624.72	565.56	504.78	451.37	401.80	352.38	309.25	271.42
330.0	660.79	607.69	545.68	490.20	436.25	385.07	338.41	296.21	259.60
360.0	665.24	610.52	554.05	494.27	441.01	390.21	344.63	302.12	264.44
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	229.45	200.13	173.12	150.87	130.45	111.88	96.69	83.49	72.13
30.0	235.12	204.28	177.03	154.24	132.99	114.42	99.14	85.56	74.28
60.0	236.20	206.50	178.41	155.09	133.60	115.11	99.22	86.25	74.82
90.0	253.46	219.70	189.23	162.91	140.89	121.02	105.05	90.32	78.04
120.0	253.46	219.62	191.08	164.76	142.58	121.09	104.67	89.78	77.12
150.0	260.83	226.99	194.76	168.59	144.57	125.01	107.05	91.55	78.89
180.0	256.00	221.23	192.84	165.91	143.12	121.78	104.75	89.78	77.81
210.0	255.31	222.00	191.23	165.37	143.04	122.55	105.28	91.47	78.43
240.0	252.01	218.86	188.62	162.53	140.51	121.55	104.59	90.63	78.20
270.0	239.65	207.88	180.87	154.93	135.06	115.72	100.14	86.33	74.28
300.0	236.04	206.88	177.49	154.01	132.99	114.95	98.68	85.10	74.05
330.0	226.22	197.06	169.97	147.11	126.62	109.43	94.23	81.03	70.29
360.0	229.45	200.13	173.12	150.87	130.45	111.88	96.69	83.49	72.13
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	63.00	56.17	50.11	45.12	41.13	37.29	34.07	30.62	27.24
30.0	65.00	57.94	51.80	46.89	42.97	39.06	35.61	31.85	28.47
60.0	65.30	58.09	51.95	46.96	42.74	39.14	35.53	32.08	28.47
90.0	67.84	59.78	53.26	47.88	43.66	39.83	36.14	32.69	29.31
120.0	67.30	59.01	52.41	46.81	42.44	38.45	34.84	31.39	27.78
150.0	68.07	59.09	52.10	46.66	41.82	37.75	33.92	30.54	27.09
180.0	67.30	58.86	52.18	46.73	42.05	37.99	34.69	31.23	27.70
210.0	68.45	59.86	53.33	48.04	43.59	39.67	35.99	32.46	28.85
240.0	67.99	59.78	53.56	48.11	43.66	39.83	36.07	32.69	28.93
270.0	65.46	57.63	51.34	46.35	42.05	38.22	34.53	31.23	27.55
300.0	64.54	57.09	50.80	45.97	41.75	37.75	34.46	31.31	27.78
330.0	61.47	54.64	48.19	43.66	39.75	36.14	32.77	29.47	26.24
360.0	63.00	56.17	50.11	45.12	41.13	37.29	34.07	30.62	27.24

ROLED 地埋灯

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	23.79	20.26	16.58	12.89	9.59	5.60	1.76	0.38	0.15
30.0	24.79	21.10	17.42	13.89	10.05	5.76	2.23	0.46	0.23
60.0	24.79	21.03	17.11	13.66	9.75	5.76	2.15	0.46	0.23
90.0	25.63	22.18	18.57	14.66	10.74	6.29	2.99	0.61	0.23
120.0	24.25	20.87	17.11	13.43	9.98	6.29	2.38	0.54	0.23
150.0	23.64	20.41	16.73	13.51	6.14	3.84	2.38	0.46	0.23
180.0	21.79	18.26	14.89	11.66	8.59	4.99	1.92	0.46	0.23
210.0	25.09	21.18	17.65	14.04	9.98	5.53	2.46	0.46	0.23
240.0	25.09	21.26	17.27	13.58	9.82	5.83	1.92	0.38	0.15
270.0	23.87	20.34	16.50	12.74	8.44	4.76	1.84	0.46	0.15
300.0	24.10	20.72	16.88	13.28	9.67	5.45	1.69	0.38	0.15
330.0	22.87	19.34	15.81	12.51	8.52	4.45	1.69	0.38	0.15
360.0	23.79	20.26	16.58	12.89	9.59	5.60	1.76	0.38	0.15

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