

浙大三色

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ROLED

灯具名称: 地埋灯

灯具描述: G1033A-9-UN(45-OL-9WN-AA, P1)

报告编号:

电压(V): 220.5000

测试编号: 20210323004

电流(A): 0.0500

光源规格型号: OL

功率(W): 10.3000

每个光源光通量(lm)

功率因数: 0.9400

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): 922.50

灯具效能(lm/w): 89.56

中心光强(cd): 1231.715

最大光强(cd): 1232.636

最大光强角度: C=120.0 $\gamma=0.0$

半峰边角(50%Imax): [C0/180]Total=42.6

[C90/270]Total=43.0

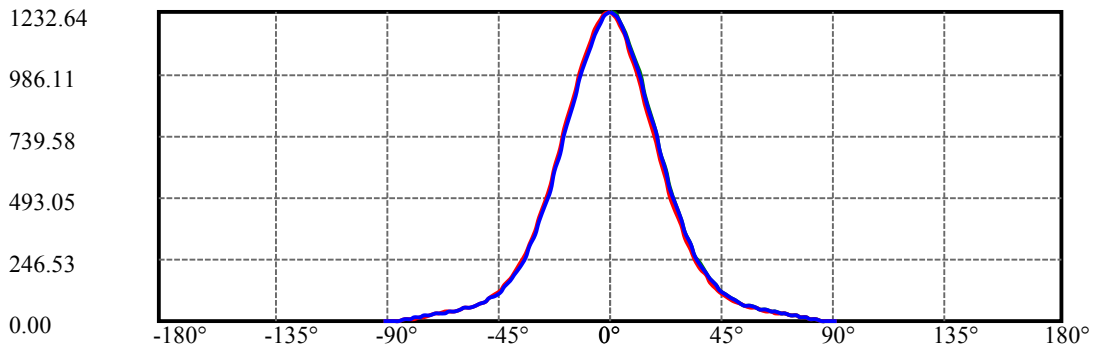
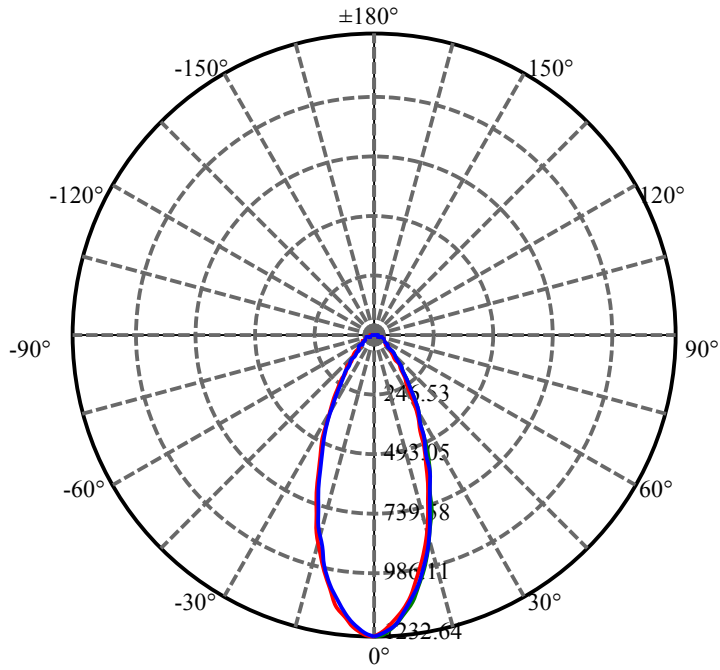
光束扩散角(10%Imax): [C0/180]Total=87.0

[C90/270]Total=87.5

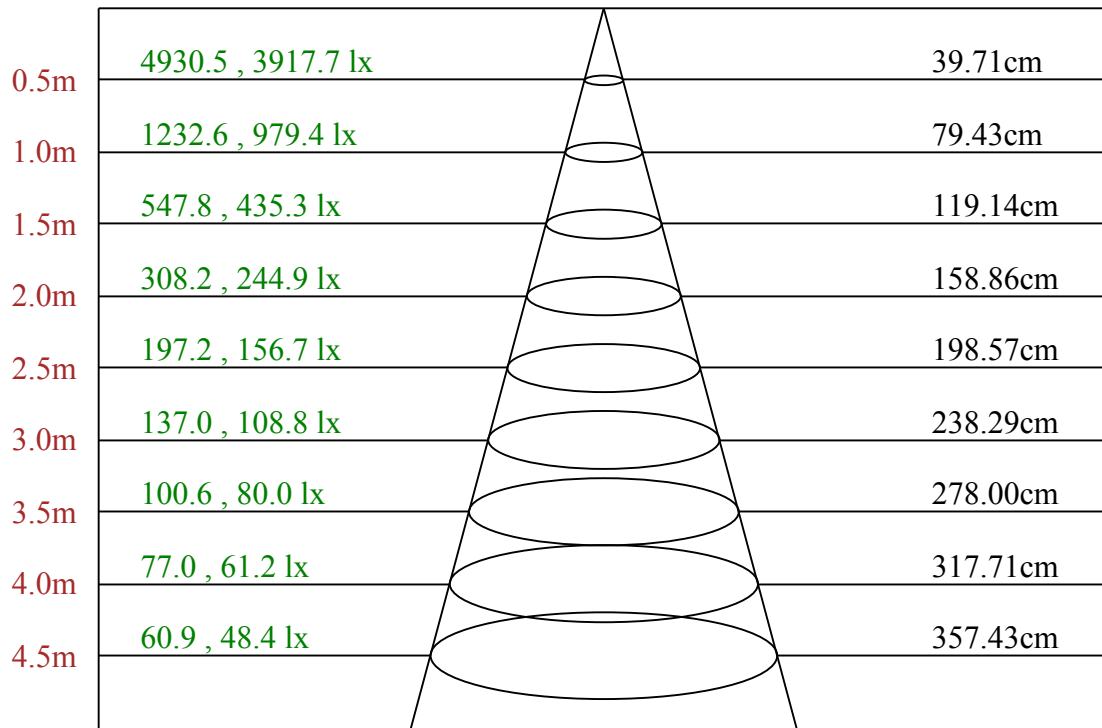
测试设备: GMS1800
环境温度(°C): 25.0

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

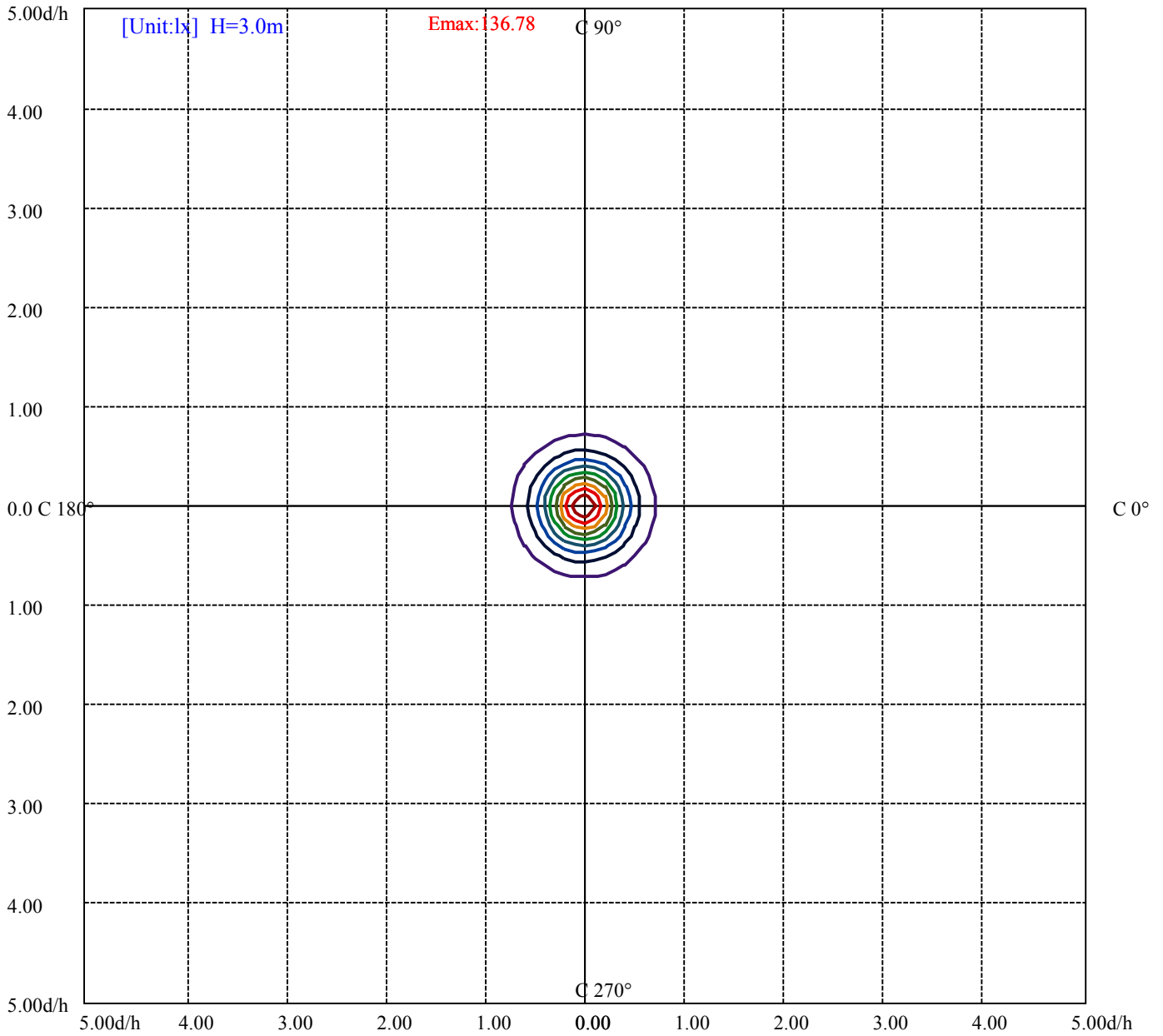


C120(Max): ——
C0/C180: ——
C90/C270: ——



Max , Ave C120面光束角43.32

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平面等照度曲线



(10%Emax) 13.678	——
(20%Emax) 27.35611	——
(30%Emax) 41.03411	——
(40%Emax) 54.71211	——
(50%Emax) 68.39023	——
(60%Emax) 82.06822	——
(70%Emax) 95.74622	——
(80%Emax) 109.4243	——
(90%Emax) 123.1022	——

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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

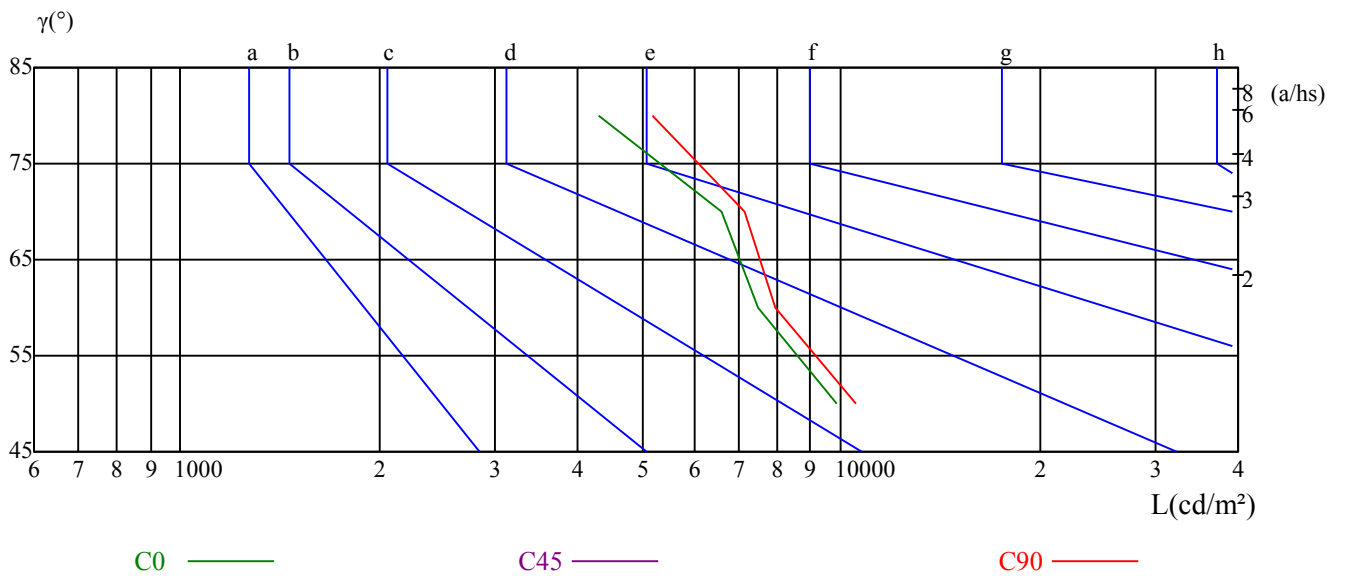
γ	45	50	55	60	65	70	75	80	85
C0	0	9876	0	7509	0	6583	0	4310	0
C45	0	0	0	0	0	0	0	0	0
C90	0	10567	0	7978	0	7157	0	5186	0

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	16.73	17.92	17.09	18.23	18.54	16.58	17.77	16.94	18.08	18.39
	3H	18.29	19.34	18.67	19.67	20.04	18.11	19.16	18.49	19.49	19.86
	4H	18.84	19.82	19.24	20.17	20.56	18.60	19.58	19.00	19.93	20.32
	6H	19.15	20.05	19.57	20.42	20.82	18.87	19.77	19.28	20.14	20.53
	8H	19.20	20.05	19.63	20.44	20.85	18.90	19.75	19.33	20.14	20.55
	12H	19.21	20.02	19.64	20.41	20.84	18.91	19.72	19.34	20.10	20.53
4H	2H	17.20	18.18	17.60	18.53	18.91	17.07	18.05	17.48	18.41	18.79
	3H	18.98	19.78	19.39	20.19	20.59	18.82	19.62	19.23	20.03	20.43
	4H	19.64	20.36	20.07	20.78	21.22	19.42	20.14	19.85	20.56	21.00
	6H	19.98	20.59	20.44	21.04	21.51	19.71	20.33	20.18	20.78	21.25
	8H	20.04	20.62	20.51	21.07	21.54	19.76	20.34	20.24	20.79	21.26
	12H	20.06	20.56	20.54	21.04	21.52	19.77	20.27	20.25	20.76	21.23
8H	4H	19.82	20.39	20.29	20.84	21.31	19.62	20.20	20.09	20.65	21.12
	6H	20.25	20.71	20.75	21.21	21.69	20.00	20.46	20.50	20.96	21.44
	8H	20.35	20.76	20.88	21.28	21.78	20.08	20.49	20.61	21.01	21.50
	12H	20.92	21.28	21.44	21.78	22.35	20.65	21.01	21.17	21.51	22.08
12H	4H	19.80	20.30	20.29	20.79	21.26	19.61	20.11	20.10	20.60	21.07
	6H	20.71	20.66	20.78	21.13	21.67	20.46	20.41	20.53	20.88	21.43
	8H	20.37	20.73	20.89	21.23	21.80	20.11	20.47	20.63	20.97	21.54
对应照射距离，改变观察者位置S											
S = 1.0H	0.7/-0.9					0.7/-0.9					
S = 1.5H	1.4/-1.2					1.4/-1.2					
S = 2.0H	3.0/-1.3					3.0/-1.4					
标准表格	BK3					BK3					
更正系数	2.6					2.3					

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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	1231.72	1212.22	1175.47	1131.42	1075.40	1010.40	937.58	867.60	790.47
30.0	1230.79	1214.07	1178.31	1138.48	1082.84	1018.08	950.40	874.58	797.99
60.0	1231.25	1215.60	1179.07	1131.27	1072.64	1008.79	940.11	871.28	795.92
90.0	1232.18	1220.59	1191.04	1142.32	1094.89	1032.73	966.28	894.22	819.10
120.0	1232.64	1223.43	1191.97	1150.60	1104.33	1044.55	977.79	904.97	828.31
150.0	1231.33	1228.80	1200.87	1159.97	1114.54	1055.99	992.98	922.62	848.10
180.0	1231.72	1226.11	1199.87	1160.04	1114.84	1055.07	989.30	918.40	841.81
210.0	1230.79	1225.73	1200.10	1162.34	1119.76	1062.13	996.82	925.46	845.65
240.0	1231.25	1225.42	1198.18	1156.28	1108.86	1055.53	988.46	918.55	843.50
270.0	1232.18	1216.29	1183.83	1141.63	1094.74	1032.43	964.51	892.23	819.48
300.0	1232.64	1214.99	1182.68	1142.85	1090.67	1028.36	957.53	889.24	811.88
330.0	1231.33	1210.23	1172.17	1124.28	1068.95	1003.96	933.90	861.15	789.55
360.0	1231.72	1212.22	1175.47	1131.42	1075.40	1010.40	937.58	867.60	790.47
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	711.82	641.07	567.55	497.41	435.72	381.92	329.28	283.85	244.72
30.0	718.65	645.29	571.16	502.25	442.01	383.00	332.58	286.15	245.71
60.0	721.41	645.98	576.91	508.23	444.23	389.29	338.34	290.84	250.01
90.0	749.42	674.14	599.93	530.03	466.56	405.63	353.91	304.34	261.14
120.0	751.88	673.60	603.69	533.10	466.64	408.47	354.30	305.19	261.91
150.0	778.66	702.69	627.02	556.96	485.98	424.51	368.19	318.84	272.73
180.0	764.84	685.50	613.75	540.69	475.77	414.23	358.83	308.25	266.28
210.0	765.30	686.11	611.29	539.08	475.24	411.62	355.99	306.03	262.90
240.0	764.92	693.17	616.51	544.53	478.08	416.38	361.28	314.47	268.35
270.0	742.36	666.47	594.18	523.35	461.27	395.20	344.63	296.21	254.39
300.0	733.23	660.10	586.43	518.98	451.45	395.20	340.48	295.59	253.23
330.0	713.97	641.53	566.86	498.18	438.09	378.70	327.36	280.78	241.65
360.0	711.82	641.07	567.55	497.41	435.72	381.92	329.28	283.85	244.72
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	209.03	181.41	153.48	132.99	115.11	100.14	87.10	76.81	68.60
30.0	211.03	182.56	156.31	134.21	116.41	101.06	88.32	77.97	69.83
60.0	216.86	186.09	159.84	138.43	119.25	103.44	90.40	80.19	71.14
90.0	225.69	191.61	165.45	142.04	123.24	106.67	92.85	82.19	72.67
120.0	226.61	193.38	166.21	142.58	122.70	105.90	92.93	81.42	71.98
150.0	233.51	200.52	170.97	146.11	125.16	108.81	94.00	82.26	72.21
180.0	227.91	194.53	167.36	143.12	122.55	105.67	92.24	80.34	70.75
210.0	225.22	192.23	164.76	141.12	121.32	104.29	91.32	80.19	71.14
240.0	229.22	197.37	168.29	145.19	123.70	107.51	93.16	81.88	71.98
270.0	217.86	186.24	160.00	137.28	118.10	101.75	89.25	78.20	69.45
300.0	216.09	187.09	159.54	136.44	118.10	102.60	89.40	78.81	70.21
330.0	207.50	179.41	153.01	131.68	113.65	98.07	86.18	75.74	67.30
360.0	209.03	181.41	153.48	132.99	115.11	100.14	87.10	76.81	68.60
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	61.24	55.25	49.88	45.43	41.44	37.52	34.30	30.85	27.24
30.0	62.62	56.79	51.57	47.19	43.59	39.60	36.07	32.31	28.62
60.0	64.00	57.78	52.34	47.81	43.82	39.98	36.22	32.61	28.85
90.0	64.84	58.32	53.03	48.27	44.28	40.36	36.68	33.15	29.62
120.0	64.38	57.94	52.26	47.42	43.43	39.44	35.91	32.15	28.39
150.0	63.92	57.09	51.64	46.43	42.05	38.06	34.30	30.77	27.32
180.0	63.23	56.56	50.95	45.89	41.90	37.99	34.53	30.93	27.32
210.0	63.54	57.17	51.87	47.19	43.28	39.29	35.84	32.08	28.32
240.0	63.85	57.78	51.64	47.27	43.28	39.44	35.84	32.15	28.62
270.0	62.00	55.71	50.26	45.81	41.90	37.99	34.38	30.77	26.86
300.0	62.62	56.48	50.88	46.35	42.44	38.75	35.15	31.62	28.01
330.0	60.16	54.02	48.57	44.51	40.59	36.68	33.30	29.70	26.24
360.0	61.24	55.25	49.88	45.43	41.44	37.52	34.30	30.85	27.24

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	23.48	19.80	15.96	12.58	9.06	5.45	1.76	0.46	0.23
30.0	24.79	21.03	17.50	13.66	9.67	5.60	2.23	0.46	0.23
60.0	24.94	20.95	17.27	13.51	9.67	5.83	2.00	0.46	0.15
90.0	25.94	22.10	18.49	14.73	10.90	6.52	3.07	0.54	0.23
120.0	24.79	21.03	17.34	13.66	10.21	6.37	2.38	0.54	0.31
150.0	23.79	20.26	16.73	13.43	7.14	3.99	2.53	0.38	0.23
180.0	21.72	17.88	13.97	11.28	8.44	4.91	1.76	0.46	0.23
210.0	24.79	21.03	17.19	13.66	9.75	5.22	2.46	0.46	0.15
240.0	24.63	20.80	16.73	13.28	9.67	5.91	1.84	0.38	0.15
270.0	23.56	19.80	15.96	12.35	8.29	4.60	1.76	0.38	0.23
300.0	24.33	20.64	16.73	13.12	9.52	5.37	1.69	0.46	0.23
330.0	22.79	19.03	15.50	12.35	8.44	4.22	1.61	0.46	0.15
360.0	23.48	19.80	15.96	12.58	9.06	5.45	1.76	0.46	0.23
C/γ(°)	90.0								
0.0	0.00								
30.0	0.00								
60.0	0.00								
90.0	0.15								
120.0	0.00								
150.0	0.08								
180.0	0.08								
210.0	0.00								
240.0	0.00								
270.0	0.00								
300.0	0.00								
330.0	0.00								
360.0	0.00								