

浙大三色

Email:sensing@sensingm.com

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

---

## ROLED

---

灯具名称: 地埋灯

灯具描述: G1033A-9-UN(20-OL-9WN-AA, P1)

报告编号:

电压(V): 220.5000

测试编号: 20210323002

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): 971.12

灯具效能(lm/w): 94.28

中心光强(cd): 4479.174

最大光强(cd): 4493.754

最大光强角度:  $C=30.0$   $\gamma=0.0$

半峰边角(50%Imax): [C0/180]Total=20.5

[C90/270]Total=20.4

光束扩散角(10%Imax): [C0/180]Total=42.7

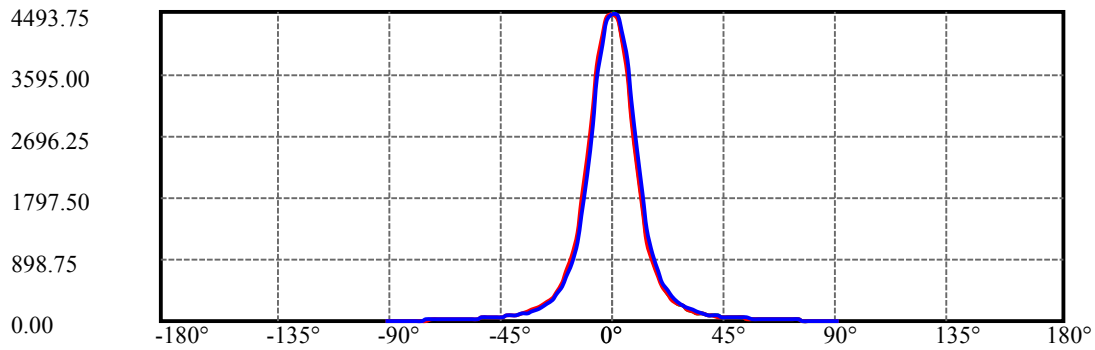
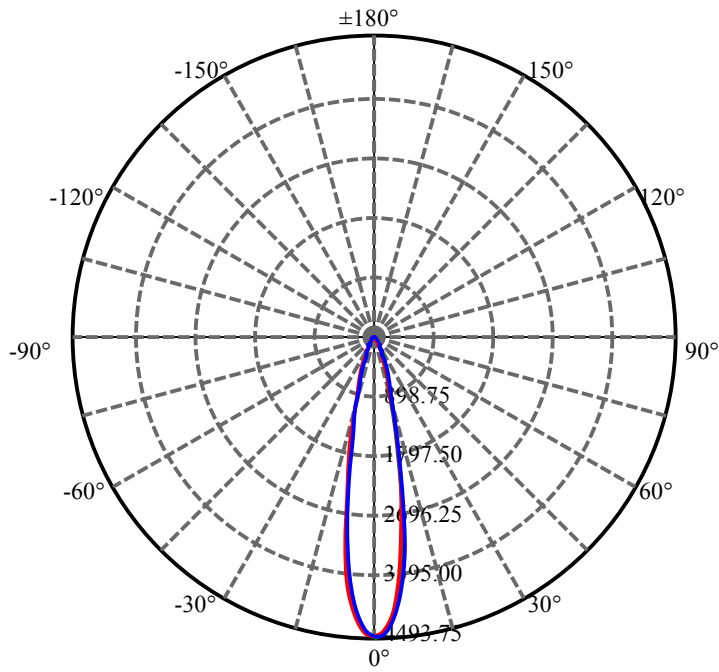
[C90/270]Total=42.8

---

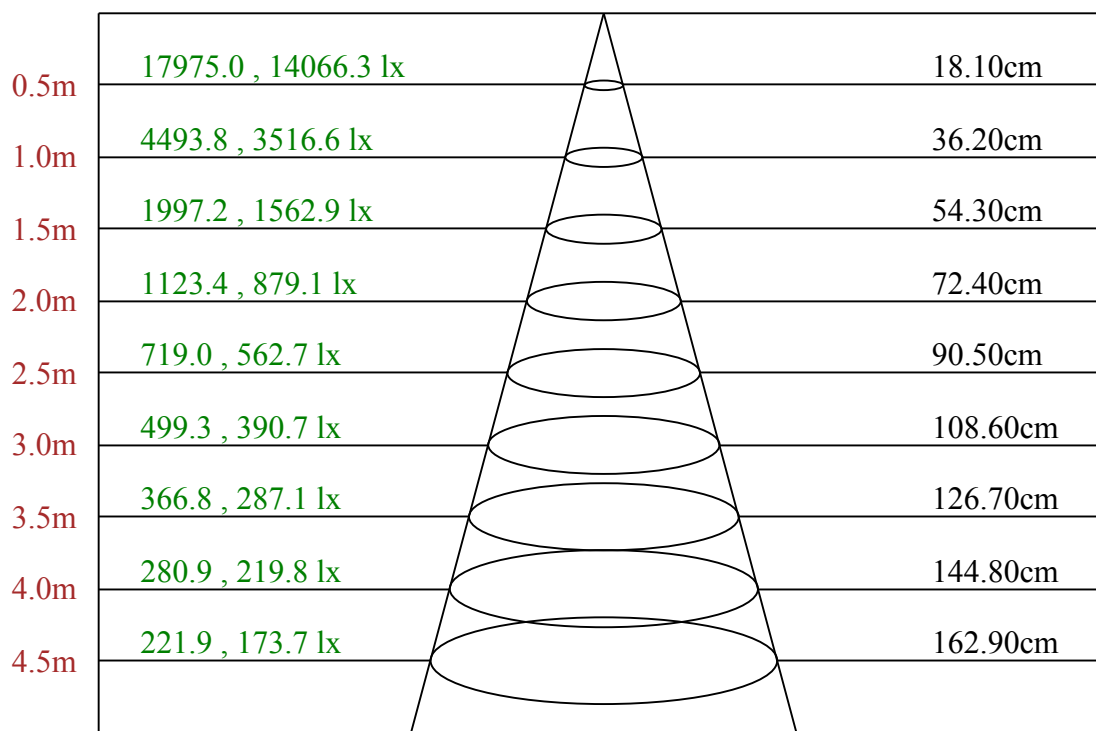
测试设备: GMS1800  
环境温度(°C): 25.0

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

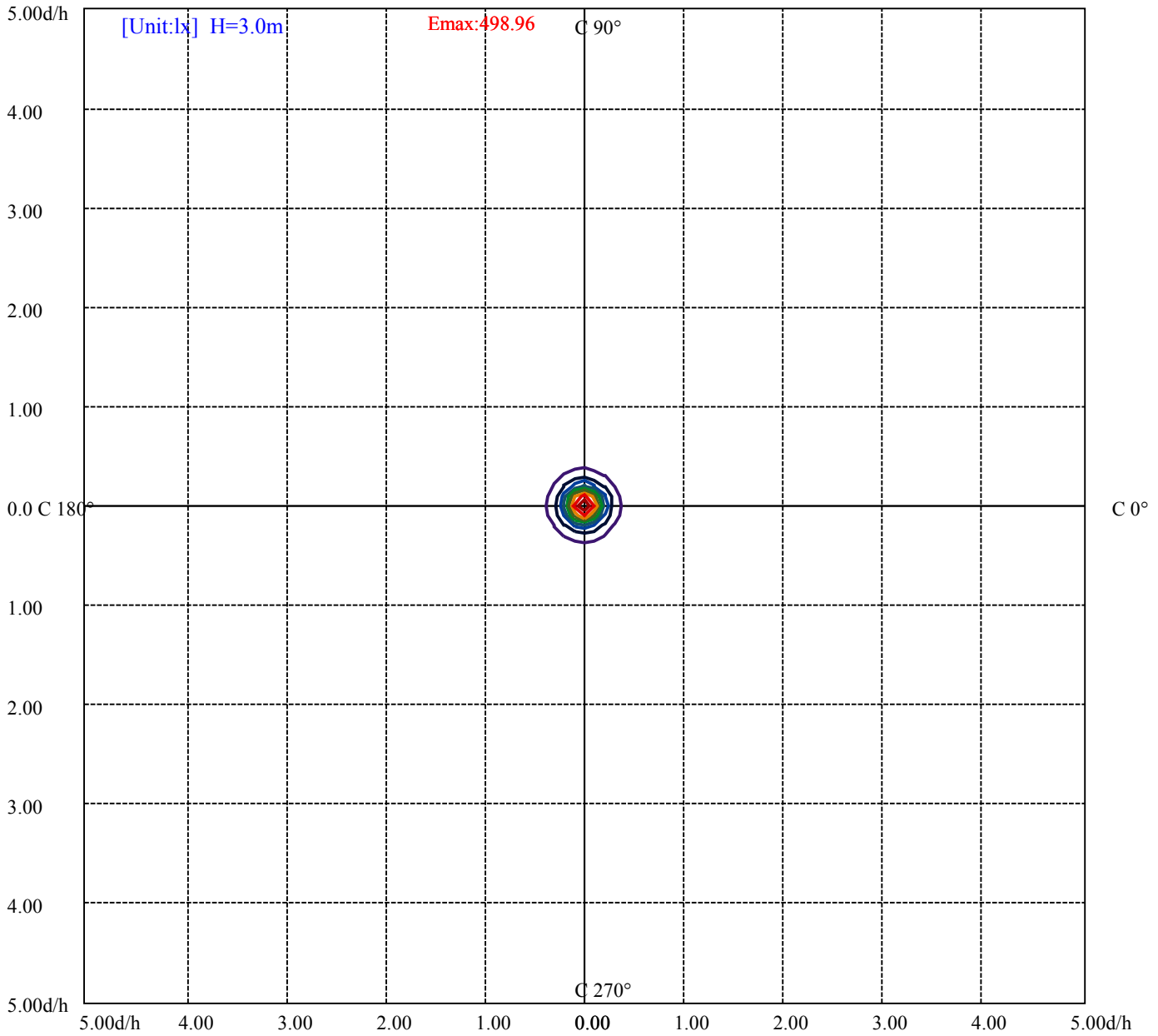


C30(Max): ————  
C0/C180: ————  
C90/C270: ————



Max , Ave    C30面光束角20.52

ROLED 地埋灯  
平面等照度曲线



- (10%Emax) 49.89644
- (20%Emax) 99.79278
- (30%Emax) 149.6889
- (40%Emax) 199.5856
- (50%Emax) 249.4822
- (60%Emax) 299.3789
- (70%Emax) 349.2744
- (80%Emax) 399.1711
- (90%Emax) 449.0678

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

# ROLED 地埋灯

## 灯具的亮度限制曲线(灯具无发光侧边)

亮度值表

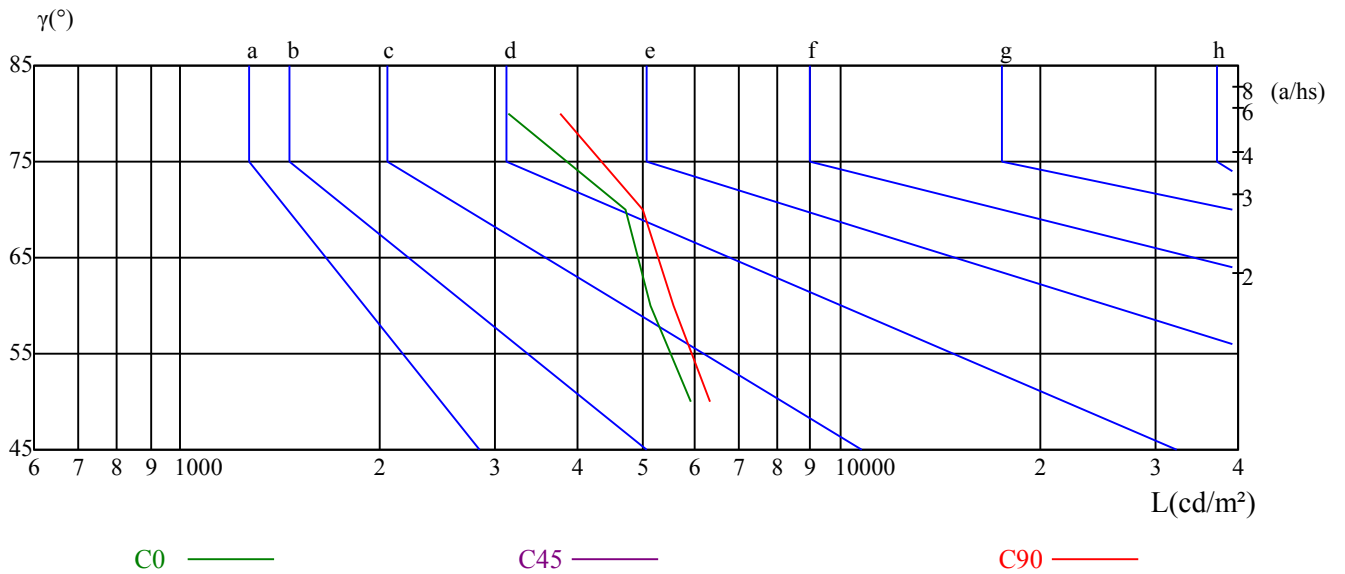
$\gamma$	45	50	55	60	65	70	75	80	85
C0	0	5910	0	5162	0	4710	0	3141	0
C45	0	0	0	0	0	0	0	0	0
C90	0	6354	0	5581	0	5025	0	3762	0

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	13.88	14.95	14.25	15.26	15.58	13.72	14.78	14.08	15.09	15.41
	3H	15.54	16.48	15.92	16.82	17.18	15.38	16.33	15.77	16.66	17.03
	4H	16.12	16.99	16.53	17.35	17.74	15.92	16.79	16.32	17.14	17.53
	6H	16.44	17.24	16.85	17.61	18.01	16.20	17.00	16.61	17.37	17.77
	8H	16.48	17.23	16.92	17.63	18.04	16.23	16.99	16.67	17.38	17.79
	12H	16.49	17.21	16.92	17.59	18.02	16.23	16.95	16.67	17.33	17.77
4H	2H	14.40	15.28	14.81	15.63	16.02	14.27	15.15	14.68	15.50	15.89
	3H	16.26	16.98	16.68	17.39	17.79	16.13	16.85	16.55	17.25	17.66
	4H	16.94	17.58	17.38	18.01	18.45	16.77	17.41	17.21	17.83	18.28
	6H	17.28	17.83	17.75	18.28	18.75	17.08	17.63	17.55	18.08	18.55
	8H	17.34	17.85	17.82	18.30	18.78	17.13	17.64	17.60	18.09	18.56
	12H	17.35	17.79	17.84	18.28	18.76	17.12	17.57	17.62	18.05	18.53
8H	4H	17.13	17.64	17.60	18.09	18.56	16.98	17.49	17.45	17.94	18.41
	6H	17.56	17.97	18.07	18.47	18.95	17.37	17.78	17.88	18.28	18.77
	8H	17.66	18.02	18.19	18.54	19.04	17.46	17.82	17.99	18.34	18.84
	12H	18.24	18.55	18.76	19.05	19.63	18.04	18.35	18.56	18.85	19.43
12H	4H	17.11	17.55	17.60	18.04	18.51	16.96	17.40	17.45	17.89	18.37
	6H	17.89	17.92	18.09	18.39	18.94	17.71	17.74	17.91	18.21	18.75
	8H	17.69	18.00	18.21	18.49	19.07	17.49	17.80	18.01	18.30	18.88
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	1.0/-0.8					1.0/-0.9					
S = 2.0H	2.0/-0.9					1.9/-1.1					
标准表格	BK3					BK3					
更正系数	-0.7					-0.9					

ROLED 地埋灯

光强数据表(cd)

附页 第7页 共8页

C/γ(°)	0.0	2.0	4.0	6.0	8.0	10.0	12.0	14.0	16.0
0.0	4479.17	4391.69	4097.79	3573.67	2939.05	2225.39	1596.91	1151.83	853.32
30.0	4493.75	4417.78	4139.99	3677.27	3012.72	2282.94	1659.07	1208.62	879.41
60.0	4487.61	4400.13	4131.55	3654.24	2980.49	2270.67	1528.92	1212.91	884.55
90.0	4479.17	4435.43	4218.27	3787.00	3196.12	2475.55	1824.82	1333.70	966.13
120.0	4483.78	4429.29	4189.11	3744.79	3131.66	2421.84	1814.84	1291.03	954.54
150.0	4476.87	4449.25	4242.05	3826.14	3251.37	2540.78	1887.74	1382.81	999.89
180.0	4479.17	4417.78	4163.78	3707.96	3090.99	2385.77	1756.52	1289.35	939.81
210.0	4493.75	4415.48	4136.92	3681.87	3036.51	2317.48	1527.31	1253.82	908.34
240.0	4487.61	4416.25	4146.90	3651.18	3003.51	2325.15	1682.09	1217.06	903.20
270.0	4479.17	4364.07	4025.65	3516.12	2834.69	2124.10	1525.31	1133.95	828.15
300.0	4483.78	4384.02	4074.77	3536.07	2898.38	2186.25	1568.52	1152.60	847.18
330.0	4476.87	4349.49	3996.49	3468.54	2776.37	2061.17	1497.46	1091.44	799.84
360.0	4479.17	4391.69	4097.79	3573.67	2939.05	2225.39	1596.91	1151.83	853.32
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	639.99	503.40	393.66	312.32	253.39	209.34	171.51	143.27	121.40
30.0	663.01	517.98	404.41	322.22	259.37	213.41	175.73	147.41	124.01
60.0	674.91	518.59	406.33	322.68	262.90	214.25	177.72	147.64	124.39
90.0	724.40	556.35	439.71	349.39	280.25	229.52	188.47	157.85	130.99
120.0	718.65	559.03	436.48	345.70	280.55	228.83	187.78	155.24	131.53
150.0	746.66	578.60	448.15	371.64	286.77	232.28	190.69	159.00	132.91
180.0	717.73	549.29	428.20	338.87	274.18	223.08	183.56	154.01	129.30
210.0	693.63	535.17	416.15	330.43	269.27	218.63	180.64	152.17	127.77
240.0	676.83	531.79	411.31	330.59	268.20	220.54	180.87	151.40	129.07
270.0	631.24	496.88	389.29	314.39	255.46	208.11	172.66	145.65	122.93
300.0	639.99	499.56	397.50	317.54	260.91	213.33	174.88	146.11	124.55
330.0	609.91	481.91	377.86	304.42	247.17	201.21	166.60	140.66	118.41
360.0	639.99	503.40	393.66	312.32	253.39	209.34	171.51	143.27	121.40
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	103.21	89.32	77.74	68.91	61.39	55.25	50.03	45.97	42.21
30.0	106.05	92.24	80.34	70.83	63.16	57.32	52.26	48.27	44.58
60.0	106.44	91.85	80.88	71.37	63.85	57.40	52.41	47.96	44.51
90.0	112.65	96.92	84.64	74.36	65.84	59.55	54.02	49.42	45.51
120.0	111.88	96.23	84.49	74.21	65.76	58.93	53.79	49.27	45.66
150.0	112.80	96.92	84.64	74.28	65.69	58.93	53.26	48.88	44.58
180.0	110.04	94.54	82.34	72.36	64.61	57.78	52.26	47.73	43.97
210.0	109.43	94.54	82.72	73.05	65.07	58.93	53.72	49.57	45.66
240.0	109.89	95.23	83.03	73.36	65.38	58.70	53.64	49.27	45.20
270.0	105.59	92.32	80.42	71.44	63.69	57.32	52.26	47.88	44.20
300.0	106.28	92.70	80.34	71.14	63.54	57.25	52.57	48.34	44.74
330.0	101.45	88.32	76.81	67.76	60.39	54.64	49.73	45.74	42.05
360.0	103.21	89.32	77.74	68.91	61.39	55.25	50.03	45.97	42.21
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	38.91	36.30	33.53	31.23	28.85	26.40	24.10	21.95	19.49
30.0	41.59	38.75	36.14	33.76	31.31	29.01	26.47	23.64	20.80
60.0	41.28	38.22	35.68	33.23	30.85	28.24	25.86	23.33	20.72
90.0	42.05	38.98	36.30	33.76	31.23	28.70	26.24	23.64	20.80
120.0	42.28	39.21	36.53	33.84	31.31	28.47	26.09	23.40	20.64
150.0	41.28	38.14	35.45	32.84	30.31	27.93	25.32	22.56	19.88
180.0	40.52	37.45	34.92	32.23	29.70	27.24	24.79	22.33	19.95
210.0	42.44	39.67	36.68	34.38	31.85	29.08	26.24	23.17	20.57
240.0	41.75	38.83	35.91	33.38	31.00	28.32	25.78	23.17	20.41
270.0	40.90	38.06	35.22	32.54	30.08	27.55	24.79	21.79	18.95
300.0	41.36	38.52	35.76	33.23	30.77	28.09	25.55	22.94	20.34
330.0	38.91	36.22	33.46	31.31	28.93	26.63	24.10	21.49	18.80
360.0	38.91	36.30	33.53	31.23	28.85	26.40	24.10	21.95	19.49

# 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	16.96	14.35	11.51	9.29	6.60	3.91	1.23	0.23	0.08
30.0	18.19	15.58	12.97	10.36	7.29	4.22	1.76	0.38	0.15
60.0	17.88	15.19	12.43	9.59	7.06	4.14	1.69	0.38	0.23
90.0	18.26	15.88	13.20	10.51	7.90	4.60	2.30	0.38	0.23
120.0	17.96	15.19	12.43	9.98	7.44	4.68	1.76	0.46	0.15
150.0	17.57	15.12	12.43	9.90	7.14	1.92	1.53	0.31	0.23
180.0	15.42	13.35	10.05	7.83	5.83	3.38	1.38	0.31	0.15
210.0	17.88	15.27	12.58	9.98	6.52	3.53	1.61	0.38	0.15
240.0	17.34	14.73	11.89	9.52	6.83	3.76	1.15	0.31	0.15
270.0	16.58	14.20	11.59	8.75	5.53	2.99	1.23	0.31	0.15
300.0	17.50	14.89	11.97	9.44	6.75	3.61	1.07	0.31	0.23
330.0	16.50	13.97	11.51	8.98	5.76	2.99	1.15	0.23	0.08
360.0	16.96	14.35	11.51	9.29	6.60	3.91	1.23	0.23	0.08

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	0.00
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