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## ROLED

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灯具名称: 水下灯  
灯具描述: U1113A-6-12DC(15-OL-6WN-AA.P1)  
报告编号: 电压(V): 12.1000  
测试编号: 20211028001 电流(A): 0.5460  
光源规格型号: OL 功率(W): 6.6000  
每个光源光通量(lm) 功率因数: 1.0120  
光源数量: 6 镇流器型号:  
发光面长度(mm): 80 发光面宽度 (mm): 80  
测试模式: C 发光面高度(mm): 0

## 光度结果

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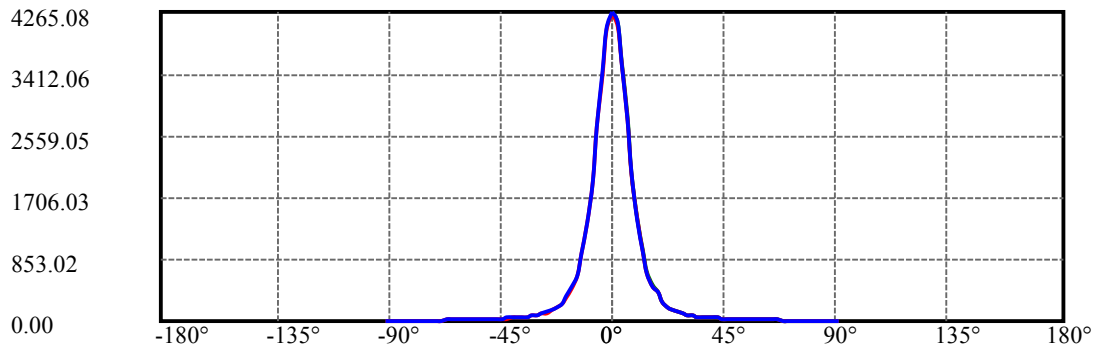
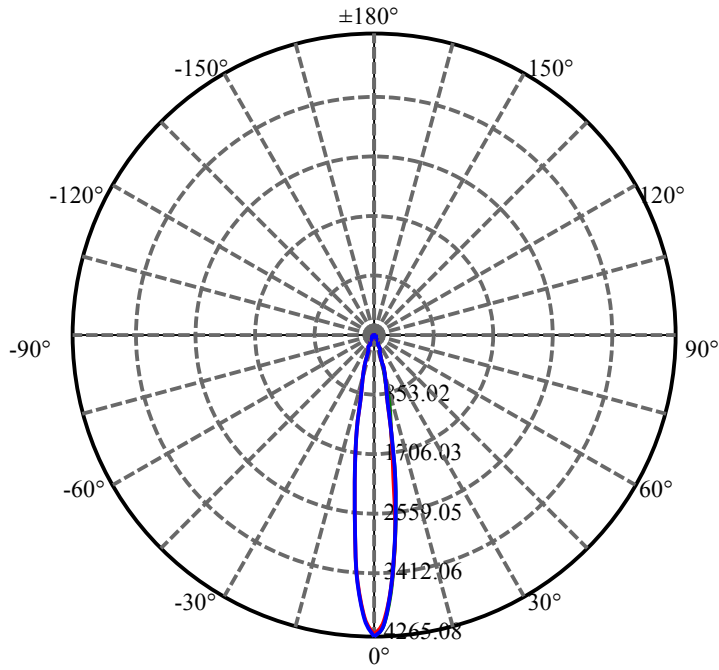
灯具光通量(lm): 583.58  
灯具效能(lm/w): 88.42  
中心光强(cd): 4239.752  
最大光强(cd): 4265.076  
最大光强角度: C=30.0  $\gamma$ =0.0  
半峰边角(50%Imax): [C0/180]Total=15.3  
                                  [C90/270]Total=15.3  
光束扩散角(10%Imax): [C0/180]Total=33.8  
                                  [C90/270]Total=33.8

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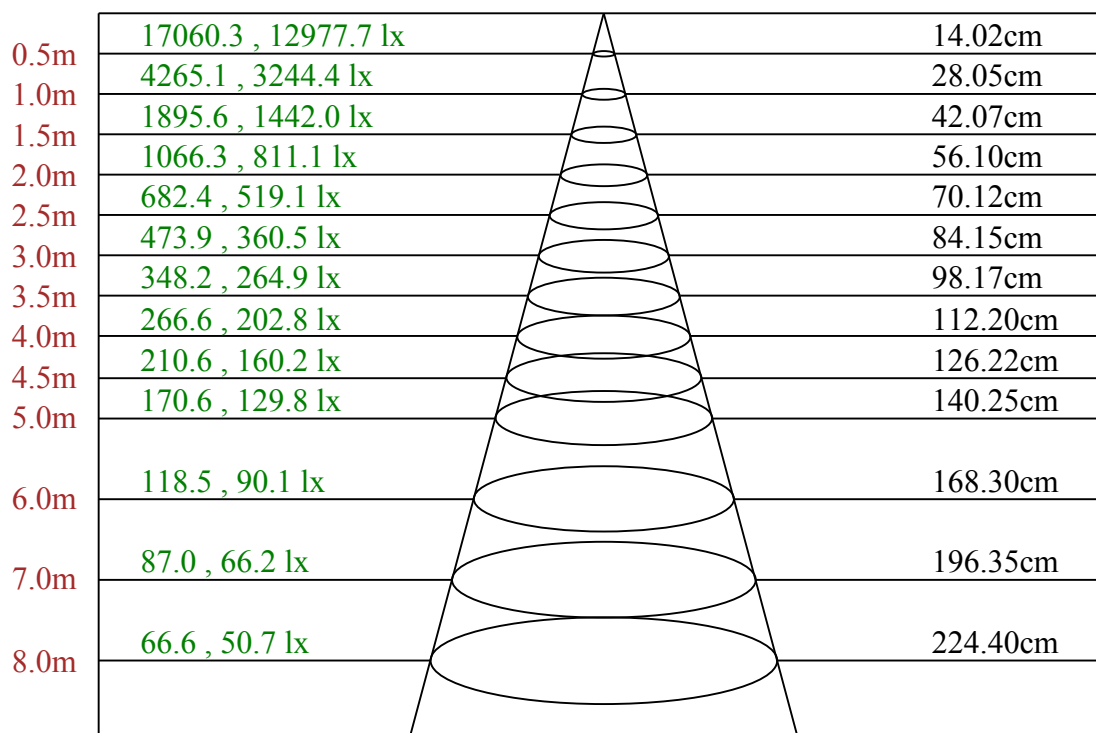
测试设备: GMS1800  
环境温度(°C): 25.0

测试日期: 2021/10/28  
环境湿度(%): 60.0%

测试人员: anpeilou  
测试距离(m): 8.76

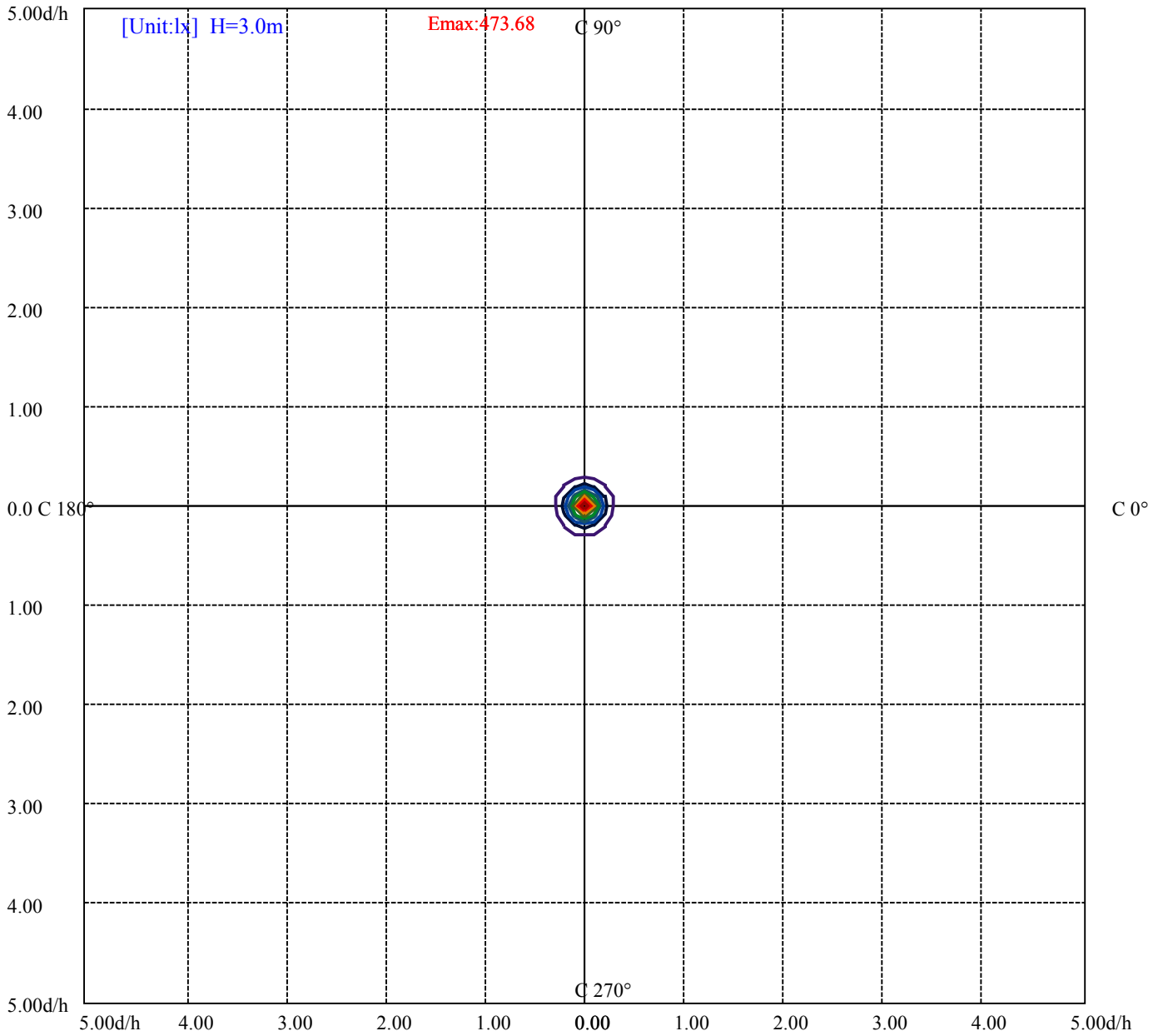


C30(Max): ——  
C0/C180: ——  
C90/C270: ——



Max , Ave    C30面光束角15.97

ROLED 水下灯  
平面等照度曲线



- (10%Emax) 47.36822
- (20%Emax) 94.73656
- (30%Emax) 142.1044
- (40%Emax) 189.4733
- (50%Emax) 236.8411
- (60%Emax) 284.21
- (70%Emax) 331.5778
- (80%Emax) 378.9456
- (90%Emax) 426.3145

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# ROLED 水下灯

## 灯具的亮度限制曲线(灯具无发光侧边)

亮度值表

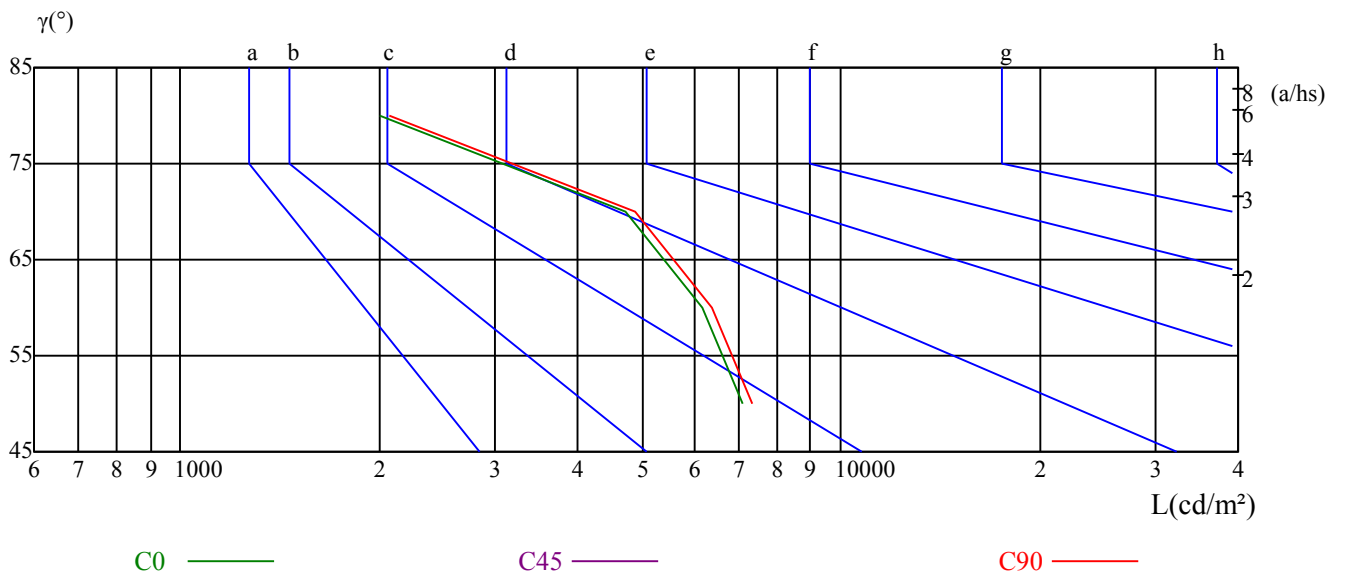
$\gamma$	45	50	55	60	65	70	75	80	85
C0	0	7088	0	6187	0	4733	0	2002	0
C45	0	0	0	0	0	0	0	0	0
C90	0	7368	0	6379	0	4873	0	2071	0

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	16.18	17.23	16.55	17.54	17.86	16.03	17.08	16.40	17.39	17.71
	3H	17.49	18.42	17.88	18.75	19.12	17.34	18.27	17.72	18.60	18.97
	4H	17.80	18.66	18.20	19.01	19.40	17.65	18.51	18.06	18.86	19.25
	6H	17.88	18.66	18.30	19.04	19.43	17.73	18.52	18.15	18.89	19.29
	8H	17.86	18.60	18.29	18.99	19.40	17.72	18.46	18.15	18.85	19.26
	12H	17.82	18.53	18.26	18.91	19.35	17.69	18.39	18.12	18.78	19.21
4H	2H	16.61	17.46	17.01	17.82	18.21	16.48	17.34	16.89	17.69	18.08
	3H	18.07	18.77	18.48	19.18	19.58	17.93	18.64	18.35	19.05	19.45
	4H	18.43	19.06	18.87	19.48	19.93	18.30	18.93	18.74	19.35	19.80
	6H	18.54	19.07	19.01	19.52	20.00	18.41	18.94	18.88	19.39	19.87
	8H	18.52	19.01	18.99	19.46	19.94	18.39	18.89	18.86	19.34	19.81
	12H	18.48	18.91	18.97	19.40	19.88	18.36	18.79	18.85	19.28	19.75
8H	4H	18.48	18.98	18.96	19.43	19.91	18.36	18.86	18.84	19.31	19.78
	6H	18.62	19.02	19.13	19.52	20.01	18.50	18.90	19.01	19.40	19.89
	8H	18.62	18.97	19.15	19.49	19.99	18.50	18.85	19.03	19.37	19.87
	12H	19.31	19.61	19.83	20.11	20.69	19.20	19.50	19.72	19.99	20.57
12H	4H	18.44	18.87	18.93	19.36	19.84	18.32	18.75	18.81	19.24	19.71
	6H	18.89	18.93	19.12	19.41	19.95	18.78	18.82	19.00	19.29	19.84
	8H	18.60	18.90	19.12	19.40	19.98	18.49	18.79	19.01	19.29	19.86
对应照射距离，改变观察者位置S											
S = 1.0H		0.3/-0.5					0.3/-0.5				
S = 1.5H		1.0/-1.0					1.0/-1.0				
S = 2.0H		2.1/-1.4					2.1/-1.4				
标准表格		BK3					BK3				
更正系数		-0.7					-0.8				

# ROLED 水下灯

## 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	4239.75	4060.95	3542.97	2775.60	2028.17	1424.25	961.52	673.76	480.38
30.0	4265.08	4100.86	3585.95	2836.22	2069.61	1422.72	988.38	686.03	496.49
60.0	4261.24	4041.77	3419.43	2698.09	1929.95	1359.25	930.29	647.51	470.55
90.0	4255.10	4093.18	3540.67	2786.34	2060.40	1412.74	959.22	666.08	481.14
120.0	4250.50	4021.82	3396.41	2675.84	1913.07	1342.52	915.10	631.24	456.74
150.0	4244.36	4080.91	3534.53	2788.64	2026.64	1416.58	959.99	666.08	479.61
180.0	4239.75	3994.96	3399.48	2685.05	1923.04	1350.12	921.16	637.92	462.96
210.0	4265.08	4013.38	3435.54	2669.70	1921.51	1345.36	917.01	641.99	456.36
240.0	4261.24	4080.91	3556.02	2781.74	2030.48	1425.02	961.52	673.76	479.61
270.0	4255.10	4014.14	3438.61	2669.70	1923.04	1346.05	918.24	640.84	463.73
300.0	4250.50	4070.93	3548.35	2781.74	2034.31	1430.39	966.13	676.06	480.38
330.0	4244.36	4004.94	3434.77	2669.70	1926.88	1351.43	924.84	649.74	463.26
360.0	4239.75	4060.95	3542.97	2775.60	2028.17	1424.25	961.52	673.76	480.38
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	389.06	257.68	197.29	153.78	123.09	101.68	85.03	73.13	63.46
30.0	387.52	261.45	198.29	157.54	125.77	103.52	87.86	75.20	65.69
60.0	341.10	248.55	189.77	151.33	120.86	100.76	85.64	73.59	64.31
90.0	389.06	258.45	193.38	154.01	123.01	101.52	86.41	74.51	65.46
120.0	330.05	241.42	185.09	147.87	118.71	98.07	83.87	71.98	62.77
150.0	387.52	256.30	192.23	152.55	121.63	100.76	84.80	72.59	63.46
180.0	329.59	244.03	185.86	147.80	117.87	96.77	82.11	70.29	60.93
210.0	336.80	246.40	189.23	148.72	118.94	97.76	83.11	71.21	61.62
240.0	389.83	259.22	198.44	154.55	123.62	101.14	85.64	73.51	63.85
270.0	336.03	245.33	188.77	148.95	119.33	98.38	83.80	71.90	62.39
300.0	389.83	258.30	198.21	154.40	123.47	100.99	85.33	73.21	63.62
330.0	342.10	250.93	193.46	152.55	121.40	99.14	84.26	72.06	62.69
360.0	389.06	257.68	197.29	153.78	123.09	101.68	85.03	73.13	63.46
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	56.10	49.88	44.58	40.52	36.99	33.84	31.23	29.16	27.01
30.0	57.48	51.26	45.89	41.75	38.06	34.92	32.38	30.08	28.01
60.0	56.79	50.80	45.58	41.67	38.14	35.22	32.69	30.46	28.39
90.0	57.40	51.57	46.27	42.13	38.52	35.45	32.69	30.31	28.24
120.0	55.40	49.57	44.58	40.67	37.22	34.22	31.69	29.47	27.32
150.0	55.48	49.73	44.66	40.82	37.22	34.15	31.69	29.31	27.24
180.0	53.64	47.88	42.90	39.06	35.53	32.61	30.16	28.01	25.94
210.0	54.56	48.27	43.59	39.44	35.99	33.00	30.54	28.32	26.17
240.0	56.25	50.11	44.74	40.52	37.22	34.22	31.54	29.31	27.24
270.0	55.33	49.27	44.20	40.13	36.76	33.69	31.08	28.85	26.78
300.0	56.25	50.19	44.89	40.67	37.45	34.30	31.62	29.39	27.24
330.0	55.79	49.65	44.58	40.75	37.37	34.15	31.62	29.31	27.24
360.0	56.10	49.88	44.58	40.52	36.99	33.84	31.23	29.16	27.01
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	25.17	23.25	21.49	19.80	18.03	16.11	14.20	12.35	10.36
30.0	26.09	24.10	22.18	20.41	18.65	16.73	14.73	12.74	10.74
60.0	26.32	24.40	22.56	20.64	18.72	16.81	14.89	12.82	10.82
90.0	26.09	24.25	22.25	20.41	18.49	16.58	14.73	12.74	10.67
120.0	25.32	23.48	21.64	19.80	17.88	16.04	14.04	12.20	10.21
150.0	25.25	23.40	21.56	19.88	18.03	16.11	14.27	12.35	10.28
180.0	24.02	22.25	20.49	18.72	17.04	15.27	13.43	11.66	9.82
210.0	24.33	22.48	20.64	18.88	17.19	15.35	13.58	11.66	9.67
240.0	25.25	23.40	21.64	19.88	18.11	16.19	14.20	12.28	10.28
270.0	24.94	22.94	21.10	19.34	17.57	15.73	13.81	12.05	9.98
300.0	25.32	23.33	21.56	19.72	17.96	16.11	14.20	12.35	10.36
330.0	25.32	23.40	21.56	19.72	17.88	15.96	14.04	12.20	10.13
360.0	25.17	23.25	21.49	19.80	18.03	16.11	14.20	12.35	10.36

# ROLED 水下灯

## 光强数据表(cd)

附页 第 8页 共8页

C/ $\gamma$ (°)	72.0	74.0	76.0	78.0	80.0	82.0	84.0	86.0	88.0
0.0	8.52	6.68	4.99	3.38	2.23	1.23	0.54	0.23	0.00
30.0	8.75	6.91	5.22	3.53	2.30	1.15	0.54	0.23	0.08
60.0	8.82	7.06	4.99	3.53	2.23	1.23	0.61	0.23	0.08
90.0	8.67	6.91	5.14	3.53	2.30	1.23	0.54	0.15	0.08
120.0	8.36	6.60	4.68	3.30	2.07	1.23	0.54	0.23	0.08
150.0	8.36	6.60	4.83	3.38	2.23	1.23	0.61	0.23	0.00
180.0	7.90	6.22	4.53	3.15	2.00	1.15	0.54	0.23	0.08
210.0	7.90	6.06	4.37	3.07	1.92	1.07	0.54	0.15	0.00
240.0	8.36	6.60	4.83	3.30	2.23	1.23	0.54	0.23	0.00
270.0	8.06	6.14	4.53	3.07	1.92	1.07	0.54	0.15	0.00
300.0	8.44	6.52	4.91	3.38	2.15	1.15	0.54	0.23	0.00
330.0	8.13	6.29	4.68	3.15	2.07	1.07	0.54	0.15	0.00
360.0	8.52	6.68	4.99	3.38	2.23	1.23	0.54	0.23	0.00

C/ $\gamma$ (°)	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