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## ROLED

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灯具名称: 水下灯  
灯具描述: U1112A-3-12DC(15-OL-3WN-AA.P1)  
报告编号: 电压(V): 11.4000  
测试编号: 20211029006 电流(A): 0.2890  
光源规格型号: OL 功率(W): 3.3000  
每个光源光通量(lm) 功率因数: 1.0110  
光源数量: 3 镇流器型号:  
发光面长度(mm): 55 发光面宽度 (mm): 55  
测试模式: C 发光面高度(mm): 0

## 光度结果

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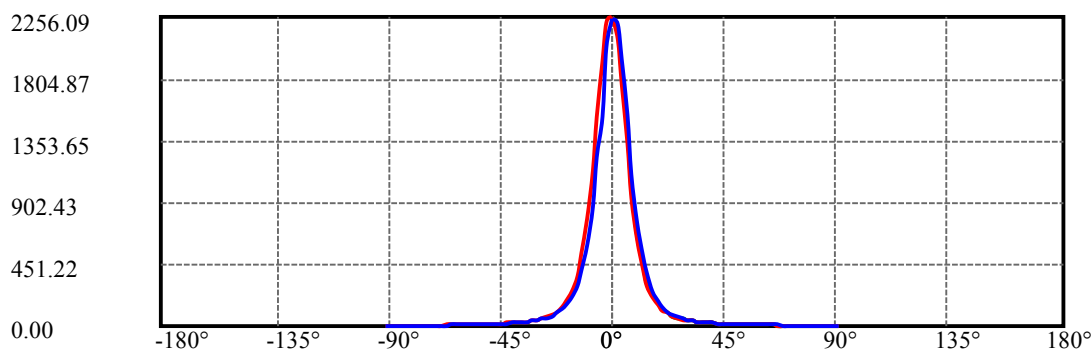
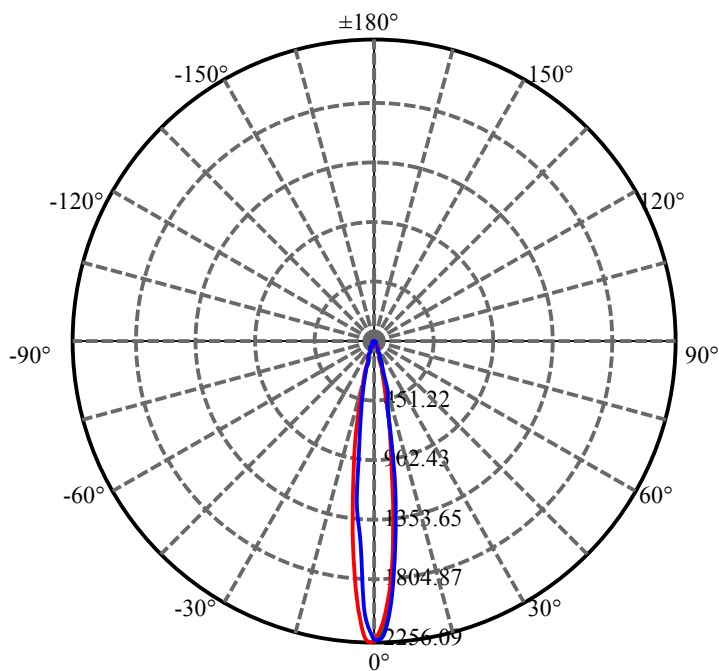
灯具光通量(lm): 296.26  
灯具效能(lm/w): 89.78  
中心光强(cd): 2255.318  
最大光强(cd): 2256.085  
最大光强角度:  $C=30.0$   $\gamma=0.0$   
半峰边角(50%Imax): [C0/180]Total=15.1  
                                  [C90/270]Total=14.6  
光束扩散角(10%Imax): [C0/180]Total=32.8  
                                  [C90/270]Total=32.8

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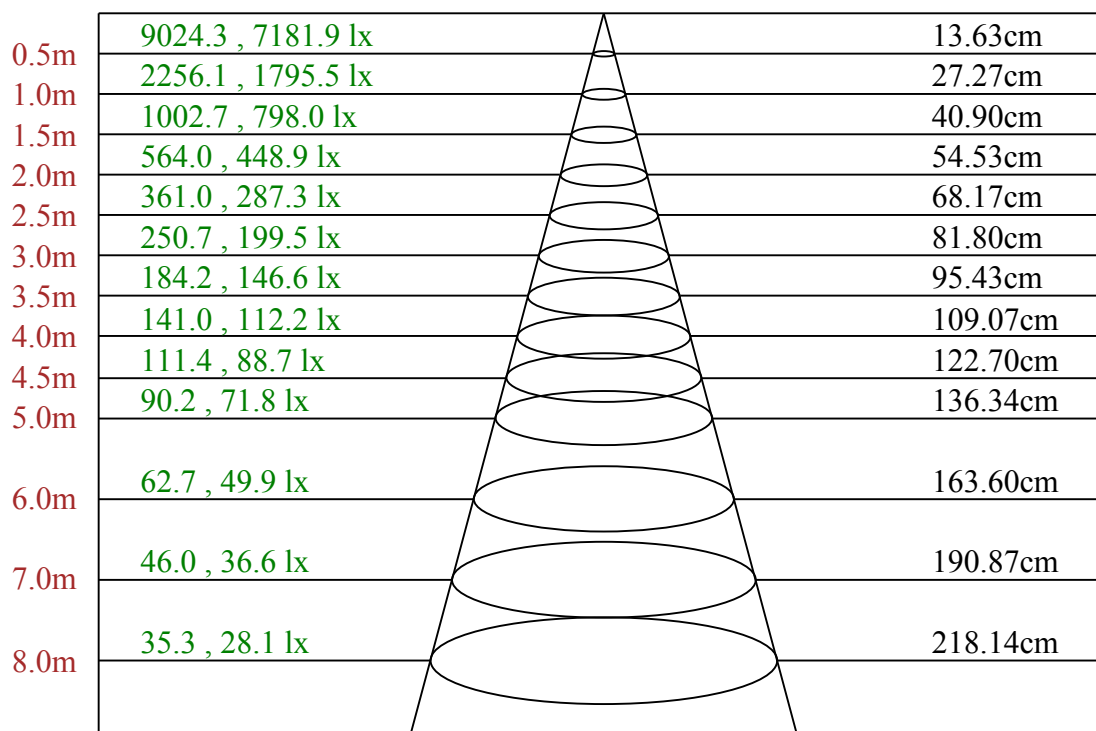
测试设备: GMS1800  
环境温度(°C): 25.0

测试日期: 2021/10/29  
环境湿度(%): 60.0%

测试人员: anpeilou  
测试距离(m): 8.76

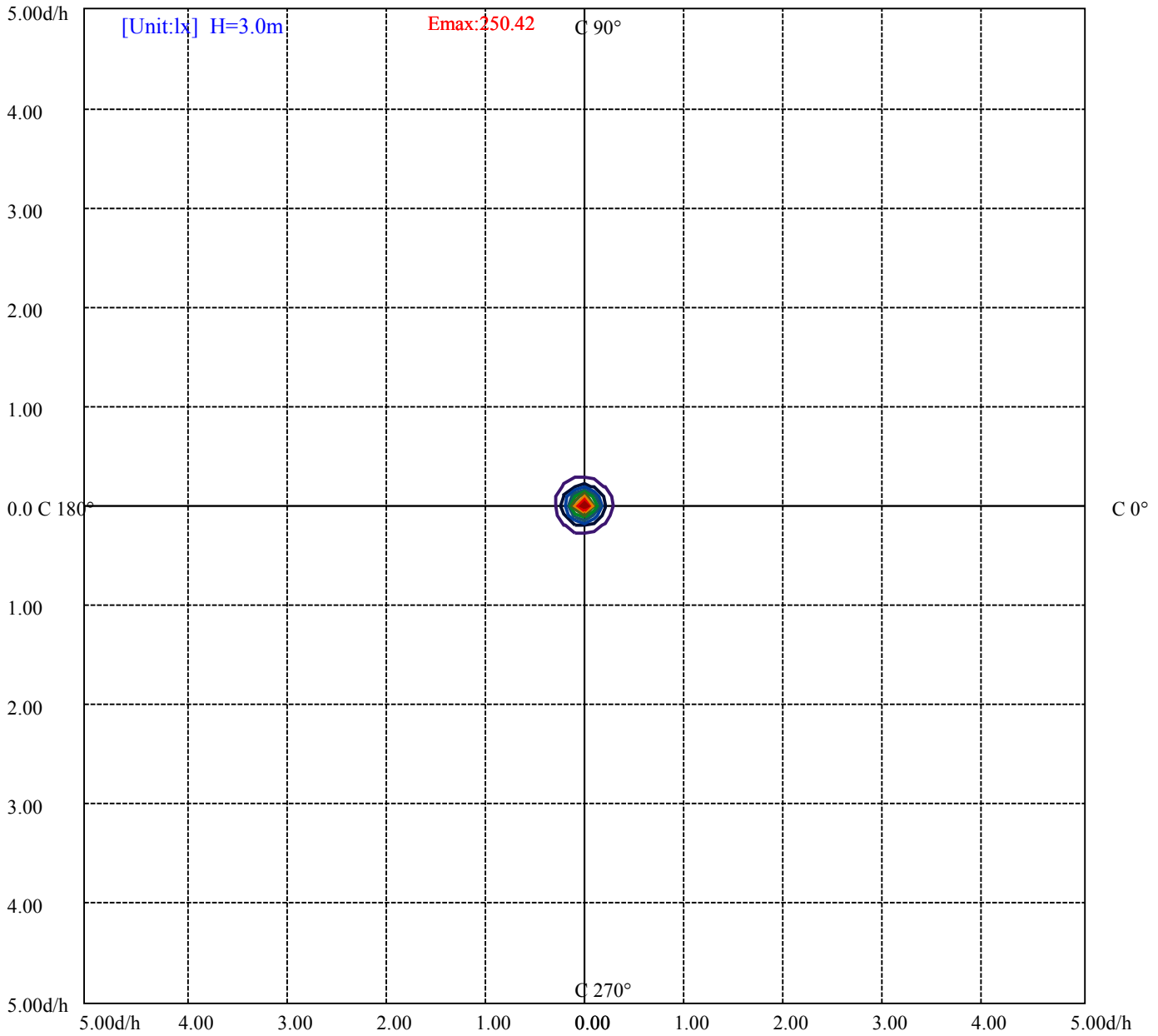


C30(Max): —  
C0/C180: —  
C90/C270: —



Max , Ave      C30面光束角15.53

ROLED 水下灯  
平面等照度曲线



(10%Emax) 25.04189	——
(20%Emax) 50.08389	——
(30%Emax) 75.12578	——
(40%Emax) 100.1678	——
(50%Emax) 125.21	——
(60%Emax) 150.2511	——
(70%Emax) 175.2933	——
(80%Emax) 200.3356	——
(90%Emax) 225.3778	——

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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

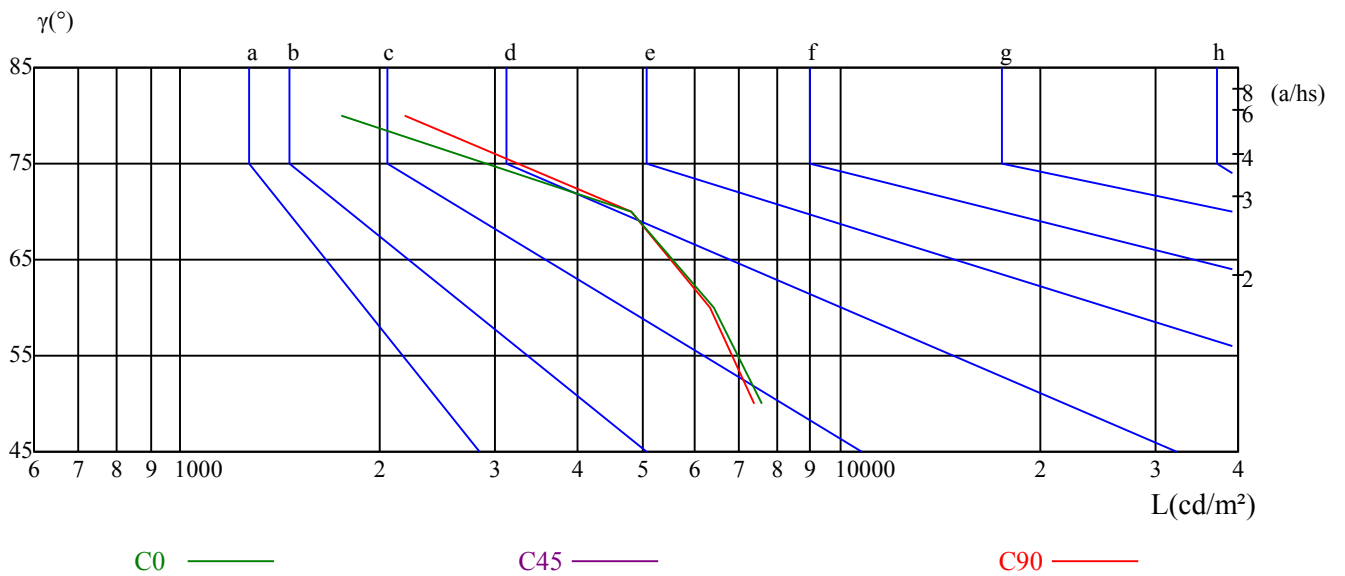
$\gamma$	45	50	55	60	65	70	75	80	85
C0	0	7577	0	6443	0	4821	0	1753	0
C45	0	0	0	0	0	0	0	0	0
C90	0	7380	0	6342	0	4821	0	2191	0

L横(65)	L纵(65)	L45(65)	L横(75)	L纵(75)	L45(75)	L横(85)	L纵(85)	L45(85)
1133128	1151556	0	718244	744610	0	178713	145240	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	18.56	19.60	18.92	19.91	20.23	18.60	19.65	18.97	19.96	20.27
	3H	19.79	20.71	20.17	21.05	21.41	19.87	20.79	20.25	21.12	21.49
	4H	20.06	20.91	20.46	21.27	21.65	20.14	21.00	20.55	21.35	21.74
	6H	20.12	20.90	20.54	21.28	21.67	20.21	20.99	20.63	21.36	21.76
	8H	20.10	20.83	20.53	21.23	21.64	20.18	20.92	20.62	21.31	21.72
	12H	20.06	20.76	20.50	21.15	21.58	20.14	20.84	20.58	21.23	21.66
4H	2H	18.98	19.83	19.39	20.19	20.58	19.02	19.87	19.42	20.22	20.61
	3H	20.36	21.05	20.77	21.46	21.87	20.42	21.12	20.84	21.53	21.94
	4H	20.68	21.30	21.11	21.72	22.17	20.75	21.37	21.19	21.79	22.24
	6H	20.76	21.29	21.23	21.74	22.22	20.83	21.37	21.30	21.82	22.29
	8H	20.73	21.23	21.21	21.68	22.16	20.81	21.30	21.28	21.75	22.23
	12H	20.70	21.12	21.19	21.61	22.09	20.76	21.19	21.26	21.68	22.16
8H	4H	20.72	21.21	21.19	21.66	22.14	20.78	21.28	21.26	21.73	22.20
	6H	20.83	21.22	21.34	21.72	22.21	20.90	21.29	21.41	21.79	22.28
	8H	20.82	21.17	21.35	21.69	22.18	20.89	21.23	21.42	21.76	22.25
	12H	21.52	21.82	22.04	22.32	22.90	21.59	21.89	22.11	22.38	22.96
12H	4H	20.67	21.10	21.16	21.59	22.06	20.74	21.17	21.23	21.65	22.13
	6H	21.09	21.13	21.32	21.61	22.15	21.16	21.20	21.39	21.67	22.22
	8H	20.79	21.09	21.32	21.59	22.17	20.86	21.16	21.38	21.66	22.24
对应照射距离，改变观察者位置S											
S = 1.0H	0.3/-0.6					0.3/-0.6					
S = 1.5H	1.0/-1.0					1.0/-1.1					
S = 2.0H	2.3/-1.4					2.2/-1.5					
标准表格	BK2					BK2					
更正系数	-1.7					-1.6					

# 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	2255.32	2088.03	1761.13	1326.79	933.90	636.92	424.36	300.89	215.40
30.0	2256.09	2140.21	1837.10	1413.51	997.59	663.01	451.98	313.63	228.29
60.0	2251.48	2141.75	1817.91	1405.91	981.40	669.15	450.45	312.86	228.14
90.0	2243.04	2200.83	1942.23	1537.82	1113.46	756.63	517.98	388.29	258.07
120.0	2253.78	2203.14	1928.42	1516.41	1129.42	787.63	532.87	364.50	263.44
150.0	2240.74	2243.04	2018.97	1641.42	1214.76	852.55	571.70	389.06	279.71
180.0	2255.32	2210.81	1936.09	1530.53	1140.32	790.63	530.95	359.59	259.14
210.0	2256.09	2143.28	1845.54	1443.89	1048.54	703.07	474.24	329.89	239.42
240.0	2251.48	2125.63	1813.31	1377.44	978.40	659.18	445.08	323.07	233.82
270.0	2243.04	2034.31	1522.09	1232.71	868.29	582.44	404.94	292.52	215.56
300.0	2253.78	2060.40	1703.57	1256.96	878.65	603.92	415.15	300.66	222.39
330.0	2240.74	2022.80	1521.78	1237.09	856.01	583.97	402.34	287.08	206.73
360.0	2255.32	2088.03	1761.13	1326.79	933.90	636.92	424.36	300.89	215.40
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	158.08	118.25	92.09	72.36	58.78	48.57	41.52	35.61	31.23
30.0	165.68	122.70	94.16	75.43	60.62	50.11	42.44	36.22	31.69
60.0	166.60	123.39	93.24	74.74	59.78	49.57	41.90	35.91	31.54
90.0	187.70	136.59	103.21	81.34	64.61	52.49	44.35	37.68	32.77
120.0	189.54	140.51	105.74	83.57	66.15	53.95	45.28	38.52	33.46
150.0	203.12	147.64	111.50	86.18	68.45	55.48	47.04	39.98	34.61
180.0	189.00	138.13	104.13	82.72	65.99	54.56	45.74	38.98	33.69
210.0	175.35	129.76	100.37	79.19	64.23	52.26	44.51	38.06	33.23
240.0	173.04	129.46	99.22	77.97	63.39	52.10	43.97	38.14	33.07
270.0	159.00	120.02	93.85	74.51	60.16	49.73	42.59	36.99	32.31
300.0	161.99	122.32	95.54	74.90	60.47	50.19	42.90	37.06	32.31
330.0	153.24	115.72	90.32	71.29	57.71	47.96	40.90	35.61	31.23
360.0	158.08	118.25	92.09	72.36	58.78	48.57	41.52	35.61	31.23
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	27.86	25.02	22.41	20.34	18.88	17.19	15.96	14.73	13.66
30.0	28.01	25.09	22.64	20.57	18.88	17.27	15.96	14.81	13.74
60.0	27.78	24.86	22.25	20.18	18.42	16.88	15.65	14.27	13.20
90.0	28.55	25.55	22.71	20.57	18.57	17.11	15.73	14.35	13.35
120.0	29.39	26.24	23.48	21.41	19.49	17.88	16.50	15.35	14.20
150.0	30.39	26.86	24.02	21.87	19.80	18.11	16.65	15.42	14.27
180.0	29.47	26.32	23.56	21.33	19.41	17.65	16.27	14.96	13.81
210.0	29.31	26.01	23.48	21.18	19.26	17.57	16.19	14.96	13.74
240.0	28.93	25.86	23.10	20.95	19.18	17.50	16.11	14.81	13.58
270.0	28.62	25.40	22.94	20.72	18.88	17.27	15.96	14.81	13.58
300.0	28.62	25.71	23.10	21.03	19.26	17.57	16.19	15.04	13.81
330.0	27.93	25.09	22.64	20.57	18.88	17.27	15.88	14.66	13.58
360.0	27.86	25.02	22.41	20.34	18.88	17.19	15.96	14.73	13.66
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	12.66	11.66	10.74	9.75	8.82	7.98	6.91	5.99	4.99
30.0	12.66	11.74	10.74	9.82	8.90	7.90	6.98	5.99	5.14
60.0	12.20	11.36	10.36	9.36	8.44	7.60	6.60	5.68	4.68
90.0	12.28	11.51	10.59	9.59	8.82	7.90	7.06	6.14	4.99
120.0	13.20	12.20	11.13	10.36	9.44	8.44	7.44	6.45	5.45
150.0	13.20	12.12	11.28	10.21	9.36	8.44	7.52	6.60	5.53
180.0	12.74	11.74	10.67	9.75	8.90	7.90	7.06	5.99	4.99
210.0	12.66	11.74	10.67	9.75	8.82	7.75	6.83	5.91	4.83
240.0	12.51	11.59	10.67	9.67	8.82	7.83	6.98	5.91	4.99
270.0	12.66	11.66	10.67	9.67	8.67	7.67	6.60	5.68	4.68
300.0	12.82	11.82	10.74	9.82	8.90	7.83	6.83	5.83	4.68
330.0	12.51	11.51	10.44	9.52	8.67	7.60	6.60	5.60	4.53
360.0	12.66	11.66	10.74	9.75	8.82	7.98	6.91	5.99	4.99

# ROLED 水下灯

## 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	3.84	2.99	2.23	1.38	0.92	0.38	0.23	0.00	0.00
30.0	4.14	3.07	2.30	1.61	1.07	0.61	0.31	0.15	0.00
60.0	3.76	3.07	2.23	1.46	1.00	0.54	0.23	0.08	0.00
90.0	4.14	3.22	2.38	1.76	1.15	0.54	0.31	0.00	0.00
120.0	4.53	3.45	2.53	1.84	1.07	0.69	0.31	0.15	0.00
150.0	4.53	3.53	2.69	1.84	1.30	0.69	0.31	0.08	0.00
180.0	4.07	3.15	2.30	1.61	1.00	0.61	0.23	0.08	0.00
210.0	3.99	2.99	2.15	1.46	0.92	0.54	0.31	0.00	0.00
240.0	3.99	3.07	2.23	1.46	0.92	0.54	0.15	0.00	0.00
270.0	3.76	2.76	1.92	1.23	0.84	0.31	0.15	0.08	0.00
300.0	3.61	2.76	2.00	1.23	0.77	0.46	0.23	0.00	0.00
330.0	3.61	2.53	1.84	1.15	0.69	0.38	0.08	0.00	0.00
360.0	3.84	2.99	2.23	1.38	0.92	0.38	0.23	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