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## ROLED

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灯具名称: 水下灯  
灯具描述: U1113A-6-12DC(30-OL-6WN-AA.P1)  
报告编号: 电压(V): 11.9000  
测试编号: 20211028003 电流(A): 0.5570  
光源规格型号: OL 功率(W): 6.6000  
每个光源光通量(lm) 功率因数: 1.0110  
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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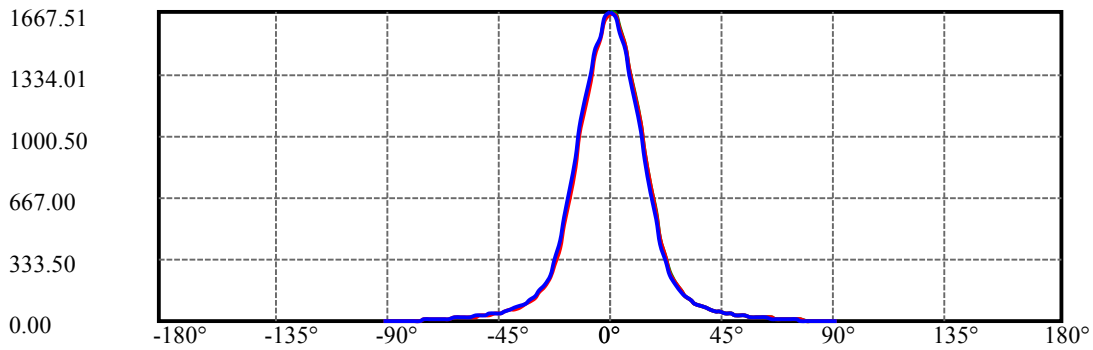
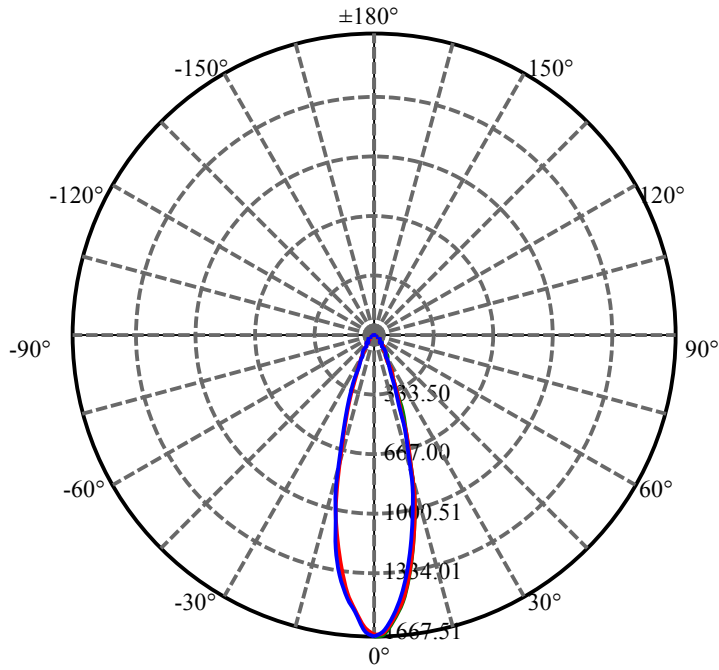
灯具光通量(lm): 590.12  
灯具效能(lm/w): 89.41  
中心光强(cd): 1659.067  
最大光强(cd): 1667.508  
最大光强角度: C=30.0  $\gamma=0.0$   
半峰边角(50%Imax): [C0/180]Total=28.9  
                                  [C90/270]Total=29.0  
光束扩散角(10%Imax): [C0/180]Total=55.4  
                                  [C90/270]Total=55.3

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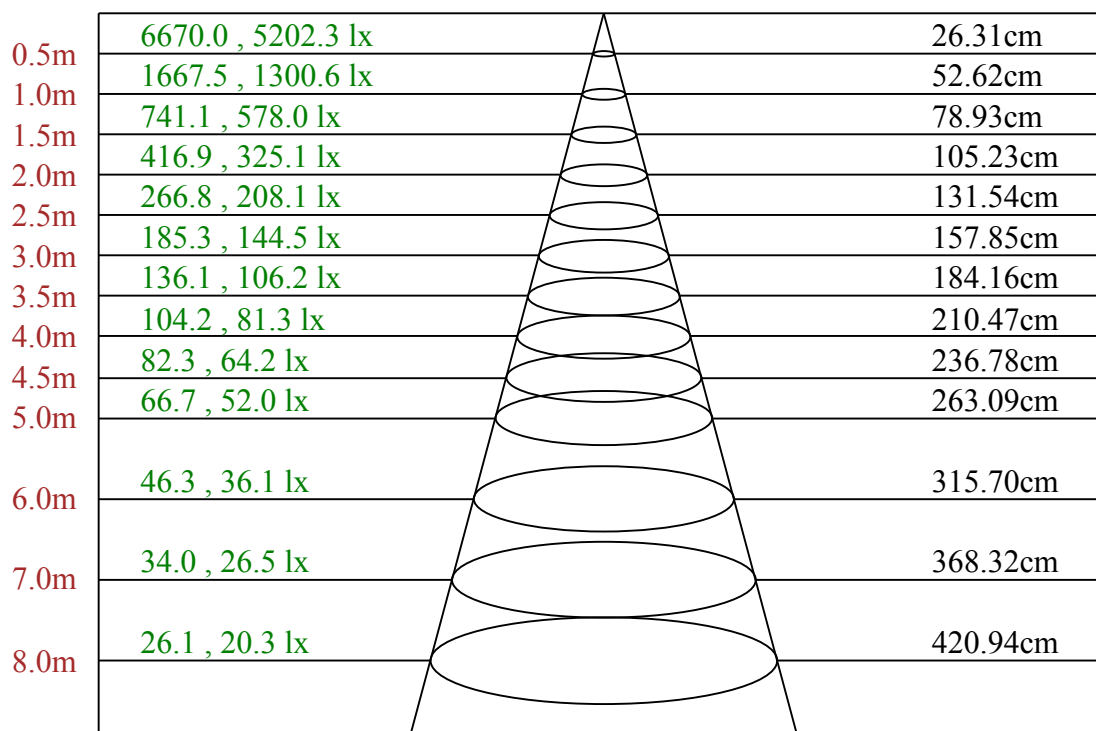
测试设备: GMS1800  
环境温度(°C): 25.0

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

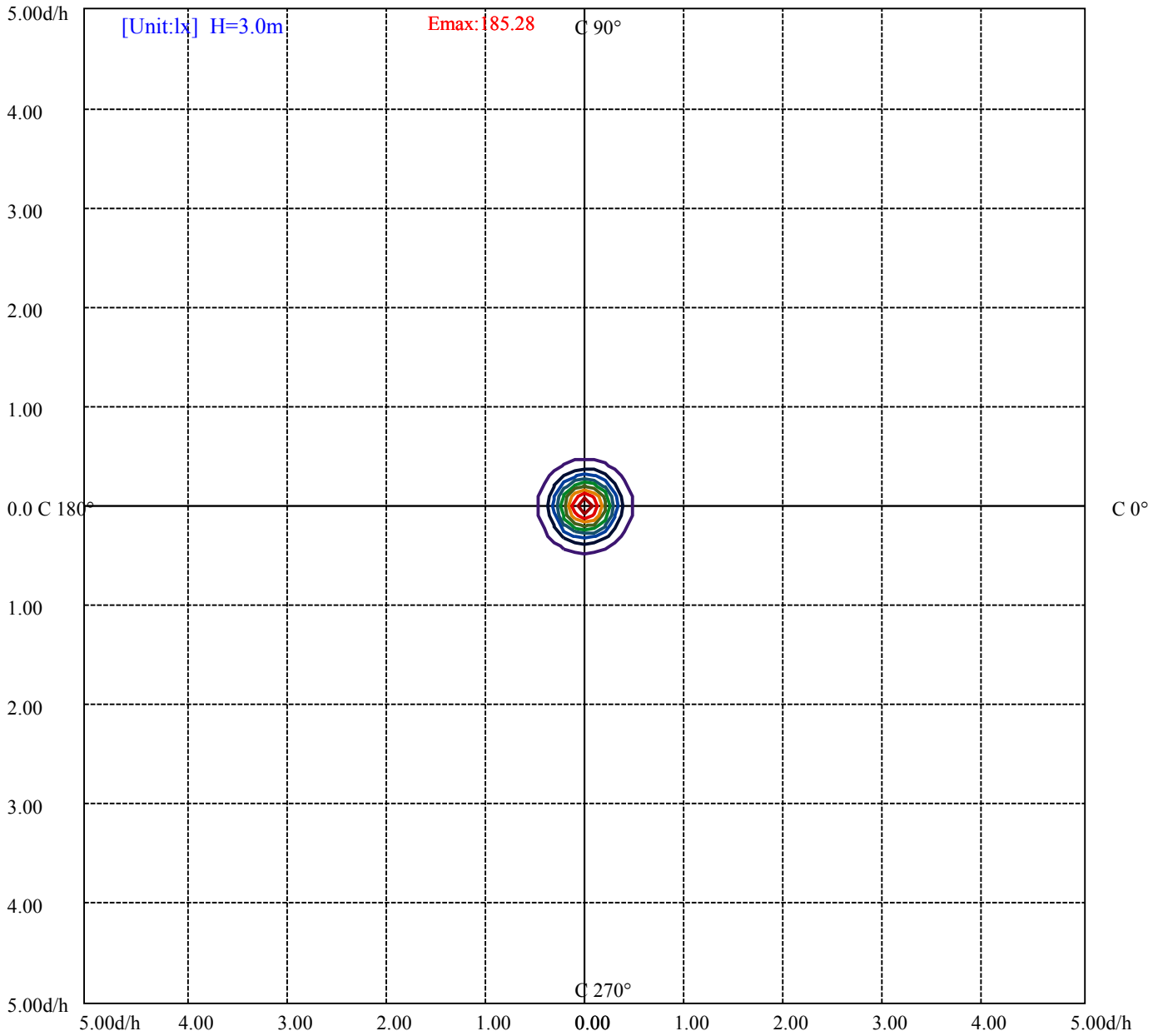


C30(Max): ——  
C0/C180: ——  
C90/C270: ——



Max , Ave    C30面光束角29.48

ROLED 水下灯  
平面等照度曲线



- (10%Emax) 18.52789
- (20%Emax) 37.05567
- (30%Emax) 55.58356
- (40%Emax) 74.11144
- (50%Emax) 92.63922
- (60%Emax) 111.1667
- (70%Emax) 129.6944
- (80%Emax) 148.2233
- (90%Emax) 166.7511

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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

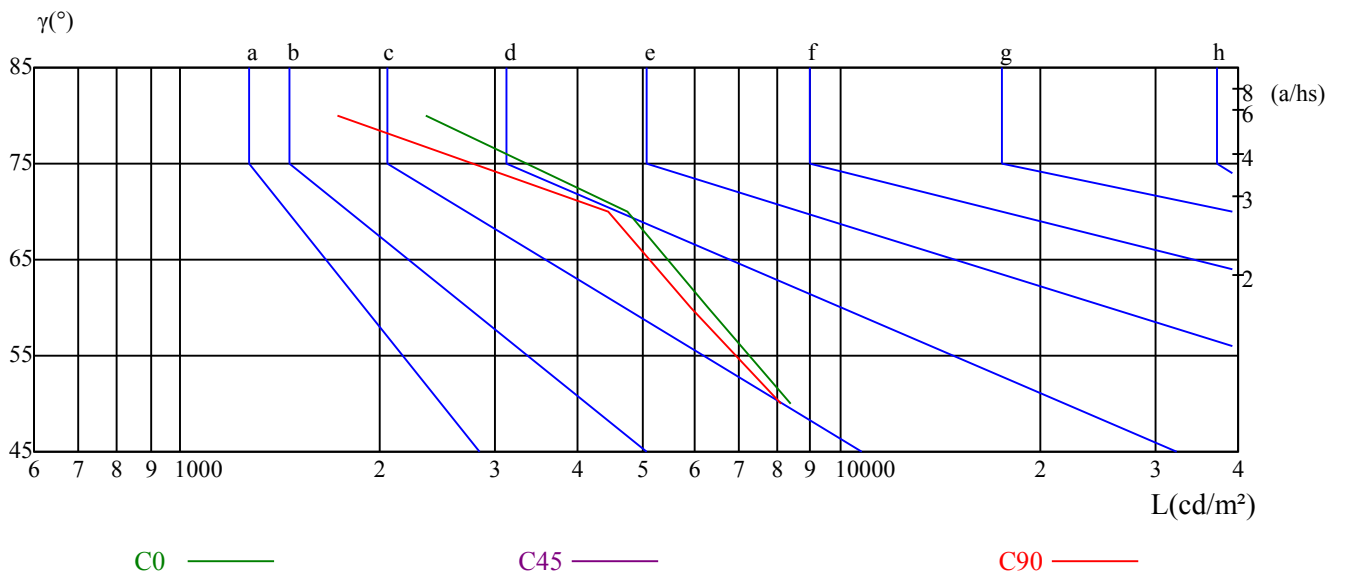
$\gamma$	45	50	55	60	65	70	75	80	85
C0	0	8413	0	6307	0	4768	0	2348	0
C45	0	0	0	0	0	0	0	0	0
C90	0	8114	0	5923	0	4452	0	1726	0

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	16.04	17.10	16.40	17.42	17.73	16.07	17.13	16.43	17.45	17.76
	3H	17.20	18.14	17.58	18.47	18.84	17.23	18.17	17.61	18.50	18.87
	4H	17.52	18.39	17.92	18.74	19.13	17.53	18.41	17.94	18.76	19.15
	6H	17.60	18.40	18.02	18.78	19.17	17.62	18.42	18.04	18.80	19.19
	8H	17.58	18.34	18.02	18.73	19.14	17.61	18.36	18.04	18.75	19.16
	12H	17.55	18.27	17.99	18.66	19.09	17.58	18.30	18.01	18.68	19.11
4H	2H	16.39	17.26	16.80	17.62	18.01	16.41	17.29	16.82	17.64	18.03
	3H	17.73	18.45	18.15	18.85	19.26	17.74	18.46	18.16	18.87	19.27
	4H	18.12	18.76	18.56	19.18	19.63	18.10	18.74	18.54	19.16	19.61
	6H	18.24	18.78	18.71	19.23	19.71	18.21	18.76	18.68	19.21	19.68
	8H	18.22	18.73	18.69	19.18	19.65	18.20	18.71	18.67	19.16	19.63
	12H	18.19	18.63	18.68	19.11	19.59	18.17	18.61	18.66	19.10	19.57
8H	4H	18.17	18.68	18.65	19.13	19.61	18.15	18.66	18.63	19.11	19.58
	6H	18.32	18.73	18.83	19.23	19.71	18.29	18.69	18.80	19.19	19.68
	8H	18.32	18.68	18.85	19.20	19.70	18.29	18.65	18.82	19.17	19.66
	12H	18.95	19.26	19.47	19.76	20.34	18.94	19.25	19.46	19.75	20.32
12H	4H	18.13	18.57	18.62	19.06	19.53	18.11	18.55	18.60	19.04	19.51
	6H	18.61	18.64	18.82	19.11	19.66	18.58	18.61	18.78	19.08	19.63
	8H	18.30	18.61	18.82	19.11	19.69	18.27	18.58	18.79	19.08	19.65
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/-1.5					1.4/-1.4				
S = 2.0H		3.4/-2.0					3.4/-1.8				
标准表格		BK2					BK2				
更正系数		-1.1					-0.8				

ROLED 水下灯

光强数据表(cd)

C/γ(°)	0.0	2.0	4.0	6.0	8.0	10.0	12.0	14.0	16.0
0.0	1659.07	1646.79	1579.26	1477.97	1352.88	1210.92	1065.12	907.81	738.98
30.0	1667.51	1654.46	1585.40	1481.80	1361.33	1217.06	1068.95	911.64	739.75
60.0	1667.51	1637.58	1530.84	1457.86	1332.32	1188.90	1035.27	874.04	704.07
90.0	1665.97	1637.58	1557.01	1456.48	1329.10	1185.60	1029.05	867.90	696.01
120.0	1662.14	1619.16	1529.61	1429.31	1303.08	1156.36	997.67	831.99	661.63
150.0	1662.90	1626.84	1546.26	1433.46	1309.91	1165.64	1007.56	844.88	672.99
180.0	1659.07	1614.56	1527.46	1425.94	1299.55	1152.91	1003.50	831.30	662.32
210.0	1667.51	1627.60	1530.99	1438.60	1308.22	1160.73	1002.42	843.12	670.46
240.0	1667.51	1641.42	1562.38	1458.78	1334.47	1196.34	1040.56	880.18	720.57
270.0	1665.97	1638.35	1530.99	1462.77	1336.00	1200.94	1041.10	884.63	711.59
300.0	1662.14	1649.86	1580.03	1480.27	1356.72	1218.59	1065.89	915.48	745.89
330.0	1662.90	1645.25	1570.82	1477.81	1349.05	1204.78	1052.99	899.06	727.17
360.0	1659.07	1646.79	1579.26	1477.97	1352.88	1210.92	1065.12	907.81	738.98
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	577.07	448.91	340.87	263.90	208.19	166.67	136.29	114.72	96.61
30.0	589.34	450.45	342.63	264.51	210.26	168.98	138.74	116.41	98.15
60.0	558.34	419.45	324.60	251.78	201.21	162.30	133.75	112.57	95.38
90.0	548.67	418.99	319.07	247.10	195.37	159.54	131.30	110.43	93.31
120.0	519.82	388.91	301.12	234.05	188.01	152.32	125.70	105.90	89.71
150.0	528.72	402.11	306.57	237.66	190.77	154.40	126.85	106.90	90.47
180.0	515.91	392.44	304.19	236.66	190.08	152.40	126.77	105.82	89.48
210.0	522.28	404.79	308.02	242.57	191.00	155.62	128.38	107.20	91.01
240.0	561.72	437.40	334.65	257.53	204.20	165.60	135.13	112.80	95.69
270.0	557.50	432.65	327.13	253.54	199.67	161.46	132.68	110.35	93.47
300.0	583.21	455.05	344.71	263.29	206.88	167.29	136.59	113.96	96.69
330.0	571.23	443.93	335.27	258.91	203.51	164.22	134.83	112.11	95.00
360.0	577.07	448.91	340.87	263.90	208.19	166.67	136.29	114.72	96.61
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	82.49	72.21	62.92	55.17	48.65	43.36	38.60	34.61	31.16
30.0	83.95	72.59	63.69	55.86	49.19	43.82	38.98	35.15	31.39
60.0	81.88	70.98	62.39	54.79	48.19	43.05	38.37	34.30	30.70
90.0	80.65	69.29	60.70	53.26	47.19	41.75	37.06	33.38	29.77
120.0	77.04	66.76	58.55	51.34	45.20	40.13	35.84	31.92	28.47
150.0	78.12	67.15	58.93	51.80	45.89	40.59	36.22	32.61	29.24
180.0	77.35	66.92	58.70	51.41	45.20	39.83	35.68	31.69	28.24
210.0	78.20	68.14	59.16	51.87	45.58	40.44	36.07	32.15	28.70
240.0	81.65	70.91	61.54	54.18	47.73	42.36	37.60	33.61	30.00
270.0	80.04	69.60	60.39	52.87	46.50	41.36	36.83	32.84	29.47
300.0	82.42	71.52	62.23	54.87	48.34	42.97	38.22	34.22	30.54
330.0	81.50	71.06	61.77	54.33	47.96	42.67	38.14	34.30	30.93
360.0	82.49	72.21	62.92	55.17	48.65	43.36	38.60	34.61	31.16
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	27.93	25.17	22.41	20.18	17.88	15.81	13.89	12.20	10.44
30.0	28.16	25.32	22.87	20.41	18.11	15.96	13.97	12.35	10.59
60.0	27.70	24.79	22.25	19.80	17.65	15.42	13.58	11.82	10.05
90.0	26.63	23.87	21.33	18.95	16.81	14.81	13.05	11.43	9.75
120.0	25.55	22.87	20.49	18.19	16.04	14.20	12.43	10.90	9.21
150.0	26.09	23.33	20.95	18.65	16.50	14.73	12.82	10.82	8.75
180.0	25.25	22.48	20.11	17.73	15.73	13.81	12.20	10.67	9.06
210.0	25.63	23.10	20.26	18.11	15.96	14.12	12.43	10.82	9.29
240.0	26.93	24.10	21.41	19.11	17.04	14.89	13.05	11.51	9.82
270.0	26.40	23.64	20.95	18.72	16.50	14.50	12.89	11.28	9.67
300.0	27.55	24.71	22.02	19.64	17.42	15.50	13.58	11.97	10.21
330.0	27.86	25.02	22.41	20.11	17.96	15.81	13.97	12.20	10.51
360.0	27.93	25.17	22.41	20.18	17.88	15.81	13.89	12.20	10.44

# 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	8.82	7.21	5.53	3.99	2.61	1.46	0.77	0.31	0.08
30.0	8.90	7.14	5.53	3.84	2.46	1.30	0.61	0.23	0.00
60.0	8.36	6.68	5.14	3.45	2.15	1.15	0.54	0.15	0.00
90.0	8.13	6.45	4.83	3.30	1.92	1.15	0.54	0.15	0.00
120.0	7.67	6.14	4.53	2.99	1.76	0.84	0.15	0.00	0.00
150.0	6.91	4.07	2.46	1.38	0.69	0.23	0.38	0.08	0.00
180.0	7.60	5.91	4.30	2.84	1.84	1.00	0.46	0.08	0.00
210.0	7.52	5.99	4.37	2.92	1.84	1.00	0.46	0.15	0.00
240.0	8.13	6.60	4.91	3.45	2.15	1.23	0.69	0.15	0.08
270.0	7.98	6.52	4.83	3.45	2.15	1.23	0.61	0.23	0.00
300.0	8.59	7.06	5.37	3.84	2.46	1.46	0.77	0.31	0.08
330.0	8.90	7.06	5.29	3.84	2.46	1.38	0.69	0.31	0.00
360.0	8.82	7.21	5.53	3.99	2.61	1.46	0.77	0.31	0.08

C/γ(°)	90.0
0.0	0.00
30.0	0.00
60.0	0.00
90.0	0.00
120.0	0.00
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