

浙大三色

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ROLED

灯具名称: 壁灯

灯具描述: W2111A-3-UN(6550AR-OL-3WN-C,P1)

报告编号:

电压(V): 202.1000

测试编号: 20210306005

电流(A): 0.0440

光源规格型号: OL

功率(W): 3.8000

每个光源光通量(lm)

功率因数: 0.4280

光源数量: 3

镇流器型号:

发光面长度(mm): 130

发光面宽度(mm): 80

测试模式: C

发光面高度(mm): 0

光度结果

灯具光通量(lm): 264.49

灯具效能(lm/w): 69.60

中心光强(cd): 155.317

最大光强(cd): 218.932

最大光强角度: $C=270.0 \gamma=18.0$

半峰边角(50%Imax): [C0/180]Total=68.0

[C90/270]Total=56.2

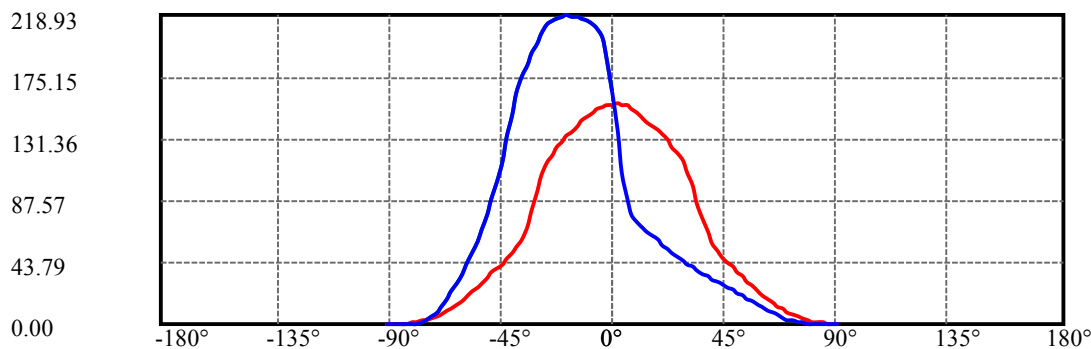
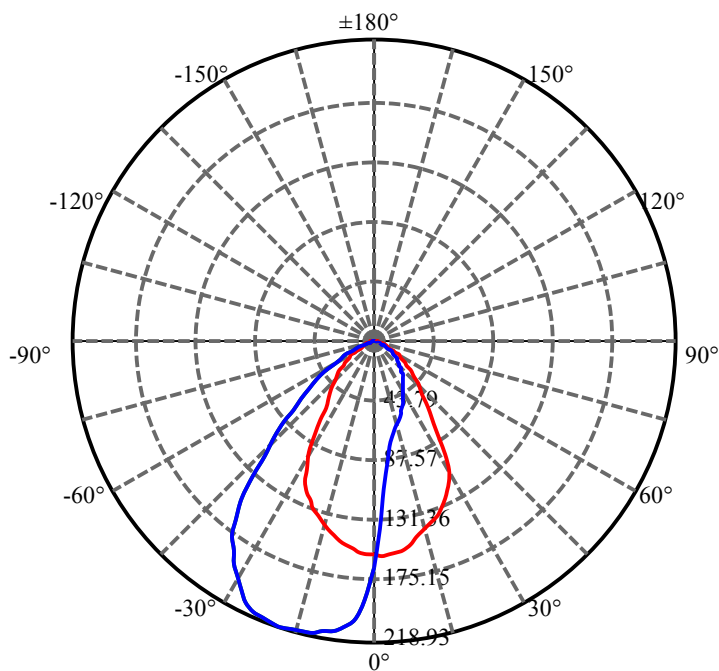
光束扩散角(10%Imax): [C0/180]Total=124.2

[C90/270]Total=122.1

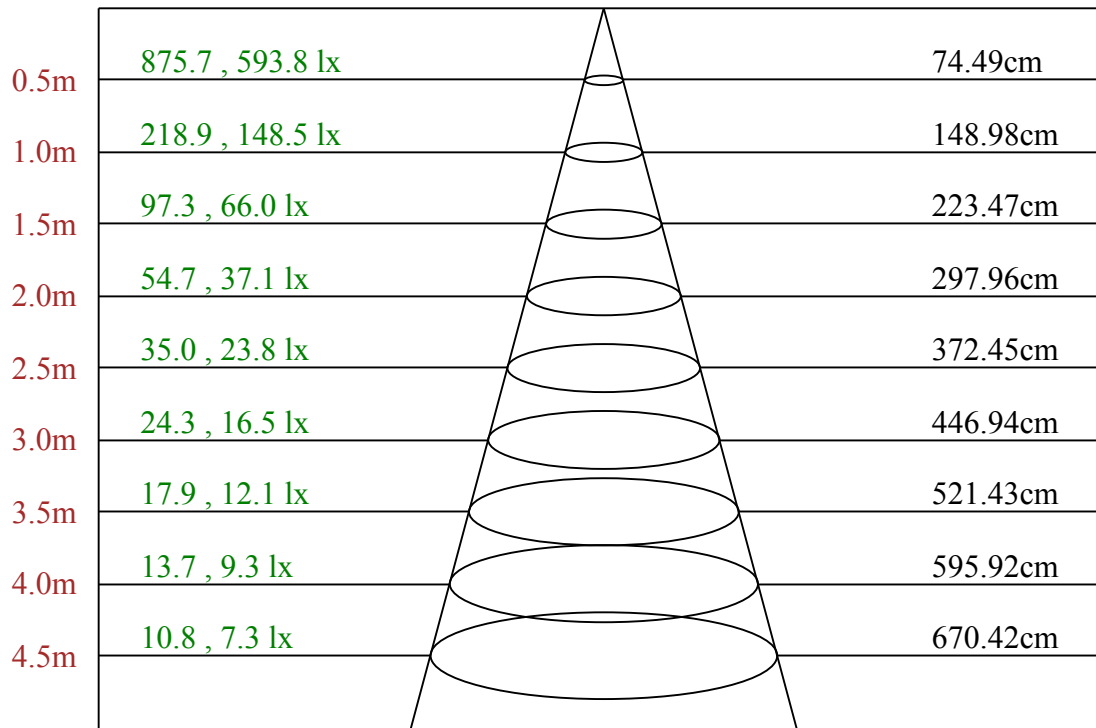
测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/3/6
环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

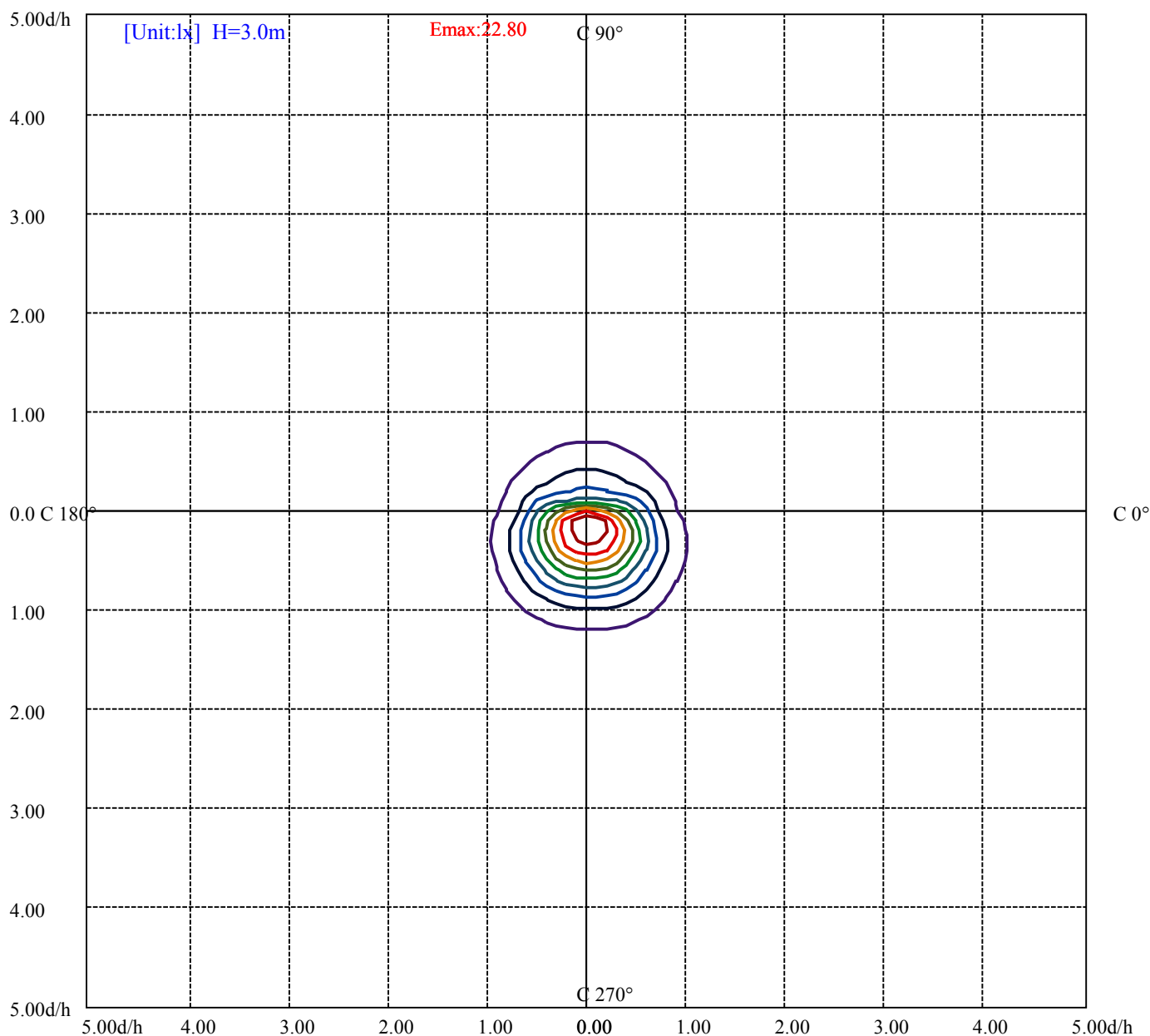


C270(Max): —
C0/C180: —
C90/C270: —



Max , Ave C270面光束角64.10

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平面等照度曲线



- (10%Emax) 2.279644
- (20%Emax) 4.5593
- (30%Emax) 6.838944
- (40%Emax) 9.1186
- (50%Emax) 11.39822
- (60%Emax) 13.67789
- (70%Emax) 15.95755
- (80%Emax) 18.23722
- (90%Emax) 20.51689

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灯具的亮度限制曲线(灯具无发光侧边)

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亮度值表

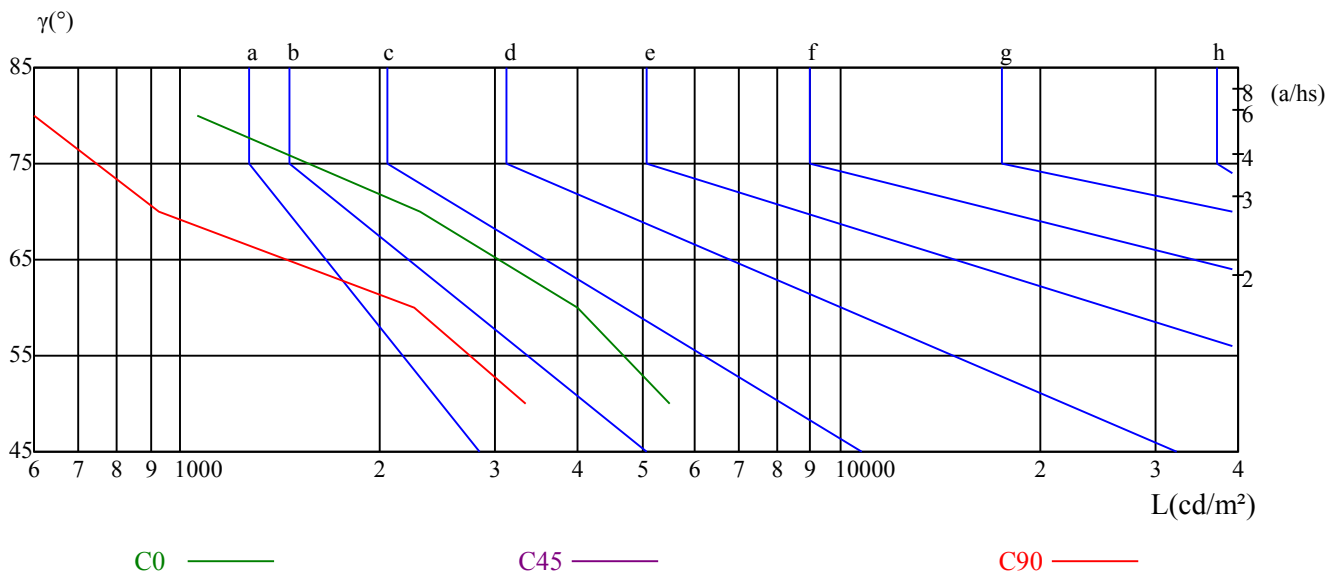
γ	45	50	55	60	65	70	75	80	85
C0	0	5521	0	3984	0	2308	0	1062	0
C45	0	0	0	0	0	0	0	0	0
C90	0	3340	0	2258	0	928	0	212	0

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



测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/3/6
环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

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	21.71	23.07	22.08	23.38	23.70	20.13	21.49	20.49	21.80	22.11
	3H	22.07	23.27	22.45	23.60	23.96	20.75	21.95	21.13	22.28	22.65
	4H	22.04	23.16	22.44	23.51	23.89	20.85	21.97	21.26	22.32	22.70
	6H	21.97	23.00	22.39	23.37	23.76	20.86	21.89	21.28	22.26	22.65
	8H	21.93	22.90	22.36	23.29	23.70	20.84	21.81	21.27	22.20	22.61
	12H	21.89	22.82	22.32	23.20	23.63	20.82	21.75	21.25	22.13	22.56
4H	2H	21.86	22.97	22.26	23.32	23.71	20.46	21.58	20.86	21.93	22.31
	3H	22.30	23.21	22.71	23.61	24.01	21.18	22.09	21.59	22.49	22.90
	4H	22.27	23.08	22.71	23.50	23.95	21.31	22.12	21.74	22.54	22.98
	6H	22.21	22.91	22.67	23.35	23.82	21.33	22.03	21.79	22.48	22.94
	8H	22.16	22.81	22.63	23.26	23.73	21.31	21.96	21.77	22.40	22.87
	12H	22.12	22.69	22.60	23.17	23.65	21.28	21.86	21.77	22.34	22.81
8H	4H	22.21	22.86	22.67	23.30	23.77	21.26	21.91	21.73	22.36	22.83
	6H	22.13	22.66	22.63	23.15	23.63	21.28	21.81	21.79	22.31	22.79
	8H	22.07	22.55	22.59	23.06	23.55	21.26	21.73	21.78	22.25	22.74
	12H	22.77	23.19	23.29	23.69	24.26	21.95	22.37	22.46	22.86	23.43
12H	4H	22.17	22.74	22.65	23.22	23.70	21.22	21.79	21.71	22.28	22.75
	6H	22.70	22.56	22.61	23.02	23.57	21.85	21.71	21.76	22.18	22.72
	8H	22.03	22.45	22.55	22.95	23.52	21.22	21.64	21.74	22.14	22.71
对应照射距离，改变观察者位置S											
S = 1.0H	0.4/-0.7					0.4/-0.5					
S = 1.5H	0.9/-2.3					1.0/-1.3					
S = 2.0H	3.0/-4.0					3.7/-2.5					
标准表格	BK2					BK2					
更正系数	-3.7					-1.1					

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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	155.32	155.70	155.47	154.70	152.86	149.48	145.95	142.81	139.89
30.0	163.53	148.95	133.45	118.25	105.36	94.62	85.87	79.65	74.44
60.0	161.92	135.90	110.89	93.47	81.96	75.05	70.91	67.38	64.31
90.0	164.68	136.21	107.74	88.40	78.04	72.52	68.53	65.38	62.39
120.0	159.31	134.29	109.12	90.93	79.96	73.67	69.37	65.99	63.08
150.0	159.84	144.65	128.77	113.34	100.83	89.86	82.03	75.82	70.98
180.0	155.32	155.09	153.94	152.02	149.56	146.88	144.19	140.58	136.44
210.0	163.53	175.35	184.40	190.23	193.76	194.53	193.53	191.00	187.47
240.0	161.92	183.25	196.22	202.97	205.35	205.89	206.04	206.58	206.73
270.0	164.68	188.47	202.28	209.26	212.33	214.25	216.48	217.32	218.09
300.0	159.31	181.94	197.83	206.58	210.49	212.18	212.64	212.49	212.79
330.0	159.84	173.35	184.55	193.00	198.37	202.28	203.66	203.28	202.05
360.0	155.32	155.70	155.47	154.70	152.86	149.48	145.95	142.81	139.89
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	137.28	134.60	130.61	125.77	120.63	115.18	107.51	97.53	86.02
30.0	70.21	66.92	63.92	61.16	58.55	56.02	53.49	51.11	48.57
60.0	61.47	58.70	56.02	53.26	50.65	47.88	45.51	42.82	40.59
90.0	59.47	56.40	53.41	50.72	47.81	45.20	42.82	40.44	38.22
120.0	60.24	57.48	54.64	52.03	49.27	46.66	44.12	41.59	39.14
150.0	67.15	63.92	61.24	58.55	56.02	53.41	50.88	48.42	45.81
180.0	132.91	129.00	124.70	119.94	113.88	105.21	93.54	80.88	69.06
210.0	184.02	180.49	176.27	171.66	165.60	160.00	153.71	146.49	138.59
240.0	206.96	208.27	208.73	206.12	200.67	193.69	186.32	178.41	170.74
270.0	218.93	218.01	216.25	214.79	211.72	205.35	198.67	191.46	183.25
300.0	214.10	215.79	216.48	215.48	212.72	208.19	201.90	195.07	186.86
330.0	200.44	198.44	195.76	192.46	187.93	181.71	174.65	166.14	157.47
360.0	137.28	134.60	130.61	125.77	120.63	115.18	107.51	97.53	86.02
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	74.67	65.07	57.55	52.26	47.73	43.74	40.29	36.91	33.38
30.0	46.04	43.51	40.90	38.37	35.91	33.46	30.93	28.39	26.09
60.0	38.22	36.14	33.92	31.69	29.77	27.63	25.71	23.56	21.79
90.0	35.99	33.92	31.77	29.85	27.93	26.01	24.17	22.33	20.49
120.0	36.91	34.69	32.38	30.31	28.16	26.17	24.10	22.25	20.18
150.0	43.13	40.52	37.99	35.38	32.92	30.31	27.78	25.17	22.79
180.0	60.32	54.02	49.88	45.97	42.59	39.37	36.07	32.61	29.16
210.0	128.00	114.88	100.30	86.18	73.44	63.85	55.86	48.88	43.36
240.0	163.30	153.86	141.66	128.08	113.80	98.99	86.56	75.13	64.77
270.0	174.81	163.76	148.87	132.14	115.41	100.60	87.86	77.04	67.30
300.0	178.11	168.98	157.77	144.73	129.38	114.03	98.99	86.02	73.82
330.0	147.64	135.67	122.78	108.43	93.93	79.96	69.22	59.55	52.10
360.0	74.67	65.07	57.55	52.26	47.73	43.74	40.29	36.91	33.38
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	30.00	26.93	23.64	20.72	17.73	15.04	12.43	10.36	8.21
30.0	23.64	21.18	18.88	16.58	14.27	12.28	10.05	8.13	6.52
60.0	19.72	17.73	15.73	13.51	11.28	9.13	7.21	5.60	4.22
90.0	18.34	16.35	14.04	11.74	9.67	7.83	6.14	4.53	3.30
120.0	18.11	16.27	14.04	11.82	9.52	7.67	5.76	4.30	2.99
150.0	20.34	17.88	15.65	13.28	11.13	9.06	7.29	5.68	4.30
180.0	25.78	22.48	19.49	16.27	13.74	11.28	9.13	7.21	5.60
210.0	37.99	32.84	27.86	23.48	19.11	15.35	12.35	9.36	7.14
240.0	56.33	48.11	40.59	33.84	27.93	22.33	17.50	12.89	8.75
270.0	58.40	50.26	42.67	35.76	29.16	23.33	17.11	11.89	7.98
300.0	63.77	54.71	46.58	39.75	33.00	27.24	21.95	17.11	12.51
330.0	45.58	39.44	34.38	29.47	24.79	20.57	16.96	13.51	10.59
360.0	30.00	26.93	23.64	20.72	17.73	15.04	12.43	10.36	8.21

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光强数据表(cd)

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C/ γ (°)	72.0	74.0	76.0	78.0	80.0	82.0	84.0	86.0	88.0
0.0	6.52	5.06	3.84	2.84	1.92	1.38	0.84	0.46	0.31
30.0	5.06	3.68	2.76	1.76	1.23	0.84	0.46	0.31	0.08
60.0	3.07	2.07	1.38	0.92	0.54	0.38	0.31	0.23	0.08
90.0	2.30	1.53	1.00	0.54	0.38	0.23	0.23	0.15	0.00
120.0	2.00	1.23	0.77	0.46	0.31	0.23	0.15	0.00	0.08
150.0	3.15	2.15	1.46	0.92	0.54	0.31	0.23	0.15	0.08
180.0	4.30	3.15	2.30	1.61	1.00	0.54	0.31	0.08	0.15
210.0	5.14	3.53	2.30	1.46	0.69	0.38	0.23	0.15	0.15
240.0	5.53	3.22	1.69	0.77	0.46	0.23	0.15	0.08	0.08
270.0	4.83	2.76	1.46	0.61	0.31	0.23	0.23	0.08	0.15
300.0	8.67	5.45	3.22	1.69	0.84	0.38	0.38	0.23	0.23
330.0	8.21	6.14	4.53	2.99	1.84	1.00	0.46	0.15	0.15
360.0	6.52	5.06	3.84	2.84	1.92	1.38	0.84	0.46	0.31

C/ γ (°)	90.0
0.0	0.08
30.0	0.23
60.0	0.15
90.0	0.08
120.0	0.08
150.0	0.08
180.0	0.08
210.0	0.15
240.0	0.00
270.0	0.00
300.0	0.15
330.0	0.08
360.0	0.08