

浙大三色

Email:sensing@sensingm.com

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

ROLED

灯具名称: 投光灯

灯具描述: F2225A1-16-36DC-RC-Y(25-CL-16RGBWN-C, CT)

报告编号:

电压(V): 35.4000

测试编号: 20210317004

电流(A): 0.7890

光源规格型号: CL

功率(W): 27.9000

每个光源光通量(lm)

功率因数: 1.0350

光源数量: 16

镇流器型号:

发光面长度(mm): 155

发光面宽度(mm): 155

测试模式: C

发光面高度(mm): 0

光度结果

灯具光通量(lm): 1454.99

灯具效能(lm/w): 52.15

中心光强(cd): 3934.337

最大光强(cd): 3998.796

最大光强角度: C=30.0 γ =0.0

半峰边角(50%Imax): [C0/180]Total=26.9

[C90/270]Total=26.5

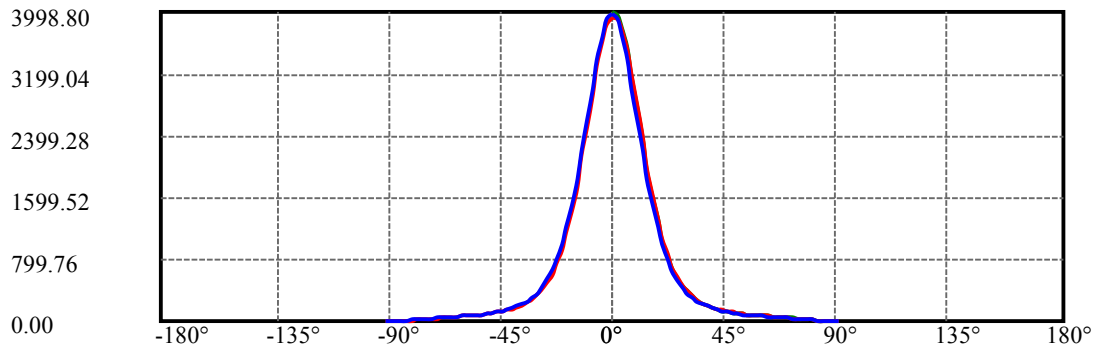
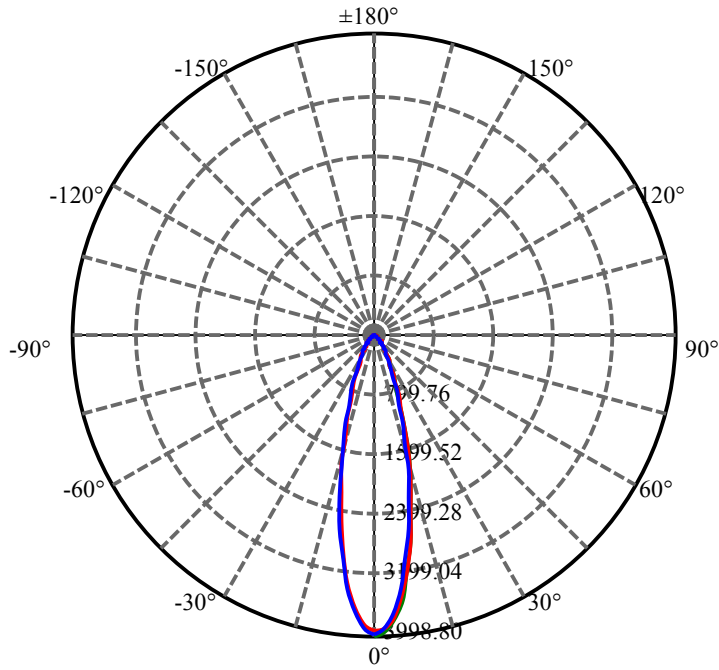
光束扩散角(10%Imax): [C0/180]Total=58.2

[C90/270]Total=58.0

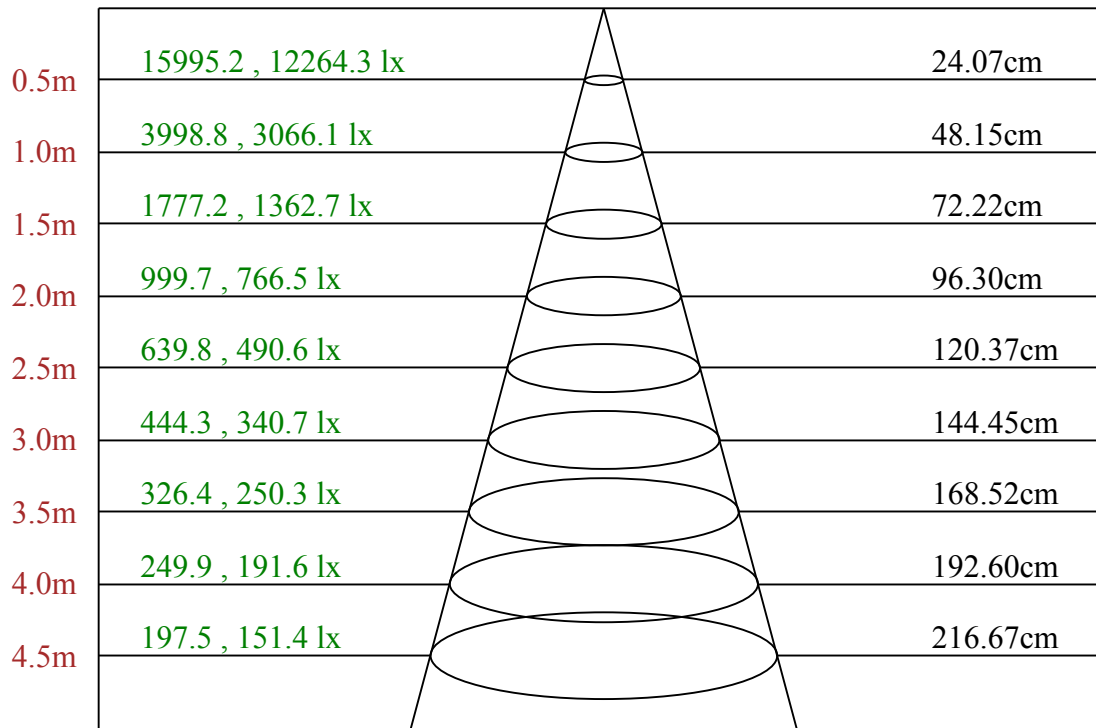
测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/3/17
环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

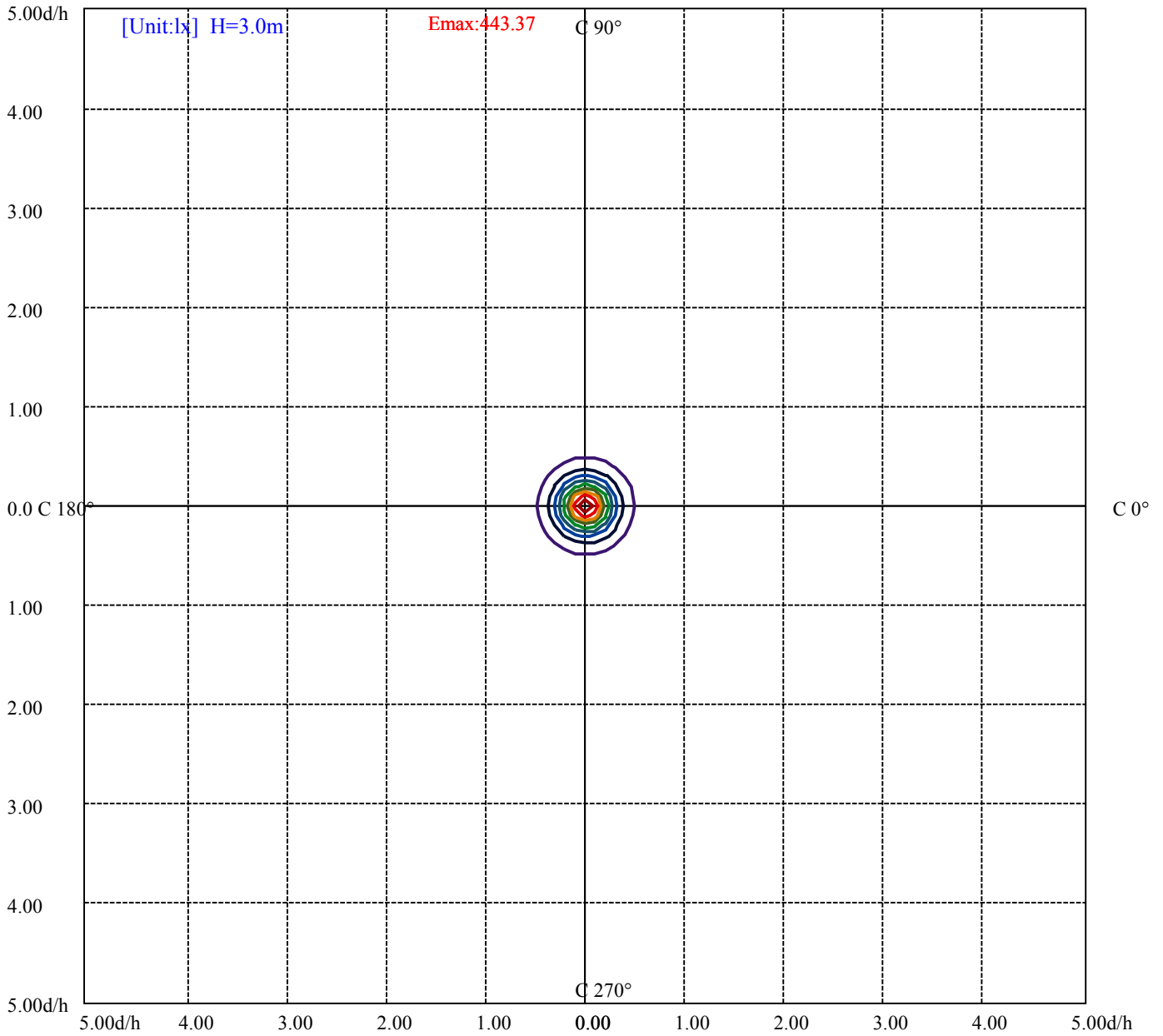


C30(Max): ——
C0/C180: ——
C90/C270: ——



Max , Ave C30面光束角27.07

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平面等照度曲线



- (10%Emax) 44.33722
- (20%Emax) 88.67445
- (30%Emax) 133.0111
- (40%Emax) 177.3489
- (50%Emax) 221.6856
- (60%Emax) 266.0233
- (70%Emax) 310.36
- (80%Emax) 354.6978
- (90%Emax) 399.0345

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ROLED 投光灯

灯具的亮度限制曲线(灯具无发光侧边)

亮度值表

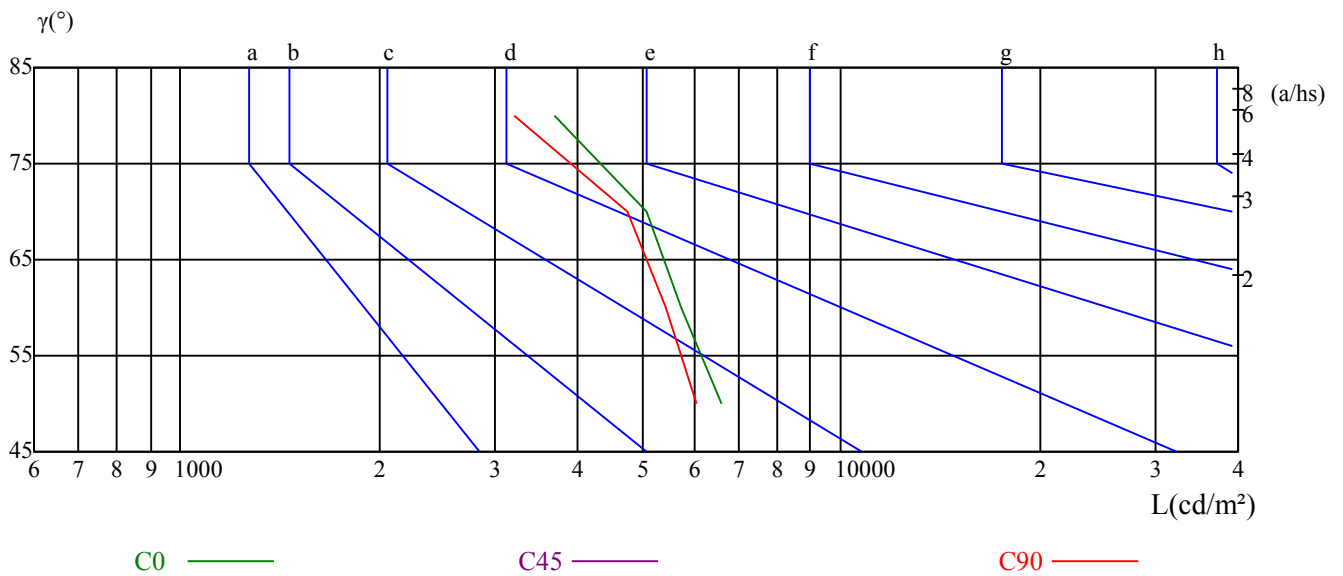
γ	45	50	55	60	65	70	75	80	85
C0	0	6584	0	5730	0	5071	0	3679	0
C45	0	0	0	0	0	0	0	0	0
C90	0	6042	0	5430	0	4763	0	3201	0

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	13.20	14.33	13.57	14.64	14.96	13.35	14.48	13.72	14.79	15.11
	3H	14.96	15.97	15.35	16.30	16.67	15.05	16.06	15.43	16.39	16.75
	4H	15.55	16.49	15.96	16.84	17.23	15.61	16.54	16.01	16.89	17.28
	6H	15.87	16.73	16.29	17.10	17.50	15.90	16.76	16.32	17.13	17.53
	8H	15.92	16.72	16.35	17.12	17.52	15.94	16.75	16.37	17.14	17.54
	12H	15.92	16.69	16.36	17.08	17.51	15.94	16.71	16.38	17.09	17.53
4H	2H	13.82	14.75	14.22	15.10	15.49	13.93	14.86	14.34	15.22	15.60
	3H	15.78	16.55	16.20	16.96	17.36	15.85	16.62	16.27	17.02	17.43
	4H	16.48	17.16	16.91	17.58	18.03	16.50	17.18	16.93	17.60	18.05
	6H	16.81	17.40	17.28	17.85	18.32	16.81	17.40	17.28	17.85	18.32
	8H	16.87	17.42	17.34	17.87	18.34	16.86	17.41	17.33	17.86	18.33
	12H	16.87	17.35	17.36	17.84	18.31	16.86	17.34	17.35	17.82	18.30
8H	4H	16.68	17.23	17.16	17.68	18.15	16.70	17.25	17.17	17.70	18.17
	6H	17.11	17.55	17.62	18.05	18.53	17.10	17.54	17.61	18.04	18.52
	8H	17.21	17.60	17.74	18.12	18.61	17.19	17.57	17.71	18.09	18.59
	12H	17.79	18.13	18.31	18.62	19.20	17.78	18.12	18.30	18.62	19.19
12H	4H	16.67	17.14	17.16	17.63	18.11	16.69	17.16	17.17	17.65	18.12
	6H	17.51	17.50	17.64	17.97	18.52	17.50	17.49	17.63	17.96	18.51
	8H	17.24	17.57	17.76	18.07	18.65	17.22	17.55	17.73	18.05	18.62
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/-0.8					
S = 2.0H	1.9/-1.0					1.9/-1.0					
标准表格	BK3					BK3					
更正系数	0.2					0.6					

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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	3934.34	3909.78	3767.05	3512.28	3196.89	2799.39	2375.80	1986.74	1639.12
30.0	3998.80	3959.66	3803.12	3534.53	3176.17	2784.04	2366.59	1966.02	1617.63
60.0	3981.91	3902.87	3695.68	3406.38	3018.09	2606.01	2222.32	1831.73	1513.96
90.0	3967.33	3895.20	3689.54	3383.36	3005.04	2614.45	2213.11	1850.14	1506.36
120.0	3955.06	3846.09	3627.39	3312.76	2926.77	2520.83	2144.05	1765.73	1445.97
150.0	3946.61	3867.58	3661.92	3361.87	3006.58	2592.96	2187.02	1804.87	1481.04
180.0	3934.34	3836.88	3618.95	3304.32	2928.31	2509.32	2127.93	1747.32	1422.87
210.0	3998.80	3902.11	3662.69	3348.06	2955.16	2550.76	2137.91	1758.06	1424.25
240.0	3981.91	3917.45	3714.10	3390.27	3033.44	2620.59	2198.53	1840.17	1480.27
270.0	3967.33	3899.04	3681.87	3382.59	3001.21	2606.78	2188.56	1834.03	1500.14
300.0	3955.06	3926.66	3760.91	3474.68	3123.99	2721.88	2327.45	1951.44	1617.63
330.0	3946.61	3903.64	3733.28	3473.91	3127.82	2746.44	2320.55	1951.44	1523.24
360.0	3934.34	3909.78	3767.05	3512.28	3196.89	2799.39	2375.80	1986.74	1639.12
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	1316.82	1061.28	860.23	690.64	563.25	458.12	390.59	318.46	269.73
30.0	1307.61	1049.00	839.51	686.03	555.58	457.36	388.29	315.47	265.05
60.0	1210.61	983.09	791.55	640.38	524.50	428.81	357.98	295.59	251.55
90.0	1218.59	993.75	794.23	653.80	528.72	433.57	359.29	298.89	253.62
120.0	1181.61	948.63	763.69	617.43	505.55	412.85	343.86	285.92	240.57
150.0	1195.57	969.20	775.05	625.41	506.47	417.45	344.78	289.30	243.18
180.0	1143.39	923.84	741.82	599.70	491.96	403.03	337.34	280.02	240.27
210.0	1160.04	931.90	745.05	609.53	496.26	409.09	339.18	284.24	239.57
240.0	1201.71	969.96	788.10	633.09	516.44	426.66	351.38	293.91	247.10
270.0	1227.80	993.21	800.14	658.33	536.09	434.49	358.98	301.81	253.31
300.0	1306.84	1058.21	849.49	691.41	563.25	457.36	389.83	316.01	266.89
330.0	1309.91	1054.99	842.20	686.72	557.27	452.06	373.02	313.01	261.52
360.0	1316.82	1061.28	860.23	690.64	563.25	458.12	390.59	318.46	269.73
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	229.37	198.90	173.35	154.24	138.13	124.47	112.27	101.68	92.39
30.0	227.37	195.22	169.28	149.33	132.22	118.87	106.97	98.22	90.55
60.0	214.64	186.17	161.84	142.19	126.85	113.73	103.14	94.16	87.33
90.0	216.63	186.55	161.92	142.89	126.31	113.42	102.29	93.31	85.79
120.0	204.74	177.11	153.63	134.83	120.02	107.28	97.15	88.63	82.03
150.0	206.81	179.03	154.01	135.98	120.48	108.66	98.38	90.01	83.26
180.0	207.96	183.02	160.69	142.04	126.77	113.03	102.67	93.08	85.95
210.0	206.96	179.18	155.70	138.36	123.55	111.12	101.52	93.77	86.79
240.0	212.03	183.17	160.07	140.43	125.08	112.11	102.06	93.62	86.33
270.0	218.24	188.16	162.76	142.89	126.46	113.26	102.44	93.77	86.02
300.0	223.46	193.15	166.21	145.72	128.69	114.26	103.14	93.93	86.10
330.0	222.16	191.69	165.06	144.42	127.46	114.03	102.98	94.23	86.33
360.0	229.37	198.90	173.35	154.24	138.13	124.47	112.27	101.68	92.39
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	84.33	78.58	73.44	68.83	64.08	58.63	53.33	47.19	41.67
30.0	84.26	78.73	73.82	69.52	65.23	60.78	56.17	51.41	45.51
60.0	81.03	76.05	71.37	66.92	62.62	58.32	54.18	49.11	43.59
90.0	79.65	74.28	69.52	65.23	60.47	55.71	50.42	44.81	39.14
120.0	76.28	71.37	66.76	62.62	58.47	54.10	50.03	44.97	39.67
150.0	77.50	72.36	67.76	63.69	59.63	55.48	51.03	46.04	40.75
180.0	79.58	74.13	69.60	64.69	59.55	53.56	47.27	40.67	35.61
210.0	81.19	76.20	71.52	67.15	62.77	58.32	53.64	48.19	41.98
240.0	80.50	75.36	70.60	66.15	62.23	57.78	53.72	48.96	43.05
270.0	79.73	74.51	69.52	65.07	60.47	55.71	50.42	45.04	39.21
300.0	79.50	74.44	69.45	64.92	60.93	56.56	52.18	47.50	42.44
330.0	80.11	74.90	70.06	65.61	61.39	57.25	52.80	47.96	42.67
360.0	84.33	78.58	73.44	68.83	64.08	58.63	53.33	47.19	41.67

ROLED 投光灯

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	36.30	31.54	26.40	21.33	15.35	10.05	3.99	1.07	0.77
30.0	39.14	33.53	27.86	22.94	16.19	9.59	4.68	1.00	0.69
60.0	37.22	31.46	25.94	21.03	13.97	8.36	3.68	0.84	0.54
90.0	33.76	29.01	24.48	19.11	13.35	8.13	2.46	0.92	0.46
120.0	33.92	28.78	23.56	19.11	11.89	7.14	2.53	0.77	0.46
150.0	32.15	22.94	17.11	13.05	10.05	6.22	2.23	0.77	0.38
180.0	30.39	26.32	21.41	14.96	9.98	5.14	1.07	0.77	0.38
210.0	35.99	30.23	25.02	19.88	11.97	7.21	2.30	1.00	0.54
240.0	36.83	31.16	25.63	20.34	13.66	7.90	3.07	0.92	0.54
270.0	33.92	28.78	24.17	18.57	12.89	7.75	2.23	0.92	0.61
300.0	36.60	31.69	26.24	21.49	15.19	8.82	4.07	1.07	0.69
330.0	36.91	31.54	26.17	21.33	14.89	8.59	4.07	1.00	0.54
360.0	36.30	31.54	26.40	21.33	15.35	10.05	3.99	1.07	0.77

C/γ(°)	90.0
0.0	0.23
30.0	0.23
60.0	0.15
90.0	0.23
120.0	0.15
150.0	0.23
180.0	0.23
210.0	0.23
240.0	0.23
270.0	0.15
300.0	0.31
330.0	0.31
360.0	0.23