

浙大三色

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ROLED

灯具名称: 投光灯

灯具描述: F1222A1-6-24DC-RC-Y(30-CL-6RGBWN-AJ, CT)

报告编号:

电压(V): 23.9000

测试编号: 20210303002

电流(A): 0.5260

光源规格型号: CL

功率(W): 12.5000

每个光源光通量(lm)

功率因数: 1.0230

光源数量: 6

镇流器型号:

发光面长度(mm): 85

发光面宽度(mm): 85

测试模式: C

发光面高度(mm): 0

光度结果

灯具光通量(lm): 533.61

灯具效能(lm/w): 42.69

中心光强(cd): 1024.524

最大光强(cd): 1130.115

最大光强角度: $C=30.0$ $\gamma=0.0$

半峰边角(50%Imax): [C0/180]Total=31.1

[C90/270]Total=31.2

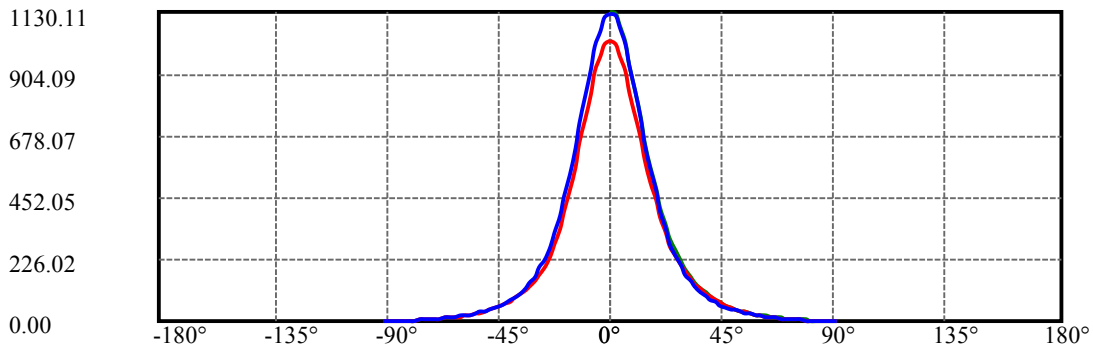
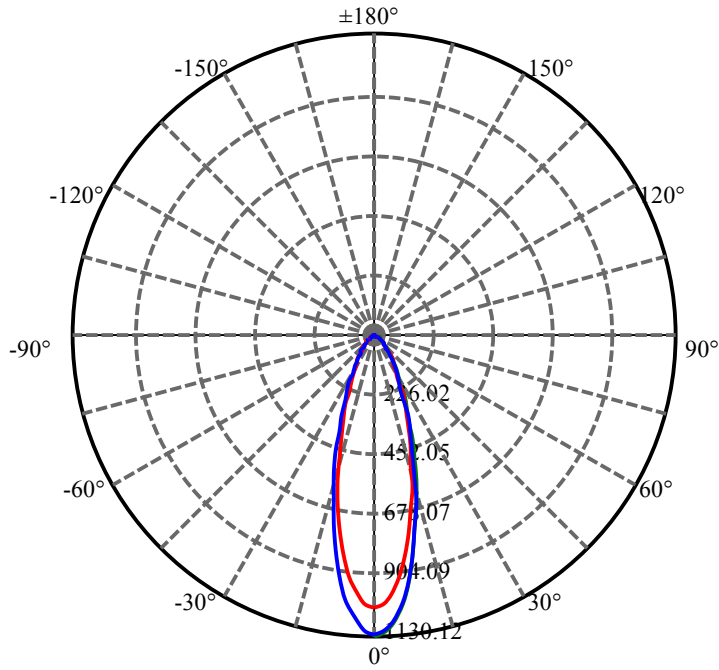
光束扩散角(10%Imax): [C0/180]Total=73.0

[C90/270]Total=70.0

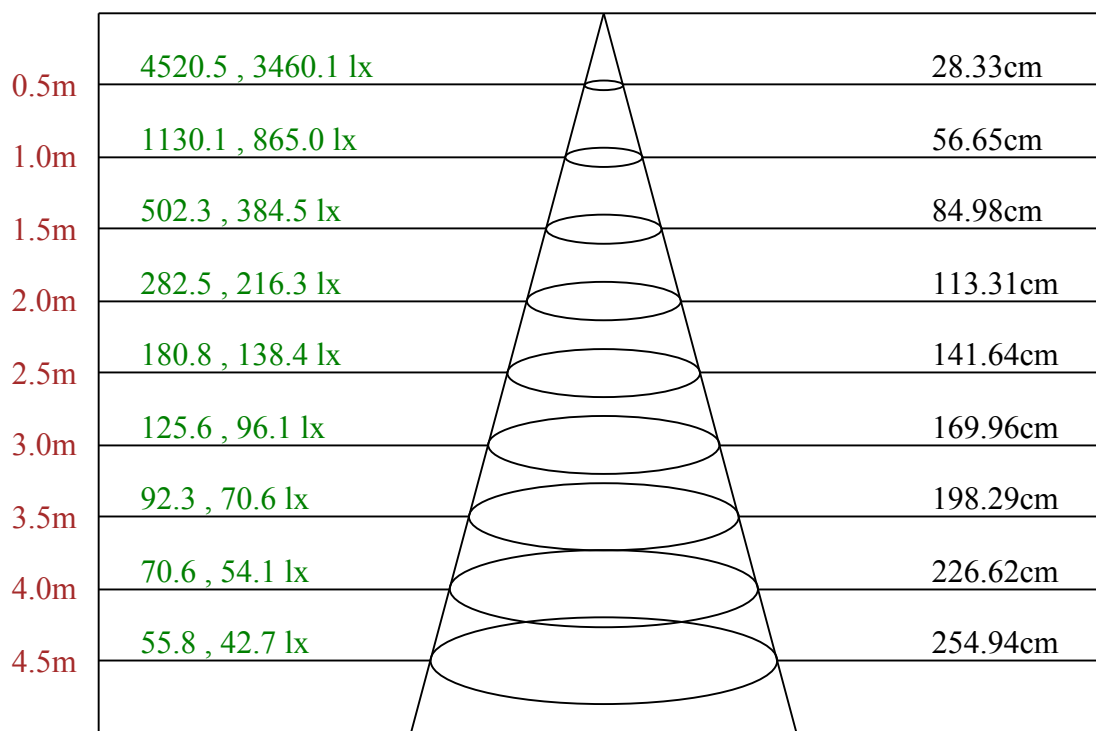
测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/3/3
环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

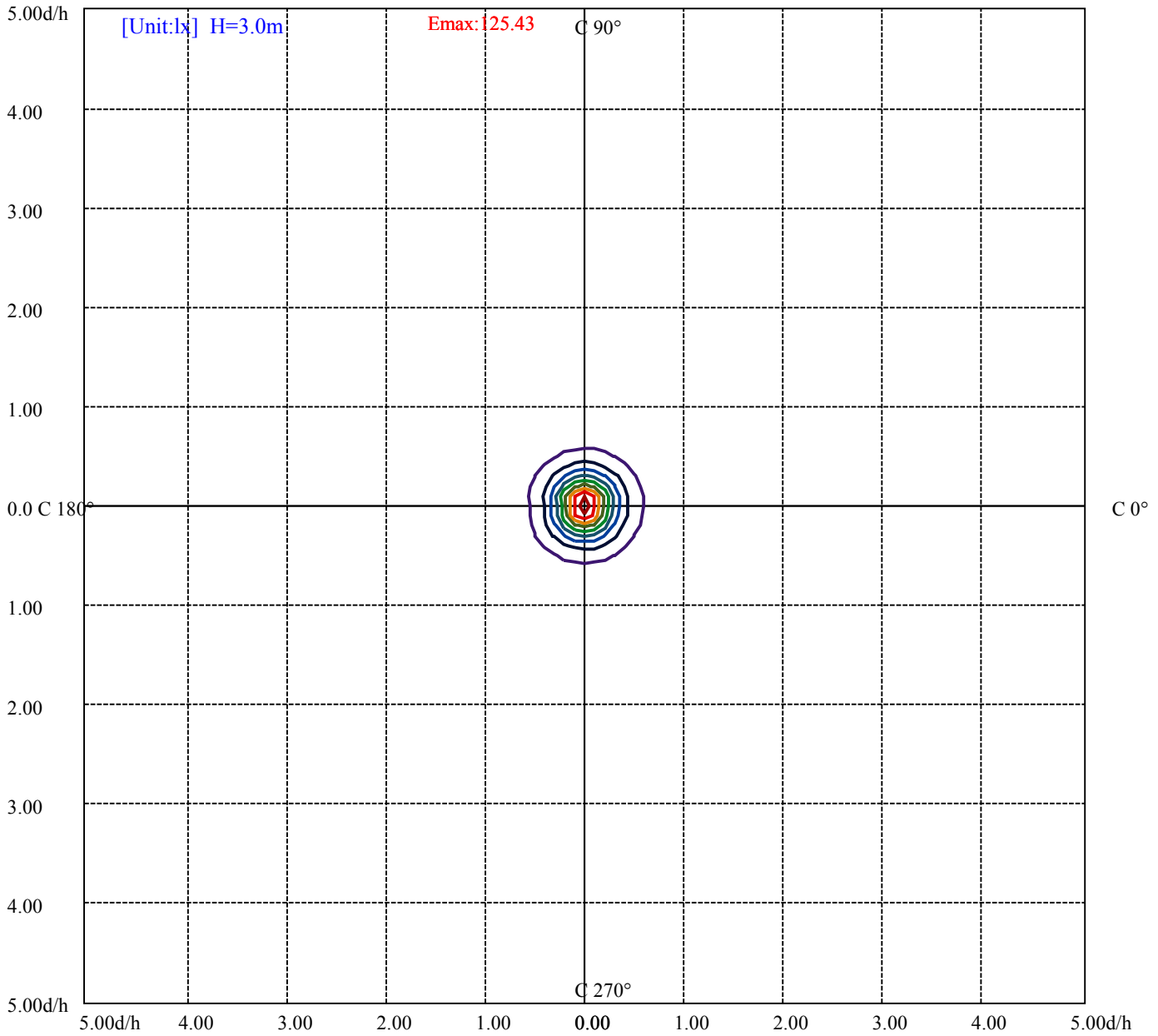


C30(Max): ———
C0/C180: ———
C90/C270: ———



Max , Ave C30面光束角31.63

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平面等照度曲线



(10%Emax) 12.54278	——
(20%Emax) 25.08544	——
(30%Emax) 37.62822	——
(40%Emax) 50.171	——
(50%Emax) 62.71378	——
(60%Emax) 75.25644	——
(70%Emax) 87.79922	——
(80%Emax) 100.342	——
(90%Emax) 112.8844	——

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灯具的亮度限制曲线(灯具无发光侧边)

亮度值表

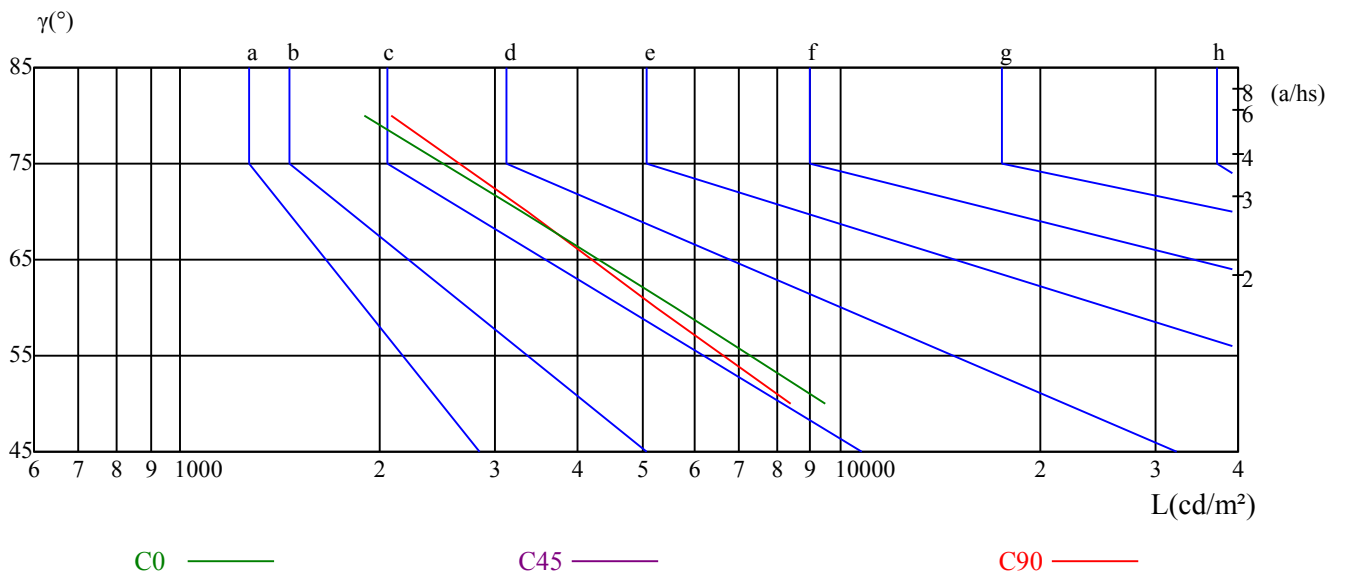
γ	45	50	55	60	65	70	75	80	85
C0	0	9485	0	5608	0	3292	0	1896	0
C45	0	0	0	0	0	0	0	0	0
C90	0	8410	0	5268	0	3354	0	2080	0

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	16.42	17.53	16.78	17.84	18.16	16.66	17.77	17.03	18.09	18.40
	3H	17.23	18.21	17.61	18.54	18.91	17.44	18.42	17.82	18.75	19.12
	4H	17.44	18.35	17.85	18.71	19.09	17.65	18.56	18.06	18.91	19.30
	6H	17.54	18.38	17.96	18.75	19.15	17.75	18.58	18.17	18.96	19.35
	8H	17.55	18.33	17.98	18.73	19.13	17.75	18.54	18.18	18.93	19.34
	12H	17.55	18.30	17.98	18.68	19.11	17.75	18.50	18.18	18.88	19.31
4H	2H	16.67	17.58	17.07	17.93	18.32	16.88	17.79	17.29	18.14	18.53
	3H	17.63	18.38	18.05	18.78	19.19	17.82	18.56	18.23	18.96	19.37
	4H	17.92	18.59	18.36	19.01	19.45	18.09	18.75	18.53	19.18	19.62
	6H	18.06	18.63	18.53	19.08	19.55	18.22	18.79	18.69	19.24	19.71
	8H	18.08	18.60	18.55	19.05	19.53	18.24	18.76	18.71	19.21	19.69
	12H	18.08	18.54	18.57	19.03	19.50	18.24	18.70	18.73	19.18	19.66
8H	4H	17.96	18.49	18.44	18.94	19.42	18.12	18.65	18.59	19.10	19.57
	6H	18.16	18.58	18.67	19.08	19.57	18.30	18.73	18.81	19.23	19.71
	8H	18.21	18.58	18.74	19.10	19.60	18.35	18.72	18.88	19.24	19.74
	12H	18.83	19.16	19.35	19.66	20.23	18.98	19.31	19.50	19.81	20.38
12H	4H	17.93	18.39	18.42	18.87	19.35	18.08	18.54	18.57	19.03	19.51
	6H	18.51	18.51	18.67	18.98	19.53	18.65	18.66	18.81	19.13	19.67
	8H	18.21	18.54	18.73	19.03	19.61	18.35	18.67	18.87	19.17	19.75
对应照射距离，改变观察者位置S											
S = 1.0H	1.1/-1.5					1.1/-1.5					
S = 1.5H	2.3/-2.4					2.3/-2.5					
S = 2.0H	4.5/-2.9					4.6/-3.2					
标准表格	BK2					BK2					
更正系数	-0.4					0.0					

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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	1024.52	1010.40	971.57	911.64	836.44	750.49	669.77	586.97	506.85
30.0	1130.11	1119.60	1081.31	1016.70	935.51	841.43	743.51	652.65	562.03
60.0	1127.58	1112.31	1067.73	1001.58	923.15	828.15	730.31	639.38	548.37
90.0	1124.44	1112.70	1072.56	1009.33	933.28	839.66	740.29	648.20	555.12
120.0	1121.06	1106.56	1062.97	997.74	919.93	824.85	731.46	629.25	541.77
150.0	1118.22	1109.24	1071.41	1008.33	933.05	840.58	742.21	645.44	557.35
180.0	1024.52	1008.95	966.82	909.57	828.92	737.76	650.35	559.88	479.00
210.0	1130.11	1112.46	1065.58	996.90	910.18	818.33	718.95	620.12	533.86
240.0	1127.58	1114.84	1073.33	1011.56	930.21	834.21	735.53	642.68	548.14
270.0	1124.44	1107.78	1063.35	1001.12	916.78	820.71	721.87	628.33	536.78
300.0	1121.06	1107.09	1064.50	999.43	921.77	826.54	730.16	634.70	547.37
330.0	1118.22	1096.43	1049.92	980.55	894.22	799.38	703.22	613.36	526.88
360.0	1024.52	1010.40	971.57	911.64	836.44	750.49	669.77	586.97	506.85
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	440.78	378.16	325.14	276.95	239.88	206.35	179.87	155.78	134.75
30.0	484.44	413.08	350.92	300.81	256.61	219.01	187.85	162.61	139.66
60.0	467.56	395.97	337.26	285.92	242.18	206.65	175.81	151.25	128.15
90.0	474.78	401.03	336.72	281.70	236.74	200.98	169.97	145.42	123.93
120.0	459.89	391.29	328.90	277.25	235.81	198.98	169.05	143.88	123.62
150.0	472.78	402.41	338.64	285.54	241.57	206.65	175.81	150.33	129.53
180.0	402.87	336.80	280.25	236.28	199.06	169.21	146.03	126.00	109.50
210.0	453.21	380.77	321.15	273.72	230.83	196.22	169.21	144.04	124.55
240.0	465.80	396.43	331.89	280.02	236.28	200.29	169.97	144.65	123.62
270.0	455.67	386.07	323.76	271.65	227.07	193.15	163.53	137.90	118.56
300.0	467.33	396.20	336.34	285.23	241.49	203.97	175.04	149.25	127.77
330.0	454.13	385.61	328.13	282.39	240.50	205.73	176.57	152.40	131.14
360.0	440.78	378.16	325.14	276.95	239.88	206.35	179.87	155.78	134.75
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	117.87	101.52	88.63	77.12	67.07	58.01	50.49	44.05	37.91
30.0	120.86	104.21	89.86	77.50	67.45	58.40	50.49	43.97	37.91
60.0	110.66	95.08	82.26	70.98	61.16	53.18	46.04	39.83	34.38
90.0	106.05	90.93	78.89	68.22	59.01	51.49	44.74	39.06	33.84
120.0	105.74	91.55	78.73	67.99	58.78	50.88	44.35	38.45	33.53
150.0	111.19	95.62	83.18	71.75	62.08	53.79	47.04	40.67	35.45
180.0	96.38	84.95	72.21	61.24	53.26	46.73	41.59	35.68	29.77
210.0	107.05	91.93	79.96	69.22	59.63	51.72	45.20	39.06	34.07
240.0	105.90	90.86	77.89	67.84	58.55	50.88	44.20	38.22	33.07
270.0	101.52	87.17	75.20	65.07	56.10	49.04	42.67	36.83	32.23
300.0	109.50	93.93	80.96	69.83	60.32	52.03	45.28	39.21	33.99
330.0	112.96	97.76	84.26	72.90	62.69	54.64	47.27	41.05	35.38
360.0	117.87	101.52	88.63	77.12	67.07	58.01	50.49	44.05	37.91
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	32.77	28.09	24.33	20.26	17.19	14.58	12.35	10.05	8.13
30.0	32.77	28.39	24.40	20.87	18.11	15.35	12.82	10.74	8.67
60.0	29.85	25.71	21.95	18.95	16.19	13.81	11.59	9.90	8.21
90.0	29.31	25.32	22.10	19.03	16.42	14.20	11.97	10.05	8.29
120.0	29.01	24.94	21.41	18.49	15.81	13.43	11.59	9.67	8.13
150.0	30.77	26.47	22.94	19.88	17.11	14.58	12.51	10.44	8.59
180.0	25.40	22.71	19.57	15.81	12.82	11.59	10.82	9.36	8.06
210.0	29.54	25.32	21.87	18.80	16.11	13.81	11.82	9.67	7.90
240.0	28.85	24.86	21.18	18.34	15.65	13.43	11.28	9.59	7.98
270.0	27.93	24.02	20.80	18.11	15.50	13.35	11.36	9.29	7.67
300.0	29.47	25.25	21.72	18.49	15.96	13.51	11.51	9.67	7.90
330.0	30.62	26.40	22.71	19.49	16.58	14.20	11.89	9.67	7.98
360.0	32.77	28.09	24.33	20.26	17.19	14.58	12.35	10.05	8.13

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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	6.75	5.45	4.22	3.30	2.38	1.61	0.84	0.31	0.00
30.0	7.14	5.60	4.53	3.53	2.69	1.76	1.07	0.46	0.08
60.0	6.91	5.68	4.45	3.38	2.53	1.84	1.07	0.31	0.08
90.0	6.83	5.45	4.37	3.45	2.61	1.76	1.07	0.38	0.15
120.0	6.83	5.60	4.45	3.38	2.46	1.76	1.00	0.31	0.08
150.0	7.06	5.53	4.30	3.30	2.53	1.69	1.00	0.46	0.08
180.0	6.75	5.53	4.53	3.30	2.53	1.76	1.07	0.38	0.23
210.0	6.45	5.06	3.91	3.07	2.23	1.53	0.92	0.23	0.08
240.0	6.60	5.60	4.30	3.22	2.46	1.69	1.07	0.31	0.08
270.0	6.14	4.91	3.84	3.15	2.23	1.61	0.84	0.31	0.00
300.0	6.68	5.45	4.22	3.30	2.46	1.69	0.92	0.23	0.08
330.0	6.45	5.06	3.99	3.15	2.23	1.46	0.84	0.23	0.08
360.0	6.75	5.45	4.22	3.30	2.38	1.61	0.84	0.31	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	0.08
210.0	0.00
240.0	0.00
270.0	0.00
300.0	0.00
330.0	0.00
360.0	0.00