

浙大三色

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ROLED

灯具名称: 投光灯

灯具描述: F2013B-9-36DC (20-OL-9WN-AA, CT)

报告编号:

电压(V): 35.9000

测试编号: 20210314008

电流(A): 0.5380

光源规格型号: OL

功率(W): 19.3000

每个光源光通量(lm)

功率因数: 1.0350

光源数量: 9

镇流器型号:

发光面长度(mm): 100

发光面宽度(mm): 100

测试模式: C

发光面高度(mm): 0

光度结果

灯具光通量(lm): 1712.31

灯具效能(lm/w): 88.72

中心光强(cd): 7692.177

最大光强(cd): 7793.471

最大光强角度: $C=30.0$ $\gamma=0.0$

半峰边角(50%Imax): [C0/180]Total=20.8

[C90/270]Total=21.2

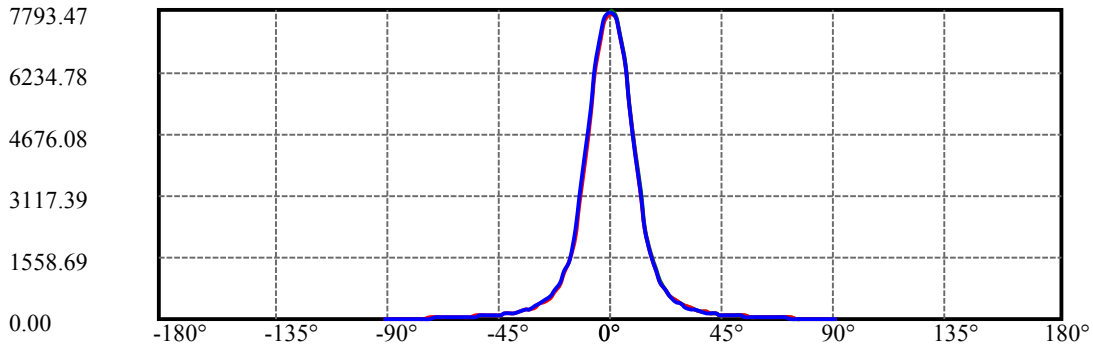
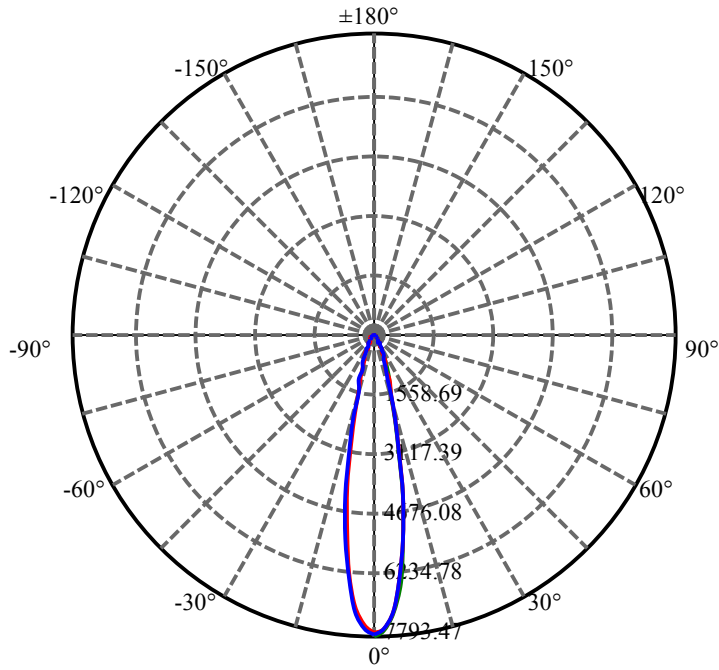
光束扩散角(10%Imax): [C0/180]Total=42.9

[C90/270]Total=42.9

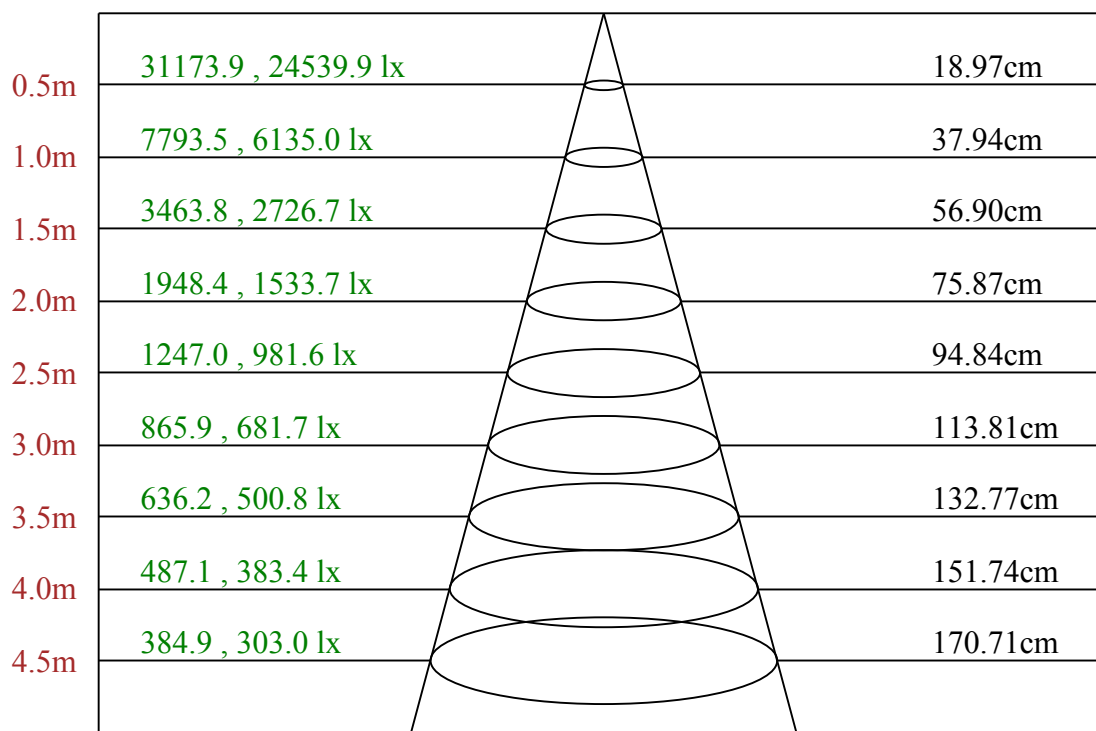
测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/3/14
环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

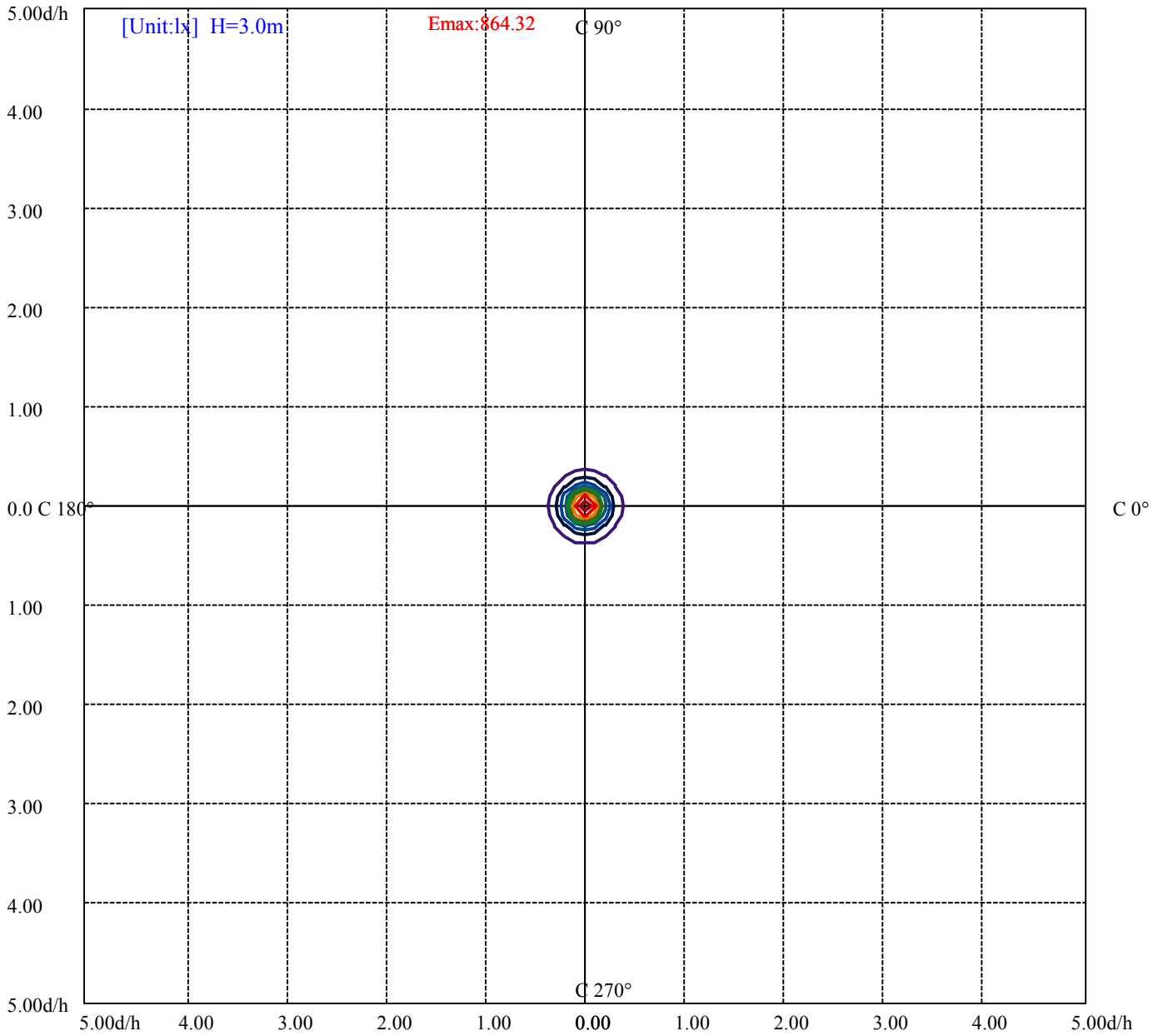


C30(Max): ————
C0/C180: ————
C90/C270: ————



Max , Ave C30面光束角21.48

ROLED 投光灯
平面等照度曲线



- (10%Emax) 86.432
- (20%Emax) 172.8644
- (30%Emax) 259.2955
- (40%Emax) 345.7278
- (50%Emax) 432.16
- (60%Emax) 518.5922
- (70%Emax) 605.0233
- (80%Emax) 691.4556
- (90%Emax) 777.8878

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测试距离(m): 8.76

ROLED 投光灯

灯具的亮度限制曲线(灯具无发光侧边)

亮度值表

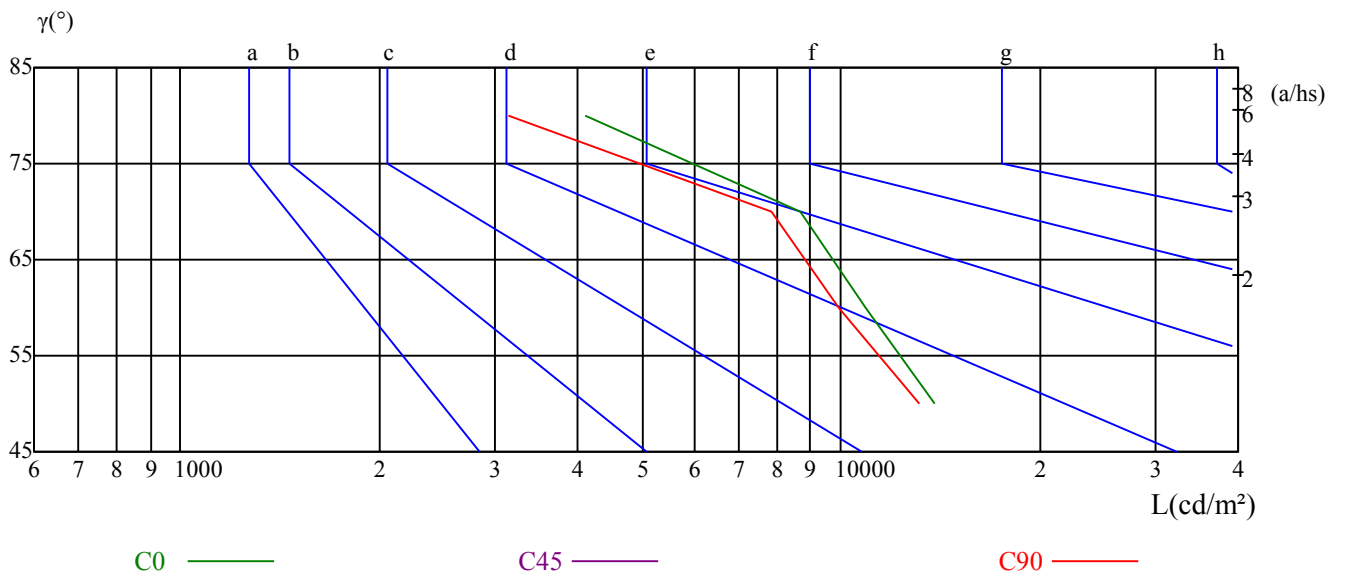
γ	45	50	55	60	65	70	75	80	85
C0	0	13920	0	10927	0	8683	0	4110	0
C45	0	0	0	0	0	0	0	0	0
C90	0	13192	0	9945	0	7853	0	3138	0

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	14.33	15.39	14.69	15.70	16.01	14.59	15.65	14.96	15.96	16.28
	3H	15.52	16.45	15.90	16.79	17.16	15.78	16.72	16.17	17.05	17.42
	4H	15.88	16.74	16.28	17.10	17.49	16.14	17.01	16.55	17.36	17.75
	6H	15.98	16.77	16.40	17.15	17.54	16.24	17.03	16.66	17.41	17.80
	8H	15.96	16.71	16.40	17.10	17.51	16.21	16.96	16.65	17.35	17.76
	12H	15.93	16.64	16.36	17.02	17.45	16.18	16.89	16.61	17.27	17.70
4H	2H	14.76	15.63	15.17	15.98	16.37	14.98	15.84	15.38	16.20	16.58
	3H	16.16	16.87	16.57	17.27	17.68	16.34	17.05	16.75	17.45	17.86
	4H	16.59	17.23	17.03	17.65	18.10	16.77	17.41	17.21	17.83	18.28
	6H	16.72	17.26	17.19	17.71	18.18	16.89	17.43	17.36	17.88	18.36
	8H	16.70	17.20	17.17	17.65	18.12	16.87	17.37	17.34	17.82	18.29
	12H	16.66	17.10	17.15	17.58	18.06	16.83	17.26	17.32	17.75	18.23
8H	4H	16.68	17.18	17.15	17.63	18.11	16.85	17.35	17.32	17.80	18.28
	6H	16.83	17.23	17.34	17.73	18.22	17.00	17.40	17.50	17.90	18.38
	8H	16.82	17.18	17.35	17.70	18.20	16.98	17.34	17.51	17.86	18.36
	12H	17.46	17.76	17.98	18.26	18.84	17.62	17.92	18.14	18.42	19.00
12H	4H	16.63	17.07	17.12	17.56	18.03	16.80	17.24	17.29	17.73	18.20
	6H	17.11	17.15	17.33	17.62	18.17	17.28	17.31	17.49	17.78	18.33
	8H	16.80	17.11	17.32	17.61	18.19	16.96	17.27	17.48	17.77	18.34
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	1.1/-1.3					1.1/-1.2					
S = 2.0H	2.9/-1.9					2.8/-1.7					
标准表格	BK2					BK2					
更正系数	0.4					0.8					

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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	7692.18	7587.81	7155.01	6410.66	5380.07	4205.99	3088.69	2272.97	1639.12
30.0	7793.47	7661.48	7211.03	6441.35	5400.79	4242.82	3220.68	2321.31	1688.23
60.0	7764.31	7583.98	7036.07	6251.81	5144.49	4024.12	2962.84	2114.12	1520.25
90.0	7743.59	7613.14	7141.20	6378.43	5350.91	4186.04	3160.82	2259.92	1636.81
120.0	7718.27	7524.12	7008.45	6225.72	5113.03	3977.31	2907.59	2058.10	1497.38
150.0	7709.83	7560.96	7128.92	6382.27	5406.16	4182.20	3151.61	2246.88	1621.47
180.0	7692.18	7517.98	7014.58	6201.93	5159.07	3974.24	2903.75	2092.63	1519.33
210.0	7793.47	7633.86	7173.43	6372.29	5327.89	4147.67	3124.76	2247.64	1516.80
240.0	7764.31	7659.18	7263.98	6491.23	5459.88	4334.91	3188.45	2310.57	1666.74
270.0	7743.59	7599.32	7145.04	6350.04	5308.71	4198.31	3120.15	2252.25	1523.78
300.0	7718.27	7619.28	7213.33	6435.22	5407.70	4290.40	3159.29	2288.32	1650.63
330.0	7709.83	7557.89	7100.53	6291.72	5247.32	4083.21	3078.71	2224.62	1527.23
360.0	7692.18	7587.81	7155.01	6410.66	5380.07	4205.99	3088.69	2272.97	1639.12
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	1209.38	943.11	735.91	580.90	471.17	389.83	320.84	271.04	229.37
30.0	1246.22	946.17	736.68	590.11	474.24	389.83	323.22	269.81	230.06
60.0	1174.32	899.98	704.83	565.94	456.90	377.55	311.71	259.76	220.08
90.0	1204.01	911.64	705.99	565.56	454.29	389.83	310.33	258.68	220.31
120.0	1139.17	873.27	682.81	547.98	442.62	366.19	300.27	253.31	215.17
150.0	1193.27	906.27	713.66	564.79	454.29	390.59	311.71	260.60	222.85
180.0	1153.29	883.33	692.33	550.98	450.68	369.11	305.65	257.99	219.24
210.0	1212.07	928.29	732.23	581.13	470.32	383.30	320.53	268.43	228.98
240.0	1248.52	961.52	752.03	599.32	486.52	397.50	330.51	276.87	233.82
270.0	1217.06	930.21	731.77	578.83	467.56	380.54	317.92	265.74	223.46
300.0	1238.54	953.85	754.33	594.72	481.14	393.66	326.98	273.26	230.29
330.0	1201.25	920.08	725.17	575.30	465.72	379.62	317.31	265.82	224.53
360.0	1209.38	943.11	735.91	580.90	471.17	389.83	320.84	271.04	229.37
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	196.22	170.82	149.72	133.52	119.63	108.12	97.92	89.48	82.03
30.0	197.91	171.82	150.64	134.37	120.02	108.51	99.38	91.09	83.80
60.0	189.16	165.14	144.88	129.07	115.26	104.52	95.38	87.94	81.19
90.0	189.00	163.68	143.19	127.23	113.34	101.83	92.85	84.80	77.12
120.0	186.47	162.22	142.42	127.08	113.80	102.98	94.08	87.02	80.42
150.0	192.00	167.29	148.03	131.22	117.49	106.28	97.46	89.55	82.65
180.0	188.93	164.60	145.72	129.61	115.95	105.13	95.54	87.40	80.11
210.0	197.29	171.97	150.56	134.60	120.55	108.74	99.68	91.39	84.10
240.0	201.05	174.73	152.86	135.60	120.94	108.81	98.99	91.16	83.87
270.0	193.00	167.13	146.57	129.15	114.95	103.06	93.31	85.41	77.74
300.0	197.52	171.20	149.33	131.60	118.25	106.28	96.54	89.17	82.11
330.0	194.76	169.36	148.41	131.60	118.64	107.13	97.99	90.47	83.34
360.0	196.22	170.82	149.72	133.52	119.63	108.12	97.92	89.48	82.03
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	75.13	67.99	60.93	54.64	48.96	44.12	38.68	34.22	29.70
30.0	77.50	71.90	65.92	59.55	53.49	47.04	41.75	36.30	31.08
60.0	75.20	69.75	63.69	57.48	50.95	44.97	39.75	34.69	29.39
90.0	69.75	62.85	55.86	49.73	44.89	39.90	35.38	30.54	26.86
120.0	74.51	68.99	63.00	56.79	50.26	44.51	39.29	34.46	29.08
150.0	76.74	71.21	65.38	59.47	52.10	41.52	34.69	28.01	23.10
180.0	73.36	66.15	59.55	53.10	47.81	42.59	37.91	32.92	28.70
210.0	78.12	72.06	65.84	59.39	53.03	46.43	41.36	36.07	30.39
240.0	77.50	72.06	66.07	60.01	53.64	47.19	41.36	36.45	31.16
270.0	70.98	63.77	56.63	50.11	44.97	39.98	35.30	31.16	27.09
300.0	75.82	70.21	64.38	58.32	52.49	46.04	40.36	35.61	30.85
330.0	77.50	71.90	65.92	59.86	53.72	47.19	41.59	36.60	31.16
360.0	75.13	67.99	60.93	54.64	48.96	44.12	38.68	34.22	29.70

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	25.86	21.79	15.50	10.74	7.14	1.61	1.00	0.69	0.38
30.0	25.78	21.33	15.96	10.05	6.06	2.61	0.84	0.61	0.31
60.0	24.33	19.80	14.58	8.75	5.29	1.84	0.84	0.54	0.31
90.0	23.56	19.57	13.35	8.82	5.45	1.07	0.84	0.54	0.23
120.0	24.17	19.72	14.20	8.52	5.14	1.69	0.84	0.54	0.23
150.0	17.80	16.88	14.81	9.52	5.91	2.38	0.84	0.54	0.31
180.0	24.86	20.49	14.04	9.29	4.53	1.00	0.77	0.46	0.15
210.0	25.48	20.87	15.58	9.75	5.91	2.61	0.84	0.61	0.31
240.0	25.63	21.10	16.35	10.67	6.14	3.76	1.00	0.69	0.31
270.0	24.10	20.26	14.50	9.59	6.83	1.53	1.00	0.69	0.31
300.0	25.94	21.87	17.04	11.13	6.68	3.99	1.00	0.69	0.38
330.0	26.01	20.80	16.04	10.44	6.14	3.22	0.92	0.69	0.38
360.0	25.86	21.79	15.50	10.74	7.14	1.61	1.00	0.69	0.38
C/γ(°)	90.0								
0.0	0.08								
30.0	0.00								
60.0	0.08								
90.0	0.00								
120.0	0.15								
150.0	0.00								
180.0	0.00								
210.0	0.08								
240.0	0.08								
270.0	0.08								
300.0	0.08								
330.0	0.08								
360.0	0.08								