

浙大三色

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ROLED

灯具名称: 投光灯

灯具描述: F3053A-36-36DC (30-OL-36WN-AA, P1)

报告编号:

电压(V): 36.0000

测试编号: 20210327007

电流(A): 1.0020

光源规格型号: OL

功率(W): 36.0000

每个光源光通量(lm)

功率因数: 1.0360

光源数量: 36

镇流器型号:

发光面长度(mm): 980

发光面宽度(mm): 38

测试模式: C

发光面高度(mm): 0

光度结果

灯具光通量(lm): 3689.03

灯具效能(lm/w): 102.47

中心光强(cd): 10170.030

最大光强(cd): 10293.580

最大光强角度: C=90.0 $\gamma=2.0$

半峰边角(50%Imax): [C0/180]Total=29.1

[C90/270]Total=28.9

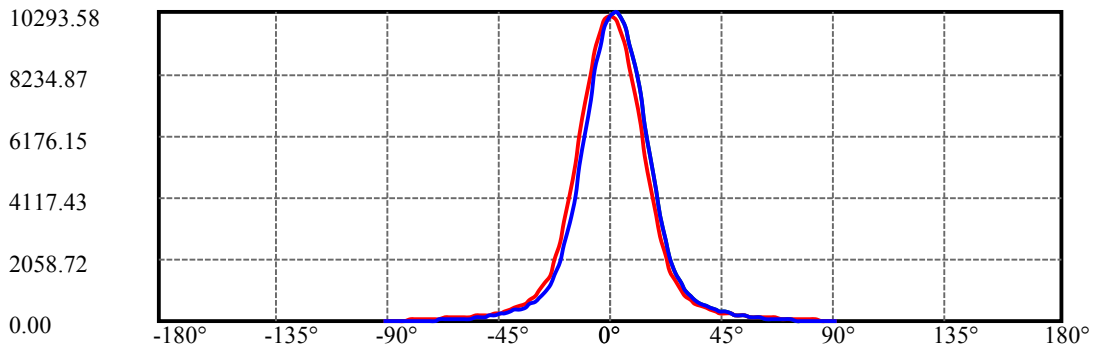
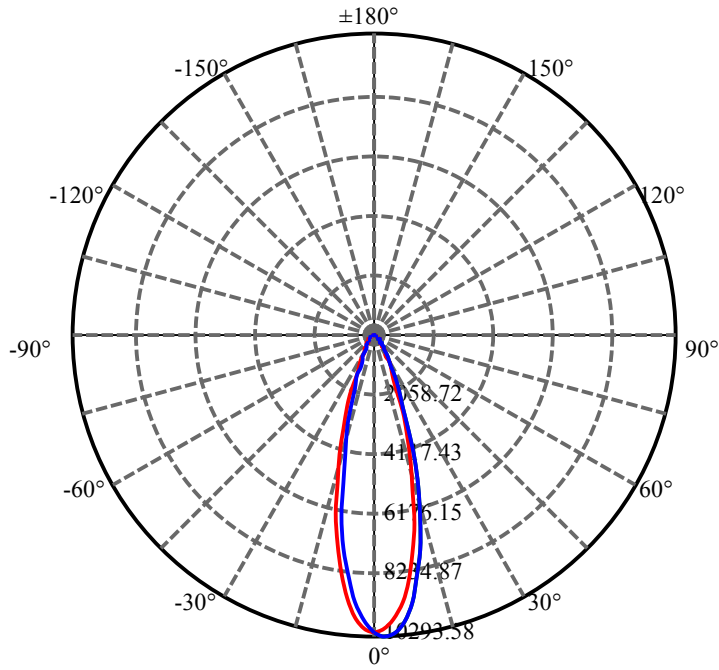
光束扩散角(10%Imax): [C0/180]Total=56.2

[C90/270]Total=55.7

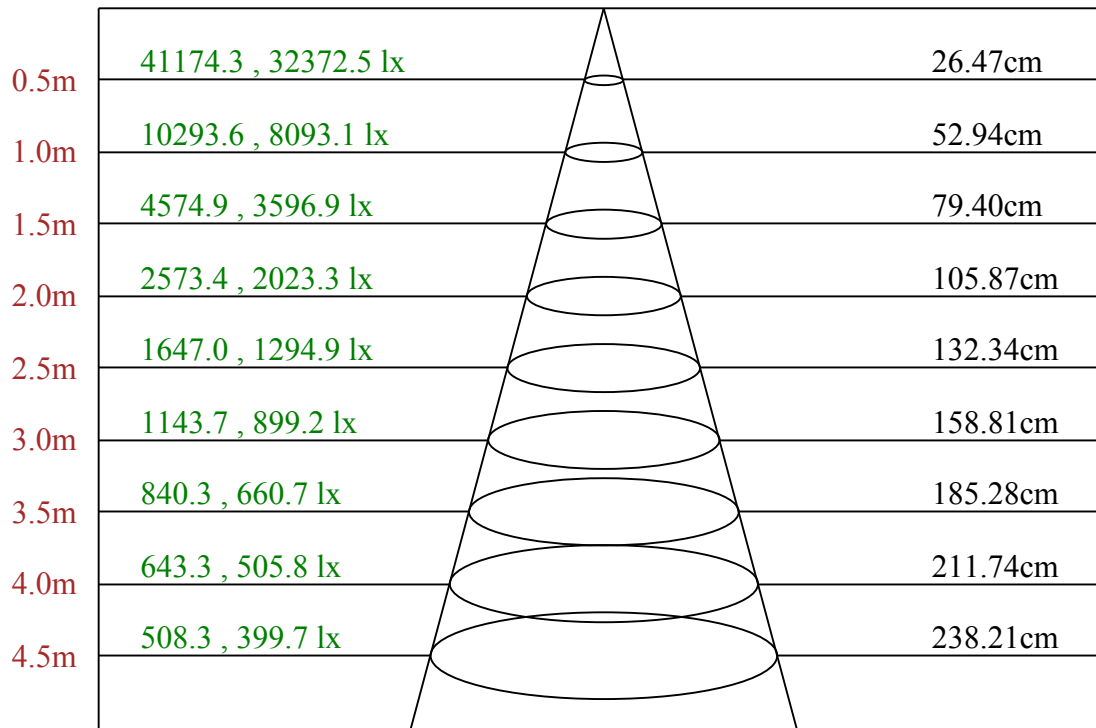
测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/3/27
环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

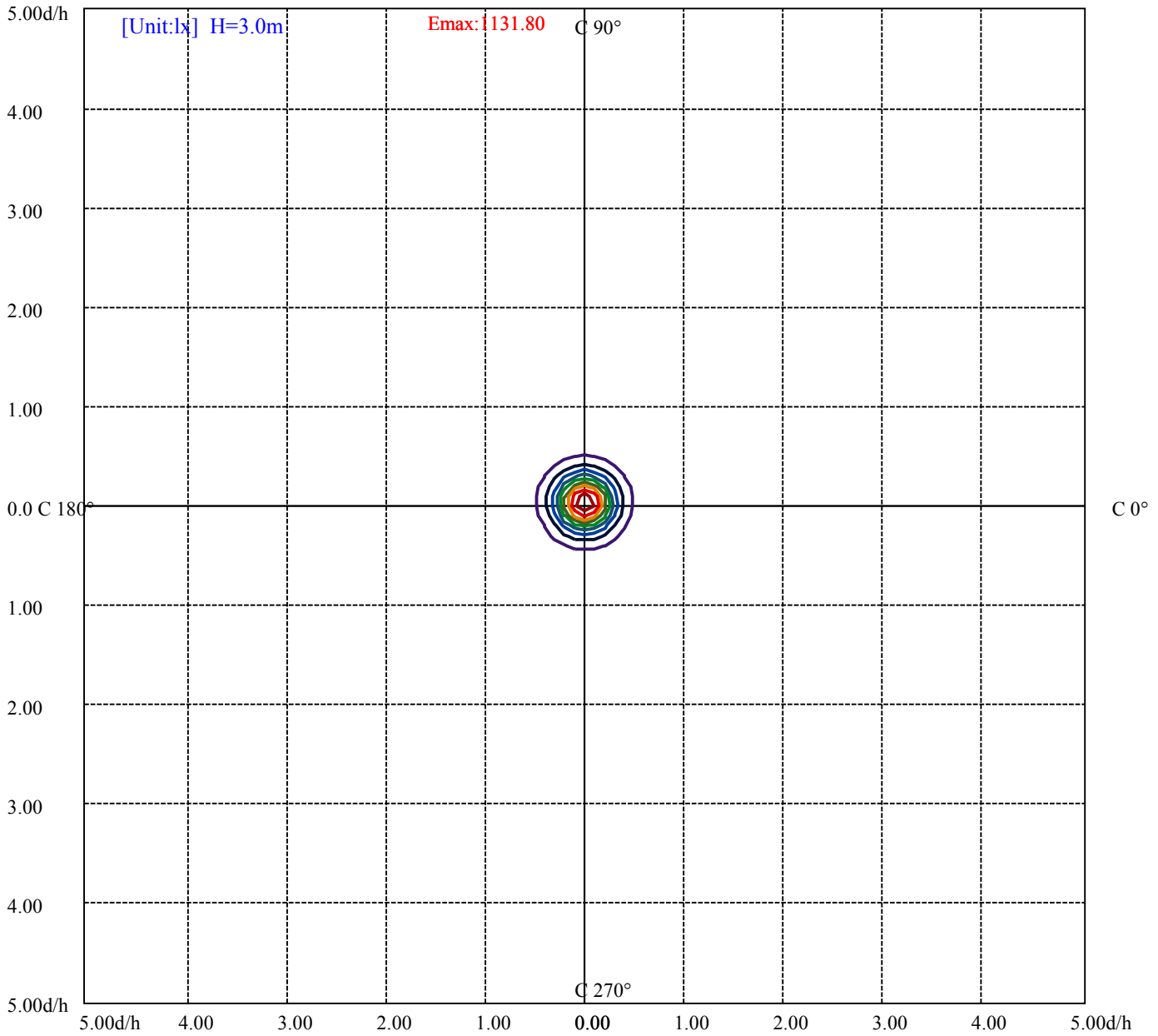


C90(Max): —
C0/C180: —
C90/C270: —



Max , Ave C90面光束角29.60

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平面等照度曲线



(10%Emax) 113.18	—
(20%Emax) 226.3589	—
(30%Emax) 339.5389	—
(40%Emax) 452.7178	—
(50%Emax) 565.8978	—
(60%Emax) 679.0767	—
(70%Emax) 792.2567	—
(80%Emax) 905.4355	—
(90%Emax) 1018.616	—

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灯具的亮度限制曲线(灯具无发光侧边)

亮度值表

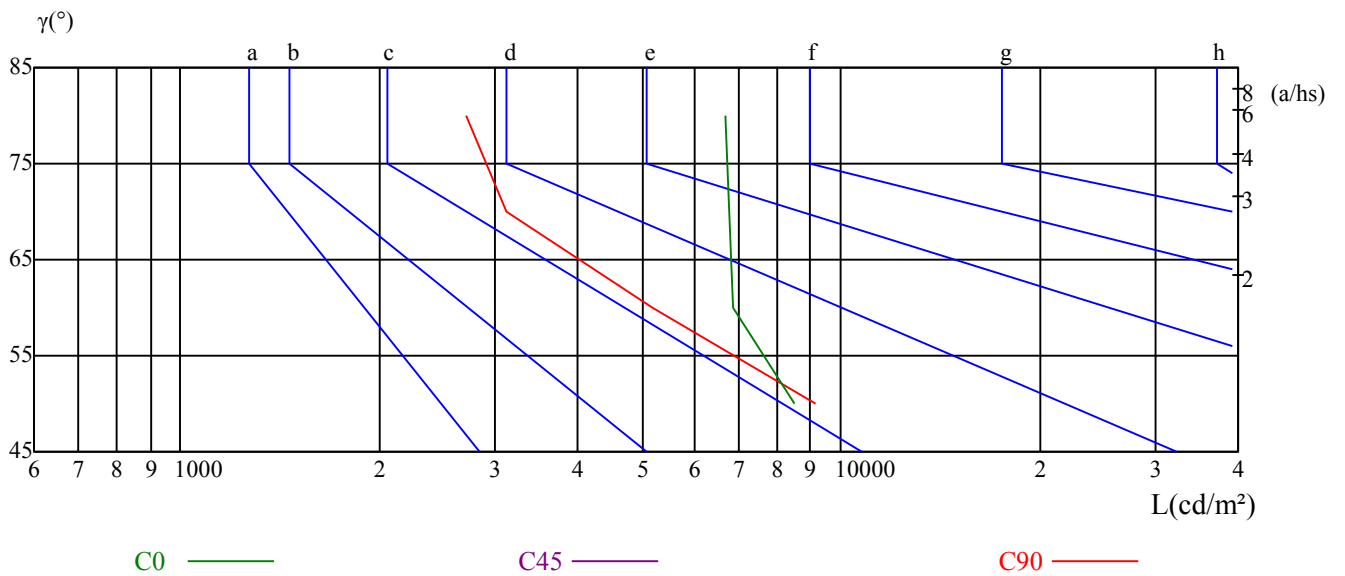
γ	45	50	55	60	65	70	75	80	85
C0	0	8486	0	6874	0	6802	0	6669	0
C45	0	0	0	0	0	0	0	0	0
C90	0	9194	0	5172	0	3115	0	2706	0

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	8.61	9.68	8.98	10.00	10.31	10.45	11.52	10.81	11.83	12.15
	3H	9.24	10.19	9.62	10.52	10.89	12.12	13.07	12.51	13.40	13.77
	4H	9.48	10.35	9.88	10.71	11.10	12.76	13.64	13.17	14.00	14.38
	6H	9.63	10.43	10.05	10.81	11.20	13.26	14.06	13.67	14.43	14.83
	8H	9.67	10.43	10.10	10.82	11.23	13.42	14.18	13.86	14.57	14.98
	12H	9.74	10.47	10.18	10.85	11.28	13.62	14.34	14.05	14.73	15.16
4H	2H	9.20	10.08	9.60	10.43	10.82	10.70	11.58	11.11	11.93	12.32
	3H	9.89	10.61	10.31	11.02	11.43	12.60	13.32	13.02	13.73	14.14
	4H	10.17	10.82	10.61	11.24	11.69	13.28	13.92	13.72	14.35	14.79
	6H	10.34	10.89	10.81	11.34	11.81	13.76	14.31	14.23	14.76	15.23
	8H	10.40	10.91	10.88	11.36	11.84	13.96	14.47	14.43	14.92	15.39
	12H	10.49	10.94	10.98	11.42	11.90	14.17	14.61	14.66	15.10	15.58
8H	4H	10.38	10.89	10.86	11.34	11.82	13.23	13.74	13.70	14.19	14.66
	6H	10.60	11.01	11.11	11.51	11.99	13.73	14.14	14.24	14.64	15.12
	8H	10.70	11.06	11.23	11.58	12.08	13.96	14.32	14.49	14.84	15.34
	12H	11.34	11.65	11.86	12.15	12.73	14.76	15.07	15.28	15.57	16.15
12H	4H	10.36	10.81	10.85	11.29	11.77	13.18	13.62	13.67	14.11	14.59
	6H	10.93	10.96	11.13	11.43	11.97	14.02	14.04	14.21	14.51	15.06
	8H	10.73	11.04	11.25	11.54	12.12	13.93	14.24	14.45	14.74	15.32
对应照射距离，改变观察者位置S											
S = 1.0H	1.0/-1.3					0.5/-0.7					
S = 1.5H	2.2/-2.2					1.2/-1.2					
S = 2.0H	4.3/-2.8					2.3/-1.2					
标准表格	BK2					BK2					
更正系数	-0.8					0.4					

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光强数据表(cd)

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C/γ(°)	0.0	2.0	4.0	6.0	8.0	10.0	12.0	14.0	16.0
0.0	10170.03	10052.63	9709.61	9153.26	8458.79	7536.40	6539.58	5501.32	4470.73
30.0	10176.17	10193.06	9959.01	9544.62	8909.24	8111.93	7125.85	6056.13	4971.83
60.0	10196.12	10253.68	10064.14	9681.98	9065.01	8241.62	7321.53	6234.93	5202.81
90.0	10151.62	10293.58	10174.64	9807.07	9231.53	8478.74	7528.73	6518.86	5418.44
120.0	10176.17	10260.58	10071.04	9641.31	9014.37	8171.02	7252.47	6182.75	5118.40
150.0	10156.99	10186.92	9960.54	9479.40	8823.29	7947.71	6953.19	5896.52	4892.79
180.0	10170.03	10042.65	9649.75	9028.95	8237.78	7263.98	6233.40	5220.46	4222.10
210.0	10176.17	9914.50	9386.54	8655.23	7733.62	6718.38	5642.52	4599.65	3677.27
240.0	10196.12	9856.94	9322.08	8530.15	7637.69	6574.11	5465.25	4491.45	3500.77
270.0	10151.62	9756.42	9133.31	8345.98	7355.30	6240.30	5154.46	4177.59	3254.44
300.0	10176.17	9866.92	9331.29	8566.99	7697.55	6640.10	5538.15	4520.61	3623.55
330.0	10156.99	9881.50	9386.54	8741.18	7875.58	6843.46	5832.06	4785.36	3846.86
360.0	10170.03	10052.63	9709.61	9153.26	8458.79	7536.40	6539.58	5501.32	4470.73
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	3534.53	2797.85	2152.49	1659.83	1319.89	1047.47	844.88	696.78	584.74
30.0	4031.03	3160.05	2434.88	1905.39	1479.50	1179.46	936.20	770.45	636.15
60.0	4144.60	3285.14	2536.18	1957.58	1526.46	1220.51	994.06	811.42	673.14
90.0	4377.88	3493.10	2700.40	2081.89	1612.26	1280.75	1025.98	833.37	693.71
120.0	4136.16	3292.04	2549.22	1974.46	1522.86	1234.25	1006.41	812.88	680.59
150.0	3928.97	3085.62	2414.93	1868.56	1456.48	1161.81	936.20	763.54	632.32
180.0	3345.76	2590.66	2021.27	1520.94	1254.12	1001.66	815.64	672.68	568.78
210.0	2874.59	2218.48	1705.88	1361.40	1082.46	879.57	723.41	603.46	513.22
240.0	2740.30	2118.73	1656.00	1293.03	1039.03	851.79	699.85	588.58	501.10
270.0	2544.62	1956.04	1513.96	1196.72	971.19	786.79	652.73	553.20	469.94
300.0	2808.60	2202.37	1699.74	1327.56	1065.12	861.00	715.96	600.09	512.61
330.0	3016.56	2333.59	1790.29	1425.40	1129.73	904.74	748.65	621.73	526.88
360.0	3534.53	2797.85	2152.49	1659.83	1319.89	1047.47	844.88	696.78	584.74
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	493.42	427.43	388.29	323.30	284.77	251.55	225.76	203.12	184.17
30.0	541.00	461.19	399.04	352.38	310.56	275.49	247.17	224.46	204.12
60.0	568.47	490.20	424.28	370.87	327.75	289.76	258.22	230.60	206.65
90.0	580.90	494.96	425.89	388.29	326.90	287.92	252.54	220.08	189.39
120.0	574.38	495.11	428.04	373.33	329.36	290.61	258.45	230.29	206.04
150.0	537.93	458.89	400.57	351.30	309.56	274.95	248.02	224.15	203.82
180.0	483.98	416.38	364.12	318.61	282.24	248.86	223.77	201.28	182.10
210.0	441.93	384.61	336.57	299.89	267.51	241.19	218.86	199.36	181.94
240.0	433.57	388.29	335.42	295.90	263.67	234.13	209.49	185.17	160.84
270.0	408.93	356.14	310.79	272.88	238.50	207.58	177.65	150.79	124.08
300.0	439.71	388.29	335.88	297.51	264.44	234.28	209.11	184.40	161.15
330.0	448.53	391.44	341.48	303.57	269.89	241.42	218.63	199.98	182.18
360.0	493.42	427.43	388.29	323.30	284.77	251.55	225.76	203.12	184.17
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	167.06	152.40	138.97	128.00	117.95	109.27	101.45	94.16	86.64
30.0	186.47	171.66	157.62	145.03	133.60	122.63	111.65	101.37	90.01
60.0	182.79	160.77	137.67	115.41	96.08	82.19	70.29	58.09	46.89
90.0	161.15	133.22	110.89	96.31	84.72	73.59	61.93	50.42	39.67
120.0	181.79	158.08	135.98	113.80	94.46	79.96	68.76	57.02	45.89
150.0	187.09	171.43	157.93	144.57	133.68	122.01	111.19	100.30	89.17
180.0	166.14	151.33	138.74	126.54	116.79	107.89	100.45	93.24	85.87
210.0	167.67	154.01	141.50	130.30	118.56	106.97	95.77	85.03	70.06
240.0	138.82	117.18	97.30	82.65	72.06	60.55	50.03	38.37	28.09
270.0	104.59	90.93	80.42	69.45	58.86	47.50	37.52	32.08	30.16
300.0	136.75	115.95	96.23	82.34	71.06	59.63	48.96	37.60	27.70
330.0	167.13	154.01	141.58	129.76	118.48	106.67	95.62	84.26	70.45
360.0	167.06	152.40	138.97	128.00	117.95	109.27	101.45	94.16	86.64

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	79.27	71.67	62.31	52.80	43.13	32.92	22.64	12.12	4.07
30.0	77.12	58.55	38.45	25.86	14.89	10.97	8.29	4.37	3.22
60.0	34.07	26.78	24.10	22.25	16.42	10.97	7.83	7.06	4.53
90.0	33.61	31.46	30.00	24.25	17.50	11.82	10.21	8.90	5.83
120.0	33.84	26.78	24.17	22.25	16.42	11.13	7.83	7.06	4.60
150.0	77.12	57.40	37.75	25.40	14.81	10.82	8.21	4.30	3.22
180.0	78.73	70.52	61.16	51.03	41.75	31.54	21.41	11.28	3.68
210.0	48.19	34.53	22.94	13.58	10.90	8.36	4.68	3.38	1.30
240.0	24.94	23.02	20.41	14.43	9.90	7.90	6.68	3.84	0.54
270.0	29.16	25.32	18.72	13.35	10.74	9.75	7.14	3.45	0.15
300.0	24.71	22.87	20.18	14.35	9.82	7.83	6.68	3.84	0.61
330.0	47.27	34.76	22.87	13.35	10.74	8.36	4.45	3.38	1.46
360.0	79.27	71.67	62.31	52.80	43.13	32.92	22.64	12.12	4.07
C/γ(°)	90.0								
0.0	0.23								
30.0	1.15								
60.0	1.76								
90.0	2.38								
120.0	1.76								
150.0	1.15								
180.0	0.23								
210.0	0.23								
240.0	0.15								
270.0	0.08								
300.0	0.15								
330.0	0.15								
360.0	0.23								