

浙大三色

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ROLED

灯具名称: 投光灯

灯具描述: F3072A-48-UN(2515-OL-48WN-AA, L450mm, C, CT)

报告编号:

电压(V): 220.5000

测试编号: 20210330007

电流(A): 0.2650

光源规格型号: OL

功率(W): 53.5000

每个光源光通量(lm)

功率因数: 0.9160

光源数量: 48

镇流器型号:

发光面长度(mm): 390

发光面宽度(mm): 103

测试模式: C

发光面高度(mm): 0

光度结果

灯具光通量(lm): 5067.25

灯具效能(lm/w): 94.71

中心光强(cd): 27349.280

最大光强(cd): 27679.250

最大光强角度: C=30.0 γ =0.0

半峰边角(50%Imax): [C0/180]Total=24.9

[C90/270]Total=12.5

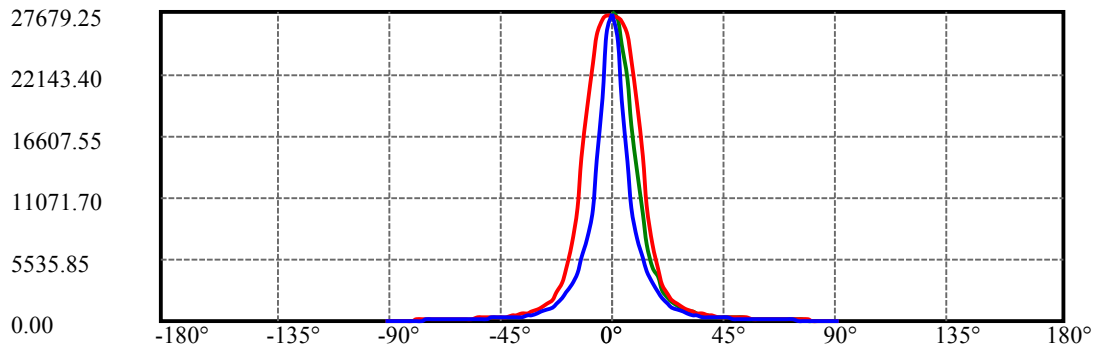
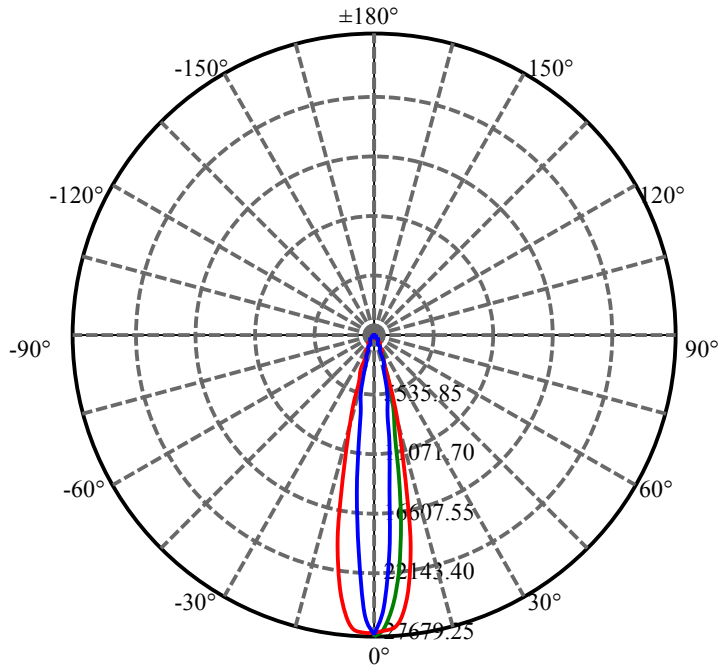
光束扩散角(10%Imax): [C0/180]Total=42.9

[C90/270]Total=35.2

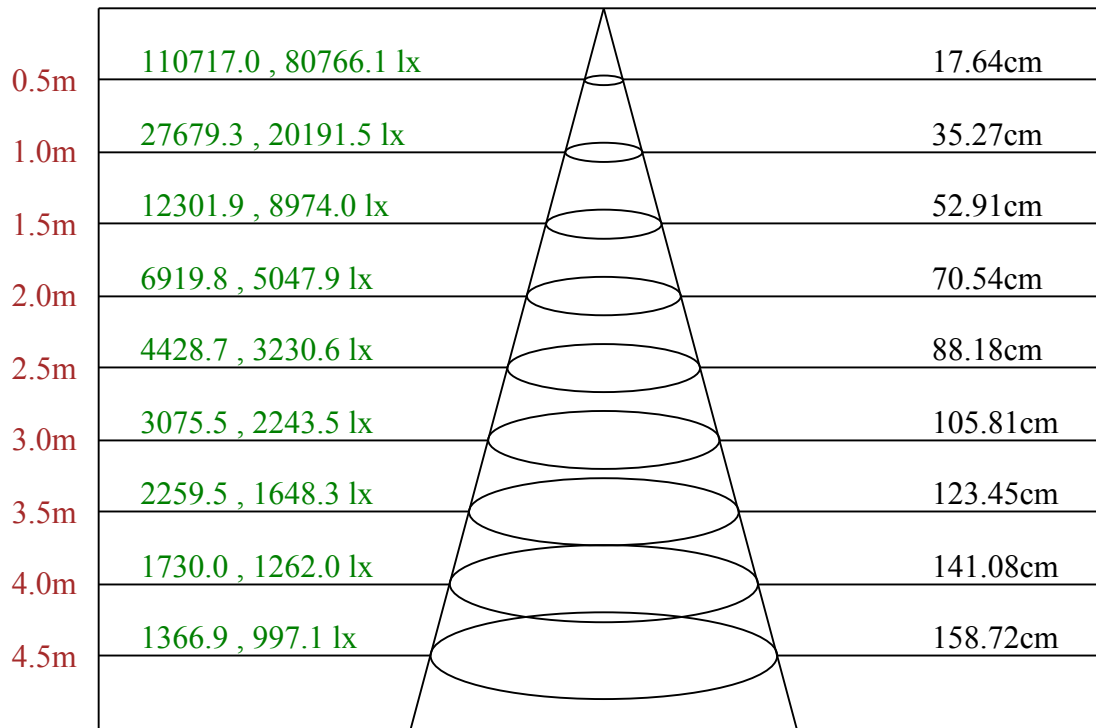
测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/3/30
环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

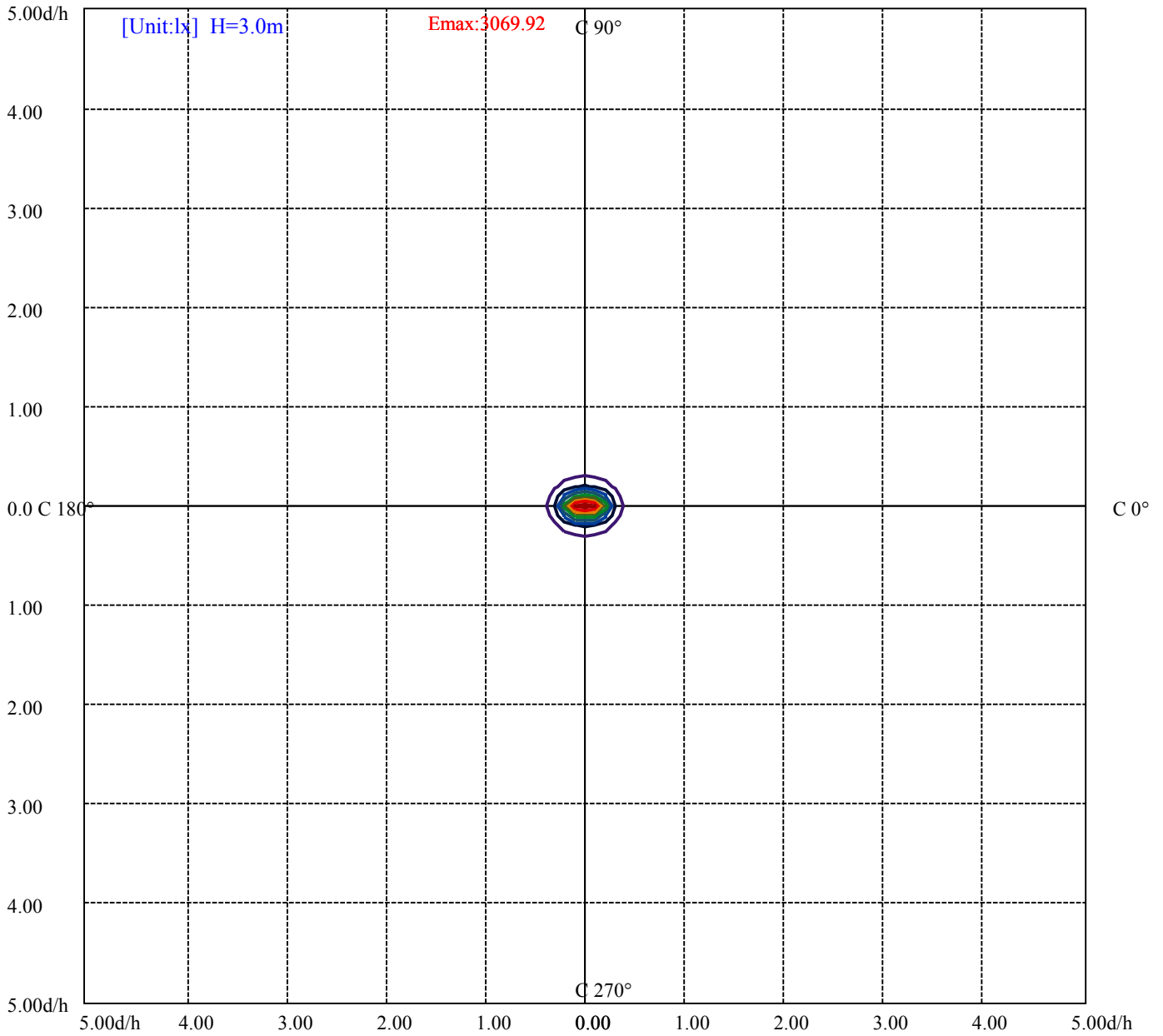


C30(Max): —
C0/C180: —
C90/C270: —



Max , Ave C30面光束角20.00

ROLED 投光灯
平面等照度曲线



- (10%Emax) 306.9911
- (20%Emax) 613.9833
- (30%Emax) 920.9744
- (40%Emax) 1227.967
- (50%Emax) 1534.956
- (60%Emax) 1841.944
- (70%Emax) 2148.944
- (80%Emax) 2455.933
- (90%Emax) 2762.922

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灯具的亮度限制曲线(灯具无发光侧边)

亮度值表

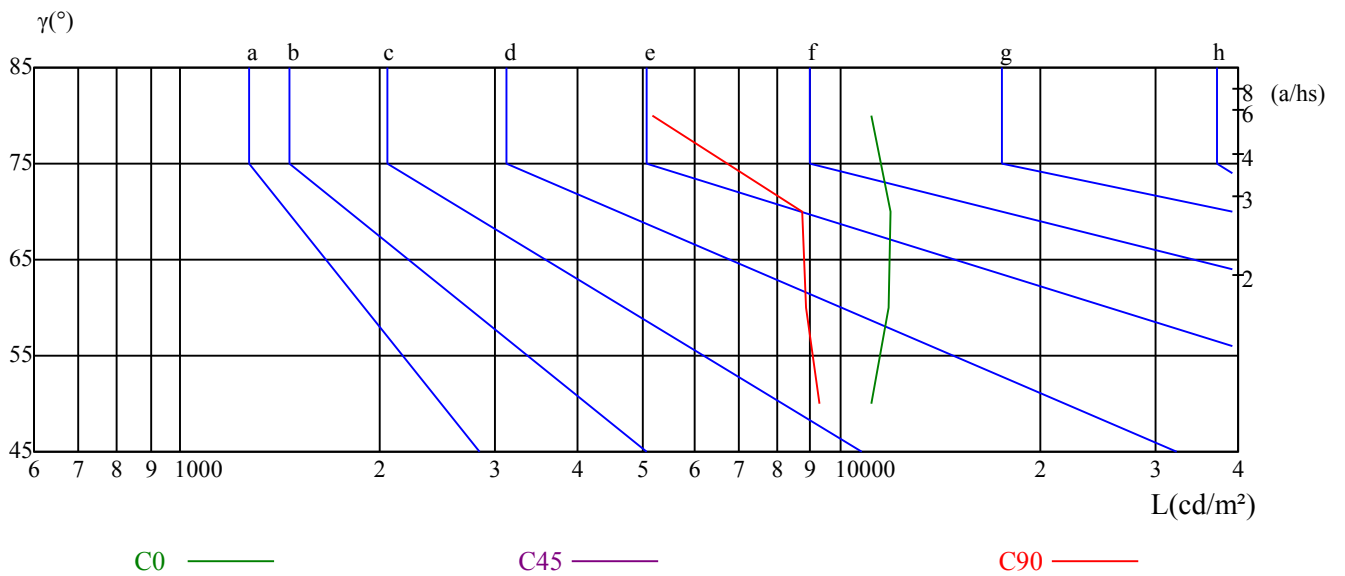
γ	45	50	55	60	65	70	75	80	85
C0	0	11163	0	11813	0	11891	0	11122	0
C45	0	0	0	0	0	0	0	0	0
C90	0	9261	0	8852	0	8747	0	5171	0

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	10.09	11.18	10.45	11.49	11.81	11.33	12.42	11.69	12.73	13.05
	3H	11.99	12.96	12.37	13.29	13.66	13.45	14.42	13.84	14.76	15.12
	4H	12.61	13.51	13.01	13.86	14.25	14.26	15.17	14.67	15.52	15.91
	6H	12.93	13.75	13.34	14.13	14.52	14.88	15.71	15.30	16.08	16.48
	8H	12.98	13.76	13.41	14.15	14.56	15.08	15.86	15.51	16.25	16.66
	12H	13.01	13.76	13.45	14.14	14.57	15.30	16.05	15.74	16.43	16.86
4H	2H	10.88	11.78	11.28	12.13	12.52	11.83	12.73	12.23	13.08	13.47
	3H	12.90	13.64	13.32	14.05	14.46	14.12	14.87	14.54	15.27	15.68
	4H	13.62	14.28	14.05	14.70	15.15	15.03	15.69	15.47	16.11	16.56
	6H	13.95	14.52	14.42	14.97	15.44	15.65	16.22	16.11	16.66	17.14
	8H	14.02	14.55	14.50	15.00	15.48	15.89	16.43	16.37	16.88	17.35
	12H	14.05	14.52	14.54	15.00	15.48	16.13	16.59	16.62	17.08	17.56
8H	4H	13.93	14.46	14.41	14.91	15.39	15.18	15.71	15.66	16.16	16.64
	6H	14.37	14.80	14.88	15.30	15.78	15.92	16.34	16.43	16.84	17.33
	8H	14.49	14.86	15.02	15.38	15.88	16.23	16.61	16.76	17.13	17.63
	12H	15.06	15.38	15.58	15.88	16.46	16.96	17.28	17.48	17.78	18.36
12H	4H	13.95	14.42	14.44	14.90	15.38	15.16	15.62	15.65	16.11	16.58
	6H	14.80	14.80	14.96	15.27	15.82	16.29	16.29	16.45	16.76	17.31
	8H	14.58	14.90	15.10	15.40	15.98	16.27	16.59	16.79	17.09	17.67
对应照射距离，改变观察者位置S											
S = 1.0H	0.3/-0.5					0.3/-0.6					
S = 1.5H	0.8/-0.7					0.8/-0.6					
S = 2.0H	1.1/-0.8					1.0/-0.6					
标准表格	BK4					BK3					
更正系数	1.8					2.8					

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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	27349.28	27241.85	26850.49	25653.38	23328.23	19399.27	14833.38	10252.14	6952.43
30.0	27679.25	26927.22	24824.61	21578.61	17511.52	13436.75	9691.96	6937.08	4895.86
60.0	27579.49	25208.30	20373.83	15173.33	11031.80	8001.43	5980.16	4568.19	3483.12
90.0	27556.47	25123.89	19836.67	14219.48	10114.02	7458.89	5678.58	4404.74	3386.43
120.0	27418.34	25070.17	20327.79	15246.23	10968.11	8137.26	6112.92	4617.30	3576.74
150.0	27426.02	26589.58	24479.29	21287.01	17281.31	13298.63	9676.61	6868.02	5003.29
180.0	27349.28	27341.61	26973.27	25691.75	23090.34	19015.58	14598.56	10173.87	6829.65
210.0	27679.25	27149.76	25177.61	22138.80	18010.31	13712.24	9842.36	6881.83	4823.73
240.0	27579.49	26436.10	22230.88	17043.42	12331.73	8809.48	6445.96	4857.49	3898.27
270.0	27556.47	25530.60	19997.82	14455.06	9997.37	7407.48	5621.80	4298.84	3324.27
300.0	27418.34	26436.10	22629.92	17158.53	12370.10	8771.11	6476.65	4865.16	3905.94
330.0	27426.02	27088.37	25453.86	22407.38	18271.22	13657.76	9901.45	6860.34	4768.47
360.0	27349.28	27241.85	26850.49	25653.38	23328.23	19399.27	14833.38	10252.14	6952.43
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	4642.62	3348.83	2474.02	1901.56	1537.05	1244.68	1022.14	854.09	722.87
30.0	3928.97	2713.44	2119.49	1675.18	1350.58	1112.70	918.55	775.82	650.73
60.0	2722.65	2074.98	1517.64	1306.92	1061.20	865.75	721.95	617.05	531.95
90.0	2638.24	2018.20	1540.89	1199.41	963.06	780.42	647.67	550.21	474.24
120.0	2760.25	2127.93	1529.84	1329.33	1063.97	873.89	726.71	615.28	529.57
150.0	3905.94	2822.41	2137.91	1698.20	1362.09	1117.30	919.32	768.14	656.11
180.0	4674.09	3368.78	2502.41	1935.32	1525.93	1262.26	1047.70	860.61	728.01
210.0	3587.48	2700.40	2071.15	1604.58	1347.44	1105.02	908.19	767.45	648.36
240.0	2850.03	2235.37	1735.80	1361.33	1095.05	900.13	745.89	633.09	547.91
270.0	2562.27	1992.88	1526.39	1190.12	949.24	778.04	646.36	551.13	475.47
300.0	2858.48	2222.32	1726.60	1372.07	1105.79	898.60	743.59	636.15	546.37
330.0	3523.79	2645.15	2051.20	1529.76	1317.20	1072.64	898.67	755.40	639.68
360.0	4642.62	3348.83	2474.02	1901.56	1537.05	1244.68	1022.14	854.09	722.87
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	613.13	531.02	466.56	412.85	370.26	334.27	309.25	288.23	271.88
30.0	562.49	486.52	429.73	388.29	346.85	318.77	295.59	277.71	264.28
60.0	465.11	411.85	371.95	338.03	311.32	288.92	270.50	253.85	239.27
90.0	421.29	388.29	346.47	319.31	297.74	275.56	256.53	239.11	224.15
120.0	465.95	412.69	370.72	338.34	310.63	289.76	270.96	255.84	241.57
150.0	562.49	486.52	425.89	387.52	345.01	316.77	293.83	276.49	263.98
180.0	618.89	537.78	469.02	413.31	367.50	333.73	307.72	286.61	271.27
210.0	560.64	486.82	426.97	383.46	346.70	317.23	295.13	278.63	264.82
240.0	478.08	424.36	388.29	347.54	319.15	296.74	277.94	262.21	247.17
270.0	422.36	381.16	347.54	322.76	300.66	280.71	261.37	244.10	229.60
300.0	477.31	423.59	387.52	346.09	319.31	295.82	277.02	262.44	248.32
330.0	554.89	482.07	424.74	377.01	343.02	314.55	292.98	276.72	263.44
360.0	613.13	531.02	466.56	412.85	370.26	334.27	309.25	288.23	271.88
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	260.52	253.85	246.17	237.27	225.07	209.49	194.68	179.72	163.37
30.0	252.93	243.41	234.36	224.15	211.64	197.45	180.26	163.68	145.19
60.0	225.30	211.95	199.29	187.24	175.27	162.53	150.02	135.52	120.63
90.0	210.72	199.44	188.70	177.80	167.13	155.85	144.11	132.45	120.17
120.0	228.68	215.71	202.59	191.15	179.26	166.67	153.48	139.28	123.93
150.0	254.00	245.79	237.66	228.45	216.02	200.52	184.48	166.75	146.88
180.0	261.83	256.07	250.01	241.11	228.75	213.48	198.29	182.64	166.21
210.0	254.39	245.71	236.58	225.99	213.02	198.83	182.48	165.52	146.11
240.0	234.05	220.93	207.58	194.45	182.25	169.90	156.47	142.50	126.46
270.0	216.55	204.12	192.76	182.10	170.51	159.61	147.95	135.52	123.55
300.0	235.35	222.92	210.64	196.68	184.02	171.59	158.23	144.88	127.61
330.0	253.92	245.02	235.89	224.99	212.26	197.22	180.87	164.22	146.26
360.0	260.52	253.85	246.17	237.27	225.07	209.49	194.68	179.72	163.37

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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	147.72	131.45	112.57	95.46	77.58	59.24	41.21	23.56	5.76
30.0	124.47	106.59	89.40	74.13	60.24	43.74	25.09	9.75	2.99
60.0	107.59	93.01	71.21	54.41	41.82	22.94	10.21	6.06	3.07
90.0	105.13	83.64	67.84	52.49	36.07	21.33	11.20	5.37	3.45
120.0	110.12	95.62	72.75	55.25	41.67	23.02	10.05	5.22	2.99
150.0	125.24	108.12	90.24	74.51	60.32	41.52	23.94	8.67	2.30
180.0	150.33	131.60	112.34	94.54	76.05	57.94	39.44	21.33	3.30
210.0	124.16	105.97	88.17	72.36	57.63	39.67	23.56	8.44	2.46
240.0	113.03	99.45	79.50	61.08	45.89	28.85	14.12	8.21	3.99
270.0	109.66	88.32	70.98	55.86	39.60	25.71	14.35	7.14	4.45
300.0	114.11	100.30	82.80	62.39	46.73	30.46	14.96	8.44	3.84
330.0	125.62	106.28	89.40	73.05	59.47	42.74	24.40	10.05	2.84
360.0	147.72	131.45	112.57	95.46	77.58	59.24	41.21	23.56	5.76
C/γ(°)	90.0								
0.0	0.54								
30.0	0.77								
60.0	0.38								
90.0	0.31								
120.0	0.38								
150.0	0.38								
180.0	0.38								
210.0	0.38								
240.0	0.61								
270.0	0.69								
300.0	0.84								
330.0	0.69								
360.0	0.54								