

浙大三色

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ROLED

灯具名称: 投光灯

灯具描述: F3074A-72-UN (5015-OL-72WN-AA, L650mm, C, CT)

报告编号:

电压(V): 220.4000

测试编号: 20210401010

电流(A): 0.3640

光源规格型号: OL

功率(W): 78.8000

每个光源光通量(lm)

功率因数: 0.9830

光源数量: 72

镇流器型号:

发光面长度(mm): 590

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): 7698.02

灯具效能(lm/w): 97.69

中心光强(cd): 22645.270

最大光强(cd): 22852.460

最大光强角度: $C=30.0$ $\gamma=2.0$

半峰边角(50%Imax): [C0/180]Total=52.1

[C90/270]Total=11.9

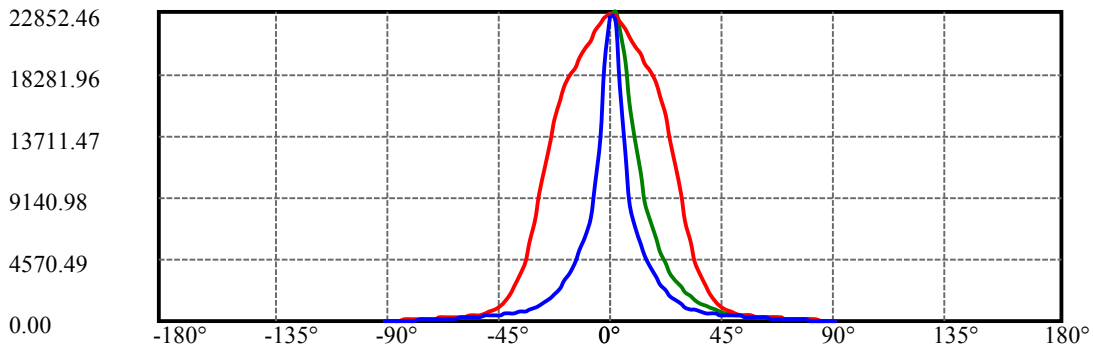
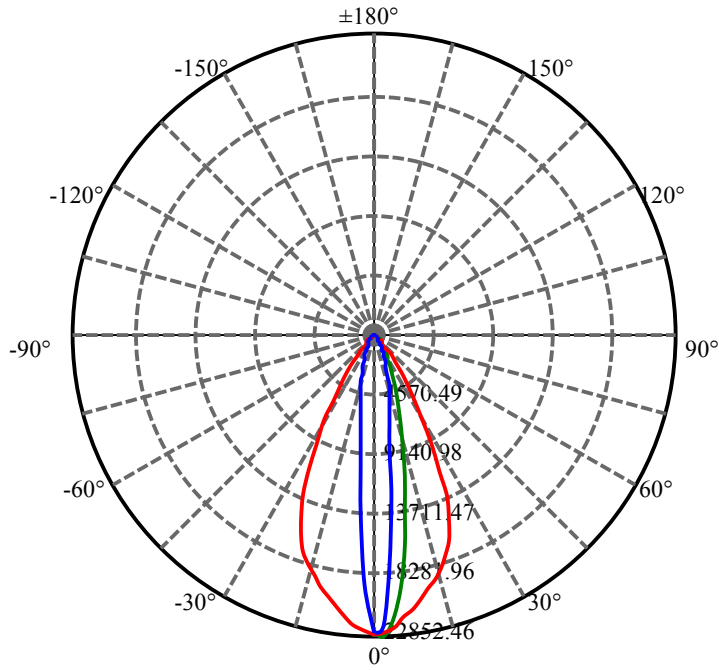
光束扩散角(10%Imax): [C0/180]Total=77.8

[C90/270]Total=42.9

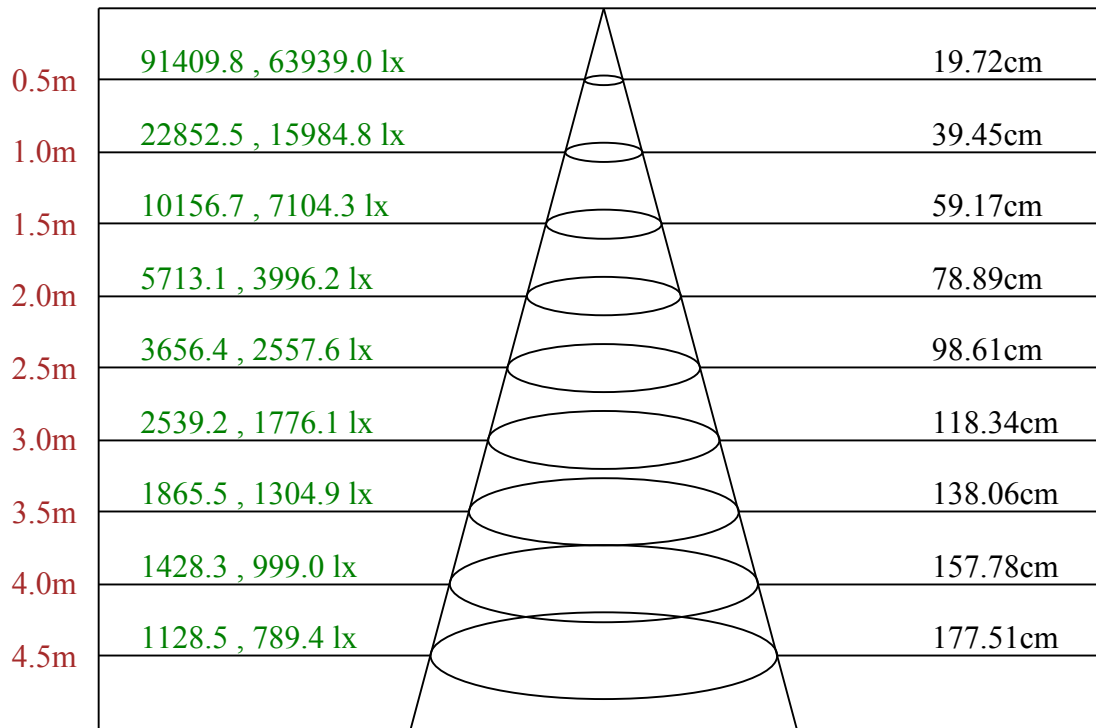
测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/4/1
环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

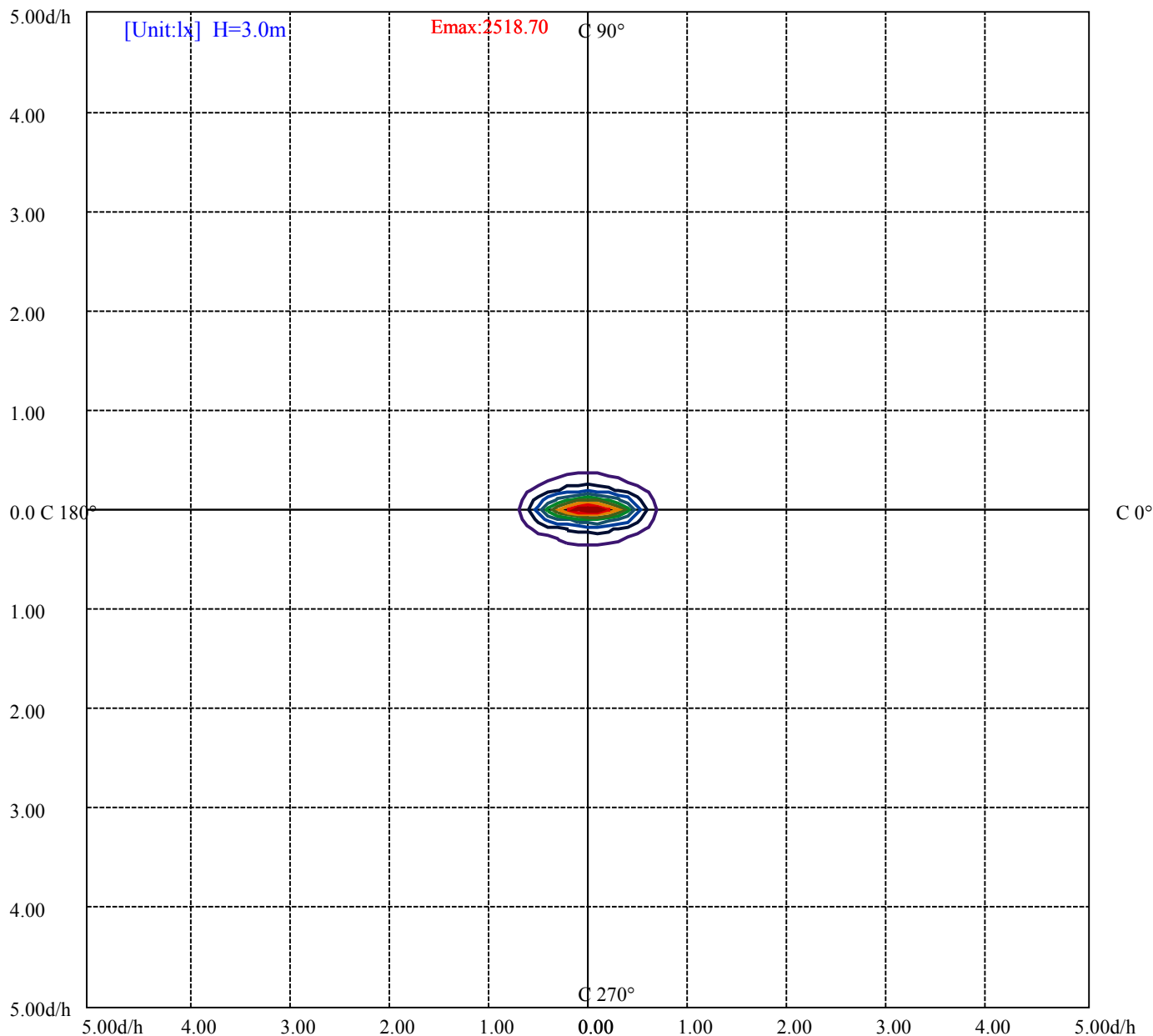


C30(Max): ————
C0/C180: ————
C90/C270: ————



Max , Ave C30面光束角22.30

ROLED 投光灯 平面等照度曲线



- (10%Emax) 251.87
- (20%Emax) 503.74
- (30%Emax) 755.6089
- (40%Emax) 1007.479
- (50%Emax) 1259.344
- (60%Emax) 1511.222
- (70%Emax) 1763.089
- (80%Emax) 2014.956
- (90%Emax) 2266.822

ROLED 投光灯

灯具的亮度限制曲线(灯具无发光侧边)

亮度值表

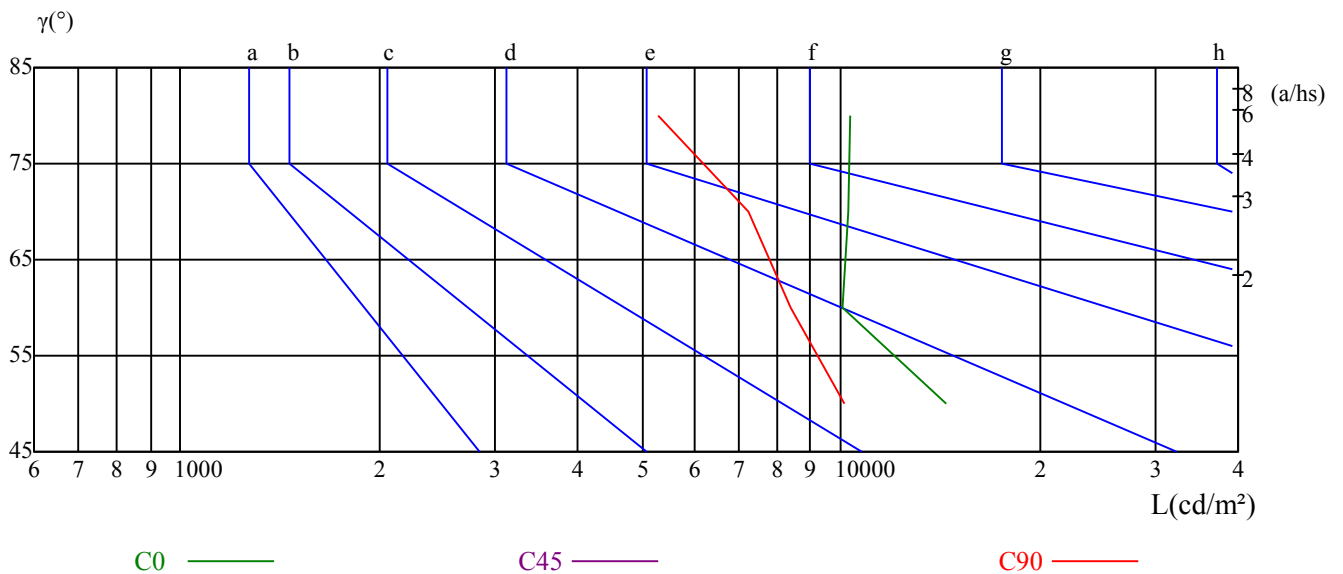
γ	45	50	55	60	65	70	75	80	85
C0	0	14439	0	10072	0	10238	0	10312	0
C45	0	0	0	0	0	0	0	0	0
C90	0	10117	0	8423	0	7259	0	5308	0

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	8.20	9.29	8.57	9.60	9.91	9.20	10.28	9.56	10.59	10.91
	3H	9.64	10.60	10.03	10.94	11.30	11.05	12.01	11.43	12.34	12.71
	4H	10.13	11.02	10.53	11.37	11.76	11.82	12.71	12.23	13.07	13.45
	6H	10.40	11.22	10.82	11.59	11.99	12.48	13.30	12.90	13.67	14.07
	8H	10.46	11.23	10.89	11.62	12.03	12.71	13.48	13.15	13.87	14.28
	12H	10.51	11.25	10.95	11.63	12.06	12.99	13.72	13.42	14.11	14.54
4H	2H	8.77	9.66	9.18	10.02	10.41	9.57	10.47	9.98	10.82	11.21
	3H	10.41	11.14	10.83	11.55	11.96	11.62	12.35	12.04	12.76	13.17
	4H	11.01	11.66	11.45	12.08	12.53	12.51	13.16	12.94	13.58	14.03
	6H	11.31	11.87	11.78	12.32	12.79	13.17	13.73	13.64	14.18	14.65
	8H	11.39	11.92	11.87	12.37	12.84	13.47	13.99	13.94	14.44	14.91
	12H	11.46	11.91	11.94	12.40	12.87	13.76	14.21	14.25	14.70	15.18
8H	4H	11.30	11.82	11.78	12.27	12.75	12.64	13.16	13.11	13.61	14.08
	6H	11.72	12.14	12.23	12.64	13.13	13.42	13.84	13.93	14.34	14.83
	8H	11.86	12.23	12.39	12.75	13.25	13.79	14.16	14.32	14.68	15.18
	12H	12.46	12.78	12.98	13.28	13.86	14.53	14.85	15.05	15.35	15.93
12H	4H	11.33	11.78	11.82	12.27	12.74	12.61	13.07	13.10	13.55	14.03
	6H	12.14	12.16	12.32	12.63	13.17	13.78	13.79	13.95	14.26	14.81
	8H	11.96	12.28	12.48	12.78	13.36	13.82	14.14	14.34	14.64	15.22
对应照射距离，改变观察者位置S											
S = 1.0H	0.4/-0.6					2.9/-1.6					
S = 1.5H	0.8/-0.9					4.4/-1.7					
S = 2.0H	1.5/-1.1					5.9/-1.5					
标准表格	BK3					BK2					
更正系数	0.9					3.3					

ROLED 投光灯

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	22645.27	22507.14	22138.80	21578.61	20957.04	20343.14	19690.87	19076.97	18386.33
30.0	22622.24	22852.46	21609.31	19207.42	16237.68	13275.60	10904.41	8870.87	7343.79
60.0	22714.33	21985.32	18010.31	13524.23	9856.18	7628.48	6287.11	5221.99	4375.58
90.0	22560.85	22016.02	17450.13	12285.69	8847.85	6960.10	5709.28	4796.10	3982.68
120.0	22698.98	21801.15	17925.90	13363.09	9978.19	7748.20	6342.36	5330.19	4467.66
150.0	22614.57	22583.88	21348.40	19130.68	16444.87	13728.36	11479.94	9484.77	7834.91
180.0	22645.27	22484.12	22023.69	21471.18	20788.22	20143.62	19476.00	18800.71	18133.09
210.0	22622.24	20918.67	18309.59	15309.15	12713.12	10296.65	8626.84	7221.78	6116.75
240.0	22714.33	19875.04	15431.93	11295.77	8771.11	7036.84	5816.71	4941.90	4128.48
270.0	22560.85	18900.47	13570.28	9921.40	7619.28	6222.65	5186.69	4346.42	3612.04
300.0	22698.98	20389.18	16007.46	12040.13	9208.51	7328.44	6039.25	5126.07	4320.33
330.0	22614.57	21455.83	19284.16	16690.43	14210.27	11830.64	9893.01	8294.57	7005.38
360.0	22645.27	22507.14	22138.80	21578.61	20957.04	20343.14	19690.87	19076.97	18386.33
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	17611.28	16583.00	15155.68	13444.43	11449.25	9315.94	7374.48	5801.36	4404.74
30.0	6092.97	5072.36	4235.92	3588.25	3021.16	2544.62	2168.60	1831.73	1560.84
60.0	3672.66	3093.29	2573.01	2153.26	1779.54	1486.18	1246.14	1063.74	913.48
90.0	3300.48	2708.84	2230.76	1824.05	1496.38	1249.29	1052.07	907.81	786.56
120.0	3787.00	3131.66	2629.80	2187.02	1827.12	1528.15	1283.51	1096.66	940.73
150.0	6584.09	5486.74	4565.89	3882.92	3228.35	2705.77	2277.57	1935.32	1631.44
180.0	17327.35	16291.39	14914.72	13299.39	11328.00	9383.47	7471.17	5784.48	4407.81
210.0	5180.56	4385.55	3724.84	3158.52	2678.14	2265.29	1946.07	1656.00	1423.18
240.0	3498.47	2939.05	2464.81	2032.01	1685.93	1410.44	1181.76	1009.10	867.90
270.0	3024.23	2481.69	2010.53	1657.53	1371.15	1149.38	971.27	846.80	743.28
300.0	3745.56	3085.62	2578.38	2142.51	1787.22	1498.69	1253.13	1065.12	920.85
330.0	5904.96	5020.94	4176.83	3555.25	3001.97	2528.50	2160.16	1827.89	1528.84
360.0	17611.28	16583.00	15155.68	13444.43	11449.25	9315.94	7374.48	5801.36	4404.74
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	3379.52	2565.34	1931.49	1470.29	1134.18	885.55	695.24	564.02	462.73
30.0	1323.72	1128.04	963.82	834.14	719.03	623.88	553.28	490.35	437.40
60.0	798.45	710.90	636.77	580.29	531.18	489.13	452.68	420.52	387.52
90.0	702.15	632.32	579.37	533.33	495.72	464.26	430.50	395.20	364.89
120.0	820.17	724.86	652.42	590.57	541.23	496.65	458.74	424.67	393.97
150.0	1395.09	1186.36	1010.63	863.30	748.19	646.13	567.86	498.79	440.47
180.0	3381.06	2545.39	1919.97	1489.78	1141.47	882.25	693.32	559.95	461.35
210.0	1215.98	1041.71	893.30	778.66	676.90	592.80	529.26	470.63	421.75
240.0	766.61	682.96	617.74	559.42	512.61	469.63	432.03	399.04	362.97
270.0	669.15	605.54	553.82	514.07	476.39	436.02	400.34	370.49	339.03
300.0	800.37	709.82	633.09	574.00	523.35	481.14	441.24	406.71	370.72
330.0	1332.09	1134.87	963.75	831.76	714.66	617.58	543.07	475.62	421.60
360.0	3379.52	2565.34	1931.49	1470.29	1134.18	885.55	695.24	564.02	462.73
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	400.57	361.97	330.74	306.03	284.77	265.90	247.94	231.67	212.79
30.0	391.36	356.68	323.60	295.67	272.80	250.09	228.98	207.88	186.09
60.0	352.61	322.76	293.44	266.20	242.11	220.31	198.67	176.73	157.24
90.0	336.26	305.72	280.09	255.92	233.44	212.41	189.39	169.97	150.87
120.0	359.59	327.44	299.43	272.03	247.56	224.38	202.74	180.18	159.31
150.0	392.13	356.75	324.06	297.05	274.87	252.85	230.67	210.72	189.47
180.0	401.11	360.13	330.43	306.34	285.16	266.89	248.63	231.67	212.64
210.0	377.40	342.40	311.09	284.93	260.75	237.04	216.09	193.84	171.36
240.0	332.35	303.73	275.95	252.24	230.83	207.42	185.94	165.06	146.65
270.0	309.18	284.85	259.60	236.81	212.49	191.84	171.51	153.94	133.68
300.0	339.18	309.64	281.09	257.30	234.05	211.11	186.70	165.29	145.95
330.0	375.55	338.72	305.57	281.24	257.30	234.05	214.02	192.69	170.74
360.0	400.57	361.97	330.74	306.03	284.77	265.90	247.94	231.67	212.79

测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/4/1
环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

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	191.92	168.67	146.65	126.54	108.81	82.80	57.55	34.15	11.13
30.0	162.84	140.97	119.02	99.14	82.57	61.24	38.91	19.26	7.98
60.0	139.51	121.71	100.53	80.19	62.92	42.28	24.86	16.04	8.75
90.0	132.14	110.27	89.94	71.90	56.02	38.14	24.02	15.88	9.13
120.0	141.12	123.55	103.29	80.04	62.92	42.74	25.86	15.81	8.21
150.0	166.75	144.19	123.01	101.83	84.03	62.69	38.37	18.72	7.06
180.0	192.69	169.51	147.26	127.77	107.97	84.10	59.09	36.45	12.74
210.0	149.56	128.23	107.13	89.17	72.06	48.11	29.77	11.36	5.45
240.0	129.99	110.50	88.86	68.91	53.41	32.92	18.72	10.44	6.14
270.0	111.42	91.93	72.90	57.40	38.83	24.33	17.19	9.75	5.06
300.0	129.99	110.35	88.25	68.83	51.80	33.30	18.11	9.82	5.68
330.0	149.25	128.54	107.51	88.86	71.90	48.34	30.00	10.21	4.22
360.0	191.92	168.67	146.65	126.54	108.81	82.80	57.55	34.15	11.13

C/γ(°)	90.0
0.0	1.61
30.0	2.92
60.0	3.68
90.0	3.91
120.0	3.38
150.0	2.46
180.0	2.15
210.0	2.00
240.0	2.00
270.0	1.84
300.0	1.61
330.0	1.15
360.0	1.61