

浙大三色

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ROLED

灯具名称: 投光灯

灯具描述: F3082B5-18-UN-RC-Y(15-XL-18RGBWN-AJ, L480mm, C, CT)

报告编号:

电压(V): 201.9000

测试编号: 20210224012

电流(A): 0.6550

光源规格型号: XL

功率(W): 131.1000

每个光源光通量(lm)

功率因数: 0.9920

光源数量: 18

镇流器型号:

发光面长度(mm): 420

发光面宽度(mm): 105

测试模式: C

发光面高度(mm): 0

光度结果

灯具光通量(lm): 5627.16

灯具效能(lm/w): 42.92

中心光强(cd): 47139.910

最大光强(cd): 49580.160

最大光强角度: C=30.0 γ =0.0

半峰边角(50%Imax): [C0/180]Total=15.7

[C90/270]Total=15.6

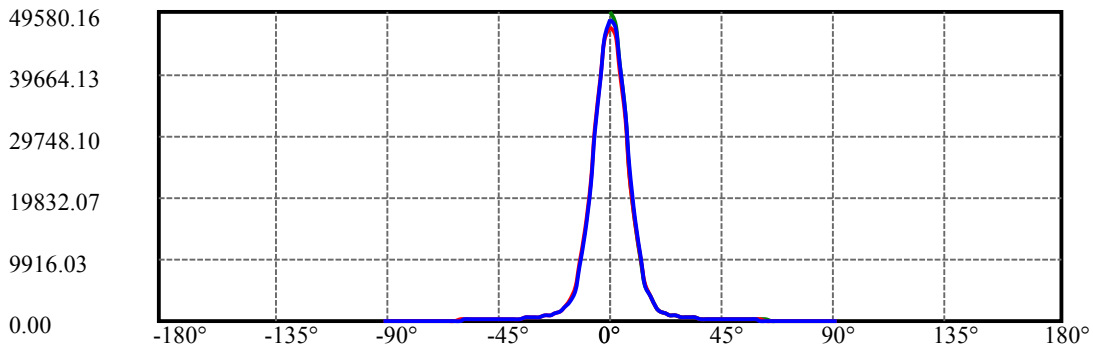
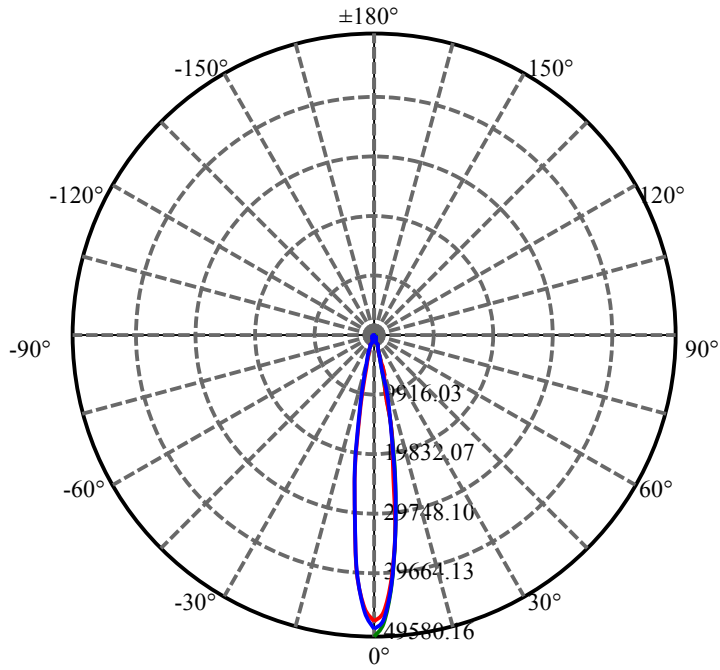
光束扩散角(10%Imax): [C0/180]Total=30.0

[C90/270]Total=29.3

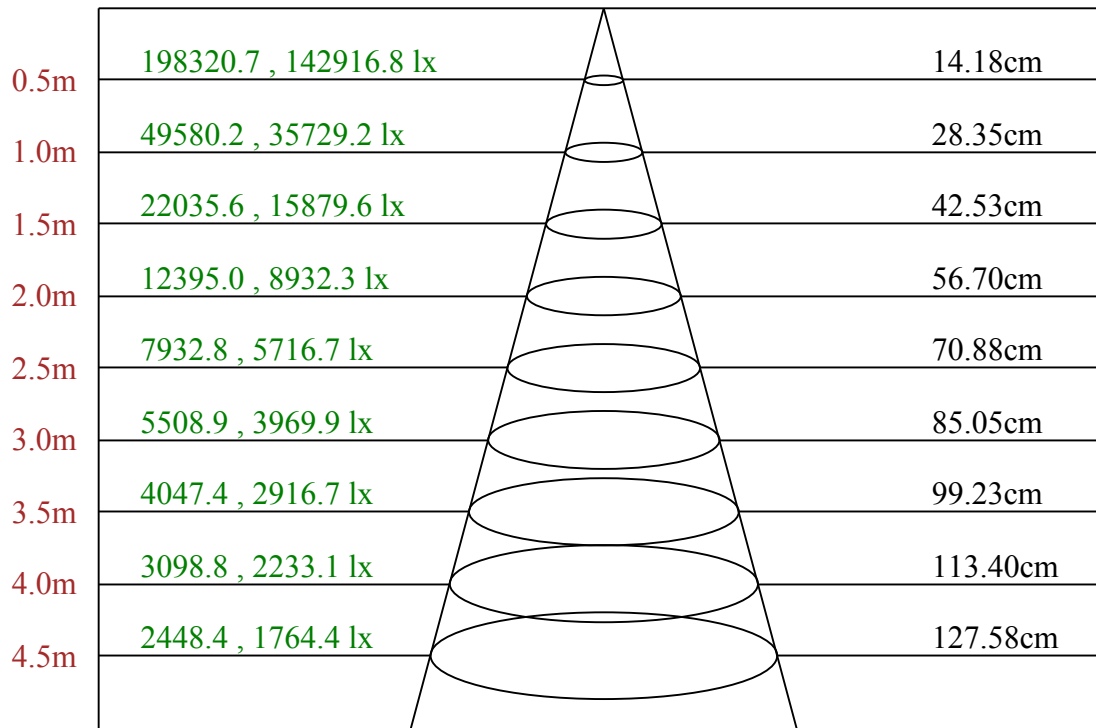
测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/2/24
环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

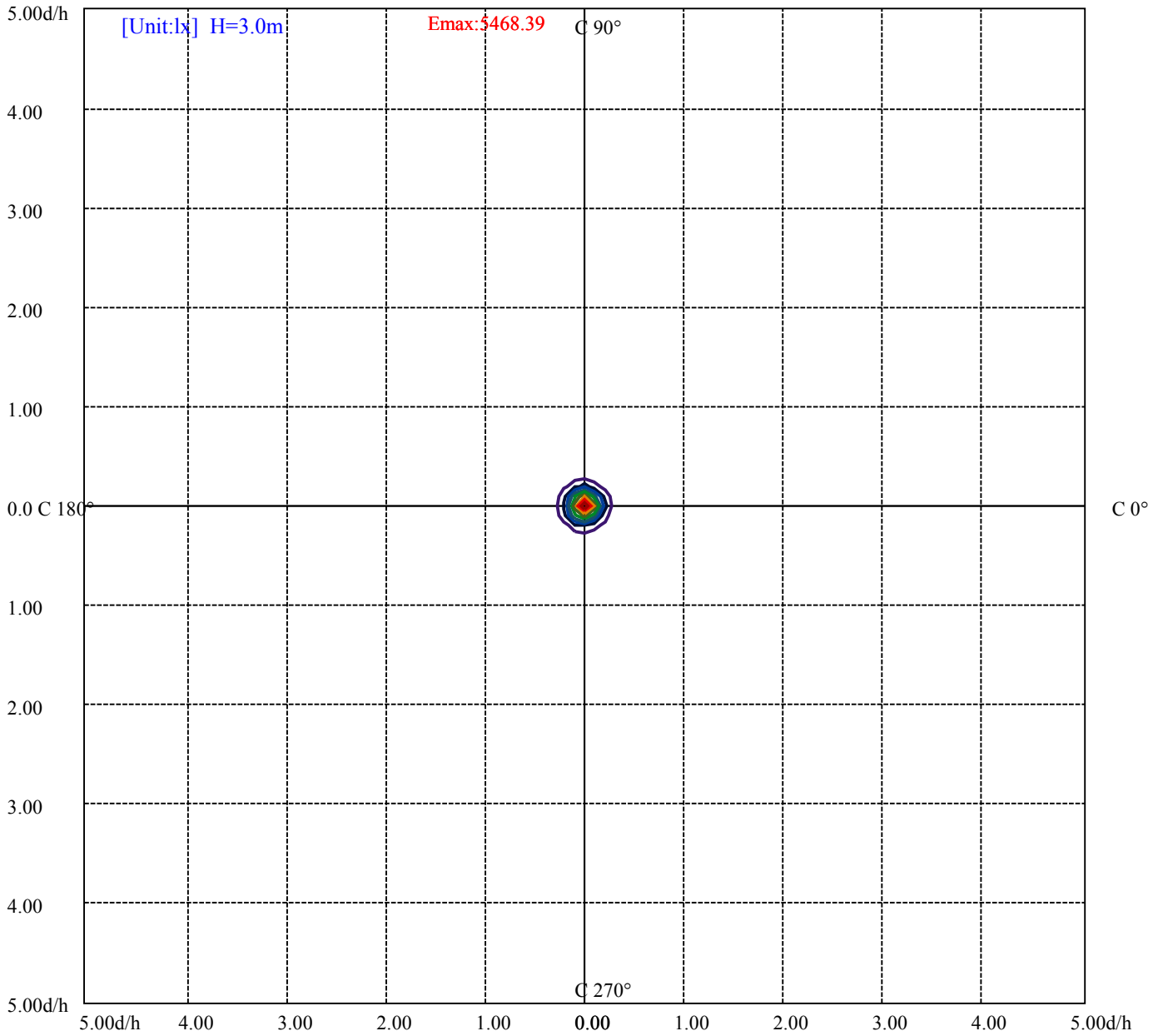


C30(Max): ——
C0/C180: ——
C90/C270: ——



Max , Ave C30面光束角16.14

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平面等照度曲线



- (10%Emax) 546.8378
- (20%Emax) 1093.676
- (30%Emax) 1640.511
- (40%Emax) 2187.355
- (50%Emax) 2734.189
- (60%Emax) 3281.022
- (70%Emax) 3827.867
- (80%Emax) 4374.7
- (90%Emax) 4921.544

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灯具的亮度限制曲线(灯具无发光侧边)

亮度值表

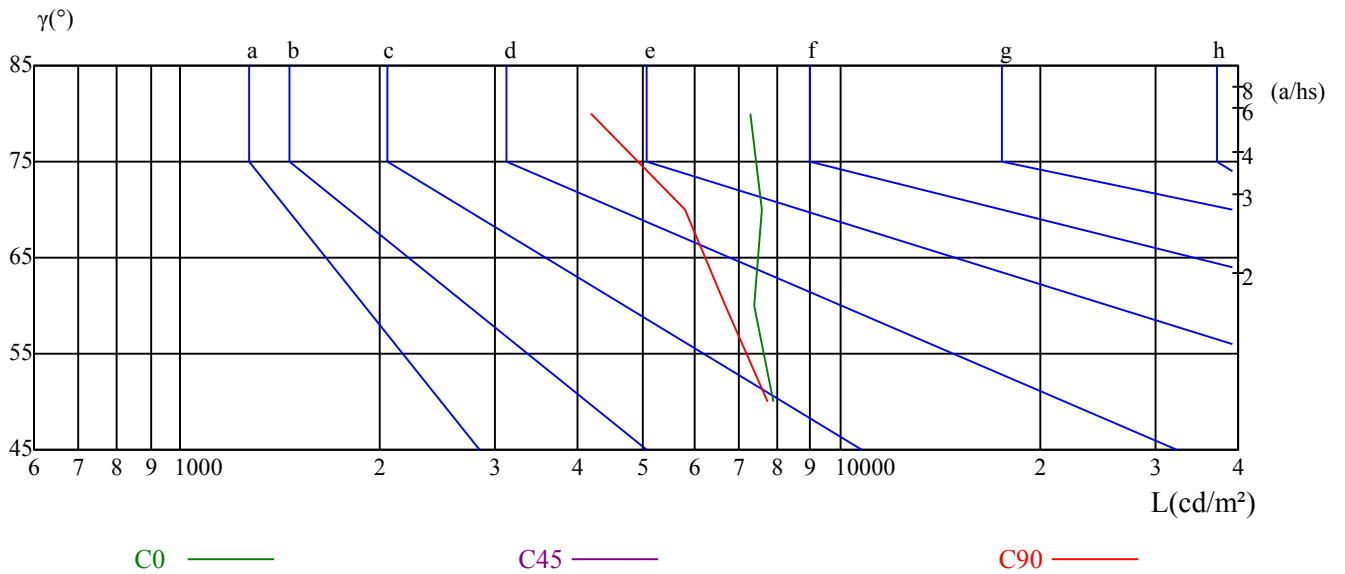
γ	45	50	55	60	65	70	75	80	85
C0	0	7905	0	7385	0	7581	0	7285	0
C45	0	0	0	0	0	0	0	0	0
C90	0	7767	0	6668	0	5830	0	4199	0

L横(65)	L纵(65)	L45(65)	L横(75)	L纵(75)	L45(75)	L横(85)	L纵(85)	L45(85)
654191	640605	0	619879	610591	0	291861	288797	0

眩光等级表

眩光等级	质量等级	使用照度(lx)							
		a	b	c	d	e	f	g	h
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

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	7.89	8.92	8.25	9.23	9.55	8.28	9.31	8.64	9.62	9.94
	3H	9.47	10.38	9.85	10.72	11.09	10.36	11.27	10.74	11.60	11.97
	4H	10.04	10.89	10.45	11.25	11.63	11.17	12.02	11.58	12.37	12.76
	6H	10.39	11.17	10.81	11.55	11.94	11.77	12.54	12.18	12.92	13.31
	8H	10.47	11.20	10.90	11.59	12.00	11.96	12.69	12.39	13.08	13.49
	12H	10.52	11.22	10.96	11.61	12.04	12.19	12.89	12.63	13.27	13.70
4H	2H	8.52	9.37	8.93	9.72	10.11	8.82	9.67	9.23	10.02	10.41
	3H	10.30	10.99	10.71	11.40	11.81	11.18	11.88	11.60	12.29	12.69
	4H	10.97	11.59	11.41	12.02	12.47	12.10	12.73	12.54	13.15	13.60
	6H	11.35	11.88	11.82	12.33	12.80	12.68	13.21	13.15	13.66	14.14
	8H	11.45	11.95	11.92	12.40	12.87	12.91	13.41	13.39	13.86	14.33
	12H	11.51	11.94	12.00	12.42	12.90	13.14	13.57	13.63	14.06	14.54
8H	4H	11.31	11.80	11.78	12.25	12.73	12.28	12.78	12.76	13.23	13.71
	6H	11.82	12.22	12.33	12.72	13.20	12.98	13.37	13.48	13.87	14.36
	8H	11.98	12.33	12.51	12.85	13.35	13.27	13.62	13.80	14.14	14.64
	12H	12.55	12.85	13.07	13.35	13.93	13.98	14.28	14.50	14.77	15.35
12H	4H	11.32	11.75	11.81	12.24	12.71	12.27	12.70	12.76	13.19	13.66
	6H	12.18	12.22	12.40	12.69	13.24	13.29	13.33	13.52	13.81	14.35
	8H	12.07	12.37	12.59	12.87	13.45	13.32	13.62	13.84	14.12	14.70
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/-0.8					0.8/-0.7					
S = 2.0H	1.5/-0.9					0.8/-0.7					
标准表格	BK3					BK3					
更正系数	-0.8					0.1					

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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	47139.91	45505.40	40118.42	32344.90	23443.34	15769.58	9868.46	6039.25	3913.62
30.0	49580.16	47492.90	41392.26	33281.10	23857.72	15692.84	9661.26	5747.65	3898.27
60.0	48851.16	46495.31	40087.72	31562.17	22691.31	15139.56	8993.65	5162.91	3021.16
90.0	48275.62	46894.35	41200.42	33181.34	24809.27	16345.11	10213.77	5809.04	3959.66
120.0	47891.94	46065.58	40348.63	32613.48	23719.59	15177.16	10073.34	5870.43	3477.75
150.0	47416.16	46219.06	41162.05	33772.22	24793.92	16790.19	10750.94	6545.72	3898.27
180.0	47139.91	44960.56	39251.28	30940.60	22430.40	14899.37	9335.13	5616.42	3285.14
210.0	49580.16	47515.92	41538.06	33288.77	24264.43	15214.76	9759.49	5863.52	3387.20
240.0	48851.16	46840.63	40824.40	32743.93	23949.80	15969.09	9538.48	5617.19	3905.94
270.0	48275.62	45359.60	38944.33	30234.61	21785.80	14085.19	8611.49	5014.80	3008.11
300.0	47891.94	45467.03	39527.54	30994.32	22837.11	15355.19	9392.68	5502.09	3959.66
330.0	47416.16	44906.84	38537.62	30395.76	21946.95	14511.08	8921.51	5401.56	3206.10
360.0	47139.91	45505.40	40118.42	32344.90	23443.34	15769.58	9868.46	6039.25	3913.62
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	2215.41	1603.82	1246.22	1016.77	866.37	753.56	651.50	572.46	501.86
30.0	2183.95	1569.28	1227.03	1005.26	854.09	733.61	639.99	570.16	509.54
60.0	1780.31	1486.79	1193.58	982.39	834.91	719.26	629.25	563.33	501.94
90.0	2237.67	1632.21	1256.96	1042.10	877.11	751.26	656.87	577.83	514.14
120.0	2239.20	1519.56	1282.29	1062.97	900.36	779.65	687.26	601.32	530.26
150.0	2444.09	1704.34	1304.54	1062.05	901.67	777.35	682.20	606.23	535.63
180.0	2145.58	1525.85	1213.76	999.81	857.54	744.05	649.12	572.46	501.94
210.0	2170.14	1514.57	1268.63	1045.63	876.04	756.56	660.56	591.49	525.50
240.0	2182.42	1593.84	1255.43	1022.91	870.20	747.42	649.97	581.67	519.51
270.0	2051.96	1517.87	1219.28	1016.77	863.91	740.13	646.13	571.85	510.31
300.0	2195.46	1606.12	1276.15	1046.70	889.39	771.21	675.29	593.95	522.58
330.0	2101.08	1529.92	1230.03	1021.91	865.83	752.95	659.25	583.74	515.98
360.0	2215.41	1603.82	1246.22	1016.77	866.37	753.56	651.50	572.46	501.86
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	438.94	387.52	348.16	312.48	285.31	262.83	241.26	224.07	207.96
30.0	452.75	402.87	358.21	319.69	291.14	266.66	246.25	229.98	214.71
60.0	445.69	394.12	351.92	315.08	286.38	262.60	241.57	223.54	207.65
90.0	453.52	399.04	353.07	312.71	281.40	257.22	237.96	220.16	204.81
120.0	466.87	410.85	362.51	325.75	293.75	267.12	245.33	226.15	210.57
150.0	472.70	413.62	367.88	326.67	294.60	269.50	247.63	230.37	214.87
180.0	441.39	387.83	346.55	311.17	286.00	261.68	242.18	223.61	208.42
210.0	466.49	414.54	366.35	325.90	294.06	268.89	247.48	230.98	215.56
240.0	461.96	404.41	360.44	320.15	290.99	265.13	242.34	225.61	209.95
270.0	444.85	391.90	345.47	307.03	278.56	253.31	234.20	217.70	203.05
300.0	459.66	402.11	358.75	319.46	289.15	264.21	243.64	226.07	211.34
330.0	450.60	399.80	353.99	315.47	285.92	261.83	240.65	224.61	209.65
360.0	438.94	387.52	348.16	312.48	285.31	262.83	241.26	224.07	207.96
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	195.07	184.02	173.35	162.84	153.55	144.57	134.29	125.01	114.34
30.0	201.97	191.08	181.56	171.89	161.30	151.40	141.35	131.68	121.02
60.0	195.07	183.25	170.59	154.55	141.12	128.54	117.02	105.74	94.16
90.0	188.01	172.74	158.85	147.03	134.44	122.55	111.58	99.76	87.94
120.0	196.22	184.48	170.82	155.39	141.35	129.30	117.18	106.05	95.23
150.0	201.21	189.39	179.64	169.59	159.15	149.72	140.43	131.91	122.17
180.0	194.76	182.33	171.59	161.46	152.09	142.89	134.21	124.62	114.57
210.0	202.36	191.84	181.79	172.28	162.45	153.01	143.50	134.21	124.70
240.0	195.68	184.32	174.19	161.38	146.34	133.29	120.86	109.20	97.99
270.0	189.77	175.65	160.30	147.26	135.90	123.62	113.03	101.75	89.71
300.0	196.83	185.01	173.96	160.69	146.34	132.68	120.86	109.35	98.38
330.0	197.06	186.32	176.80	167.13	157.62	148.49	139.20	130.30	121.32
360.0	195.07	184.02	173.35	162.84	153.55	144.57	134.29	125.01	114.34

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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	103.75	92.62	80.80	69.83	55.79	42.59	30.31	18.34	6.98
30.0	108.51	89.55	70.83	55.25	42.51	29.47	21.33	6.91	3.07
60.0	83.03	70.83	58.55	48.81	40.06	19.26	10.67	6.22	2.46
90.0	76.43	65.99	57.09	50.72	32.15	17.27	12.20	6.29	2.76
120.0	81.34	67.53	56.33	47.73	36.91	17.57	9.75	6.37	2.38
150.0	110.58	90.93	71.98	56.10	43.28	30.16	21.64	7.60	3.30
180.0	104.67	93.62	81.96	69.83	55.40	41.90	29.62	17.73	4.99
210.0	113.88	98.84	76.51	59.47	45.97	32.38	23.48	8.90	3.84
240.0	87.10	75.43	63.23	52.34	44.81	24.02	13.43	8.36	3.76
270.0	77.97	66.84	58.09	51.03	32.31	18.26	14.27	5.83	3.91
300.0	86.48	74.82	61.54	50.49	43.13	21.87	12.43	7.83	3.53
330.0	110.43	93.39	71.37	55.02	42.13	29.08	21.03	7.21	3.30
360.0	103.75	92.62	80.80	69.83	55.79	42.59	30.31	18.34	6.98
C/γ(°)	90.0								
0.0	0.84								
30.0	0.77								
60.0	0.84								
90.0	0.92								
120.0	0.84								
150.0	1.00								
180.0	0.61								
210.0	1.23								
240.0	0.92								
270.0	0.77								
300.0	0.77								
330.0	1.00								
360.0	0.84								