浙大三色

Email:sensing@sensingm.com
Tel:+86 571 85021543 Fax:+86 571 87977635

ROLED

灯具名称: 投光灯
灯具描述: F3081A-12-UN-RC-Y（5030-XL-12RGBWN-AJ，L380mm，RAL7042，CT）

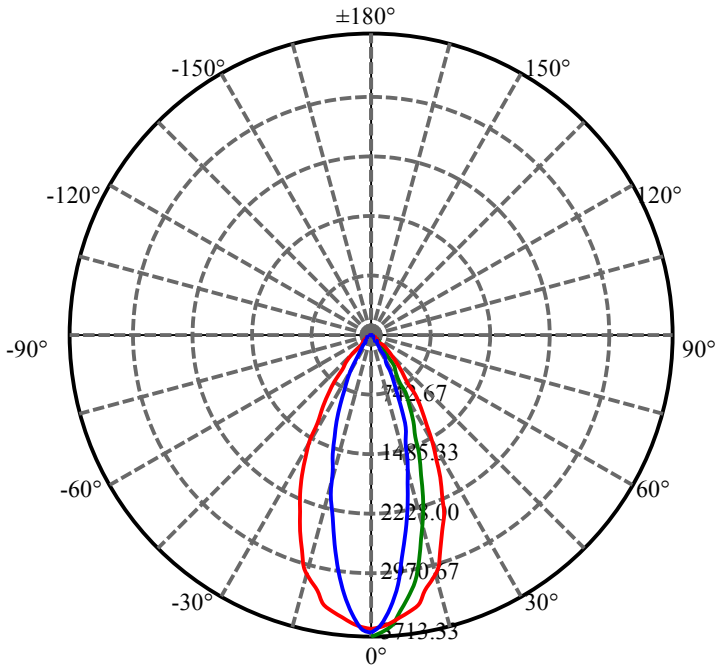
报告编号 :	电压(V): 202.2000
测试编号: 20210225007	电流(A): 0.2780
光源规格型号: XL	功率 (W): 54.1000
每个光源光通量(lm)	功率因数: 0.9610
光源数量: 12	镇流器型号:
发光面长度(mm): 320	发光面宽度 (mm): 105
测试模式: C	发光面高度(mm): 0

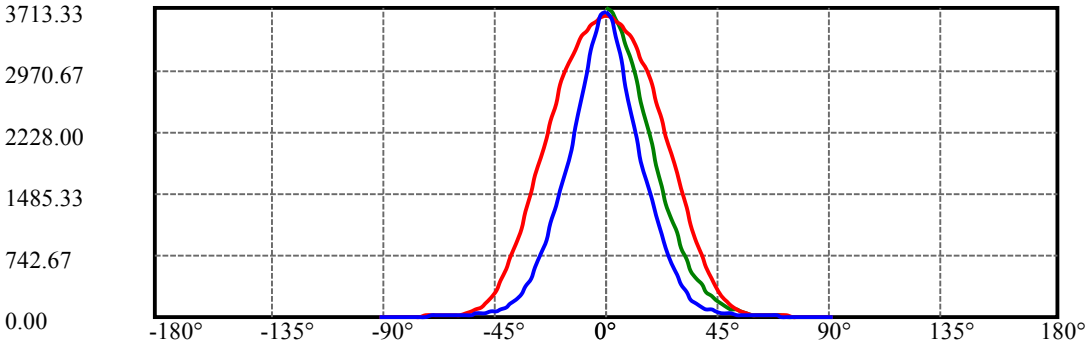
光度结果

灯具光通量(lm): 1990.26
灯具效能(lm/w): 36.79
中心光强(cd): 3620.480
最大光强(cd): 3713.333
最大光强角度: C=30.0 γ=0.0
半峰边角(50%Imax): [C0/180]Total=54.3
[C90/270]Total=29.8
光束扩散角(10%Imax): [C0/180]Total=87.4
[C90/270]Total=62.7

测试设备: GMS1800	测试日期: 2021/2/25	测试人员: anpeilou
环境温度(℃): 25.0	环境湿度(%): 60.0%	测试距离(m): 8.76

光强分布曲线 [单位:cd]



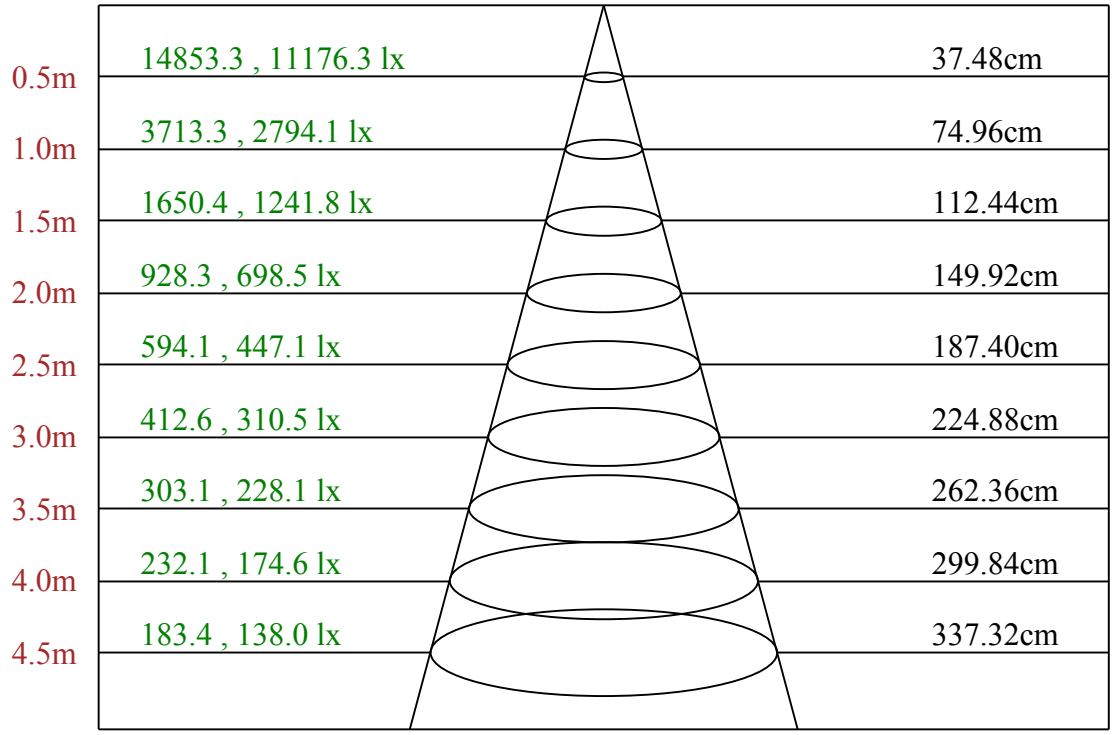


C30(Max):

C0/C180:

C90/C270:

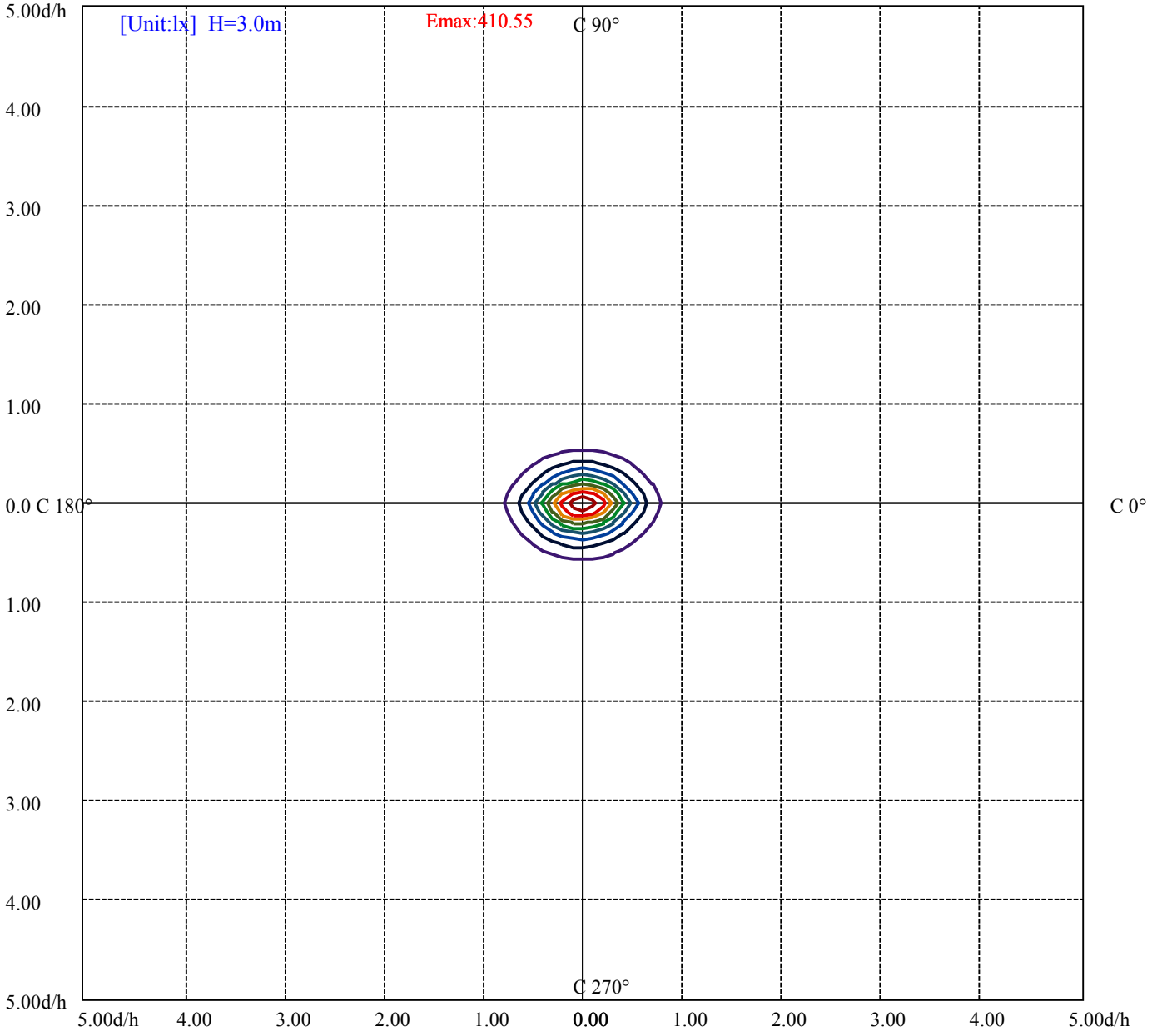
照度距离图表



Max , Ave　　C30面光束角41.09

ROLED 投光灯

平面等照度曲线



测试设备: GMS1800　　测试日期: 2021/2/25　　测试人员: anpeilou

环境温度(℃): 25.0　　环境湿度(%): 60.0%　　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

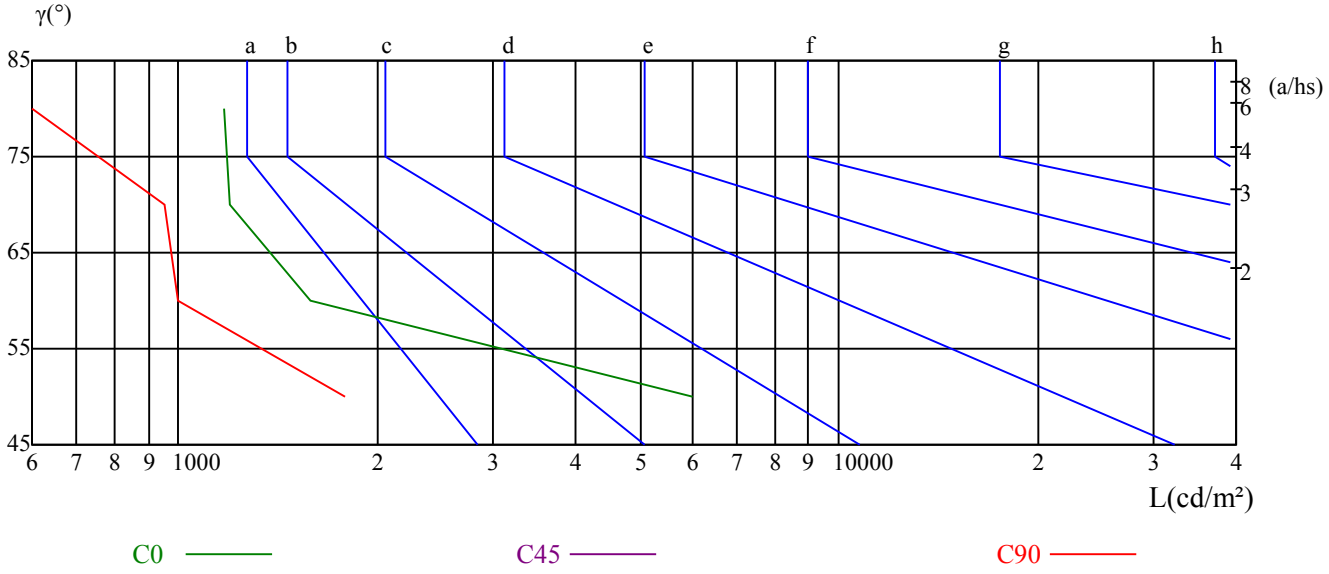
γ	45	50	55	60	65	70	75	80	85
C0	0	6008	0	1590	0	1195	0	1171	0
C45	0	0	0	0	0	0	0	0	0
C90	0	1784	0	996	0	955	0	460	0

L横(65)	L纵(65)	L45(65)	L横(75)	L纵(75)	L45(75)	L横(85)	L纵(85)	L45(85)
584304	513808	0	522416	405606	0	525842	166895	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



UGR眩光曲线

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	4.06	5.07	4.42	5.38	5.70	5.87	6.88	6.23	7.19	7.50
	3H	4.73	5.61	5.11	5.95	6.32	6.50	7.39	6.89	7.72	8.09
	4H	4.94	5.76	5.35	6.11	6.50	6.81	7.63	7.21	7.98	8.37
	6H	5.04	5.79	5.46	6.17	6.56	7.07	7.82	7.49	8.19	8.59
	8H	5.05	5.75	5.48	6.14	6.55	7.15	7.86	7.59	8.25	8.66
	12H	5.04	5.72	5.48	6.10	6.53	7.25	7.92	7.69	8.31	8.74
4H	2H	4.21	5.03	4.62	5.39	5.78	5.84	6.66	6.25	7.02	7.41
	3H	4.99	5.65	5.40	6.06	6.47	6.69	7.36	7.10	7.76	8.17
	4H	5.26	5.85	5.70	6.28	6.72	7.10	7.70	7.54	8.12	8.57
	6H	5.40	5.90	5.87	6.36	6.83	7.41	7.92	7.88	8.37	8.85
	8H	5.42	5.89	5.89	6.34	6.82	7.54	8.01	8.02	8.46	8.94
	12H	5.42	5.83	5.91	6.32	6.79	7.66	8.07	8.15	8.56	9.04
8H	4H	5.36	5.83	5.83	6.28	6.75	7.08	7.55	7.55	8.00	8.48
	6H	5.55	5.93	6.06	6.43	6.92	7.47	7.85	7.98	8.35	8.83
	8H	5.60	5.94	6.14	6.46	6.96	7.65	7.98	8.18	8.51	9.00
	12H	6.11	6.40	6.64	6.90	7.48	8.19	8.48	8.71	8.98	9.56
12H	4H	5.34	5.75	5.83	6.24	6.72	7.03	7.44	7.52	7.92	8.40
	6H	5.83	5.89	6.09	6.36	6.91	7.70	7.77	7.97	8.24	8.79
	8H	5.64	5.93	6.16	6.42	7.00	7.64	7.93	8.16	8.43	9.01
对应照射距离，改变观察者位置S											
S = 1.0H		2.9/-3.0					4.3/-6.1				
S = 1.5H		4.7/-4.8					7.0/-7.6				
S = 2.0H		6.7/-4.9					9.0/-7.5				
标准表格		BK1					BK0				
更正系数		-7.9					-2.4				

光强数据表(cd)

C/γ(°)	0.0	2.0	4.0	6.0	8.0	10.0	12.0	14.0	16.0
0.0	3620.48	3594.39	3559.09	3497.70	3437.08	3361.11	3220.68	3100.97	2965.91
30.0	3713.33	3674.20	3573.67	3430.17	3277.46	3084.85	2833.92	2578.38	2340.50
60.0	3676.50	3583.65	3393.34	3143.94	2881.50	2584.52	2277.57	1967.55	1683.62
90.0	3660.38	3571.37	3356.50	3095.59	2771.76	2450.23	2147.12	1875.47	1631.44
120.0	3640.43	3528.39	3334.25	3106.34	2838.52	2487.83	2190.09	1927.65	1667.51
150.0	3628.92	3572.14	3489.26	3351.13	3173.87	2972.81	2772.53	2474.02	2218.48
180.0	3620.48	3595.92	3558.32	3506.91	3443.22	3358.04	3207.63	3107.87	2965.14
210.0	3713.33	3711.03	3653.48	3521.49	3400.24	3242.93	3005.81	2745.67	2524.67
240.0	3676.50	3674.96	3573.67	3354.20	3107.11	2840.06	2535.41	2230.76	1941.46
270.0	3660.38	3621.25	3445.52	3213.00	2931.38	2610.61	2291.38	2015.90	1752.69
300.0	3640.43	3615.11	3498.47	3303.55	3064.13	2751.04	2416.47	2126.40	1870.86
330.0	3628.92	3602.83	3541.44	3435.54	3250.60	3064.13	2844.66	2584.52	2333.59
360.0	3620.48	3594.39	3559.09	3497.70	3437.08	3361.11	3220.68	3100.97	2965.91

C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	2790.95	2573.01	2381.94	2168.60	1957.58	1735.04	1536.29	1307.61	1096.58
30.0	2084.19	1830.19	1574.66	1365.93	1184.06	1003.73	831.84	684.50	561.72
60.0	1438.83	1242.15	1069.34	917.17	770.14	648.97	530.95	408.09	324.22
90.0	1414.27	1211.69	993.75	820.32	652.27	514.91	400.57	305.49	218.32
120.0	1442.67	1243.07	1064.50	900.59	761.77	632.09	516.75	392.90	305.80
150.0	1979.83	1728.13	1501.75	1300.70	1108.86	947.71	809.58	670.69	555.58
180.0	2779.44	2566.87	2345.10	2148.65	1923.04	1697.44	1498.30	1271.70	1062.82
210.0	2265.29	2023.57	1761.90	1523.70	1313.98	1119.14	941.11	773.05	637.46
240.0	1656.00	1416.58	1225.50	1045.93	893.23	757.40	631.55	512.61	405.94
270.0	1530.22	1332.24	1135.79	924.69	762.46	602.08	468.56	365.04	269.50
300.0	1612.26	1383.58	1187.13	1006.80	861.76	727.47	604.69	488.05	390.59
330.0	2074.22	1830.96	1526.16	1392.40	1192.89	1016.47	863.60	724.79	589.65
360.0	2790.95	2573.01	2381.94	2168.60	1957.58	1735.04	1536.29	1307.61	1096.58

C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	910.11	739.75	589.34	453.52	364.73	250.63	176.11	129.76	91.09
30.0	465.80	388.29	308.25	247.71	198.21	154.55	119.40	96.38	81.96
60.0	248.02	188.24	142.81	110.66	87.33	68.76	56.10	46.89	40.98
90.0	162.68	124.70	99.84	82.57	67.61	56.17	46.50	38.52	31.92
120.0	232.28	175.81	132.76	102.21	81.19	65.76	54.18	45.04	40.06
150.0	461.19	389.83	313.40	254.92	202.74	160.77	126.16	101.91	85.41
180.0	877.49	717.80	566.71	445.31	328.13	238.88	167.44	124.93	87.02
210.0	522.81	428.50	350.00	281.63	225.69	176.88	138.36	109.81	92.16
240.0	320.38	246.48	186.63	143.27	111.35	86.87	69.14	56.33	46.66
270.0	197.91	150.25	117.02	94.46	78.27	63.62	52.03	43.43	35.61
300.0	297.82	227.14	173.12	129.84	100.37	78.96	63.92	52.64	44.58
330.0	485.44	405.48	329.05	265.74	212.95	168.44	129.99	107.05	89.63
360.0	910.11	739.75	589.34	453.52	364.73	250.63	176.11	129.76	91.09

C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	62.85	44.20	33.84	26.70	22.48	19.18	16.96	15.04	13.74
30.0	64.23	42.28	30.31	24.63	20.72	18.11	15.96	14.43	13.20
60.0	38.14	38.52	37.99	29.01	18.26	14.04	11.74	9.67	8.21
90.0	27.09	23.10	19.49	16.73	14.89	13.81	13.12	12.43	10.97
120.0	39.52	41.28	35.07	27.01	19.41	14.35	11.82	9.75	8.36
150.0	59.78	41.05	30.62	24.71	20.57	17.57	15.35	13.58	12.20
180.0	59.16	42.13	33.00	26.63	22.10	18.88	16.81	14.81	13.43
210.0	73.98	51.18	34.92	27.63	23.02	19.64	16.96	15.35	13.97
240.0	40.98	40.13	39.75	36.60	26.09	17.04	13.58	11.28	9.52
270.0	29.62	25.02	21.33	17.57	15.35	13.89	13.35	13.43	12.43
300.0	40.82	42.28	42.21	32.31	24.40	16.96	13.28	10.97	9.13
330.0	62.92	44.43	32.84	25.55	21.18	18.03	15.35	13.74	12.58
360.0	62.85	44.20	33.84	26.70	22.48	19.18	16.96	15.04	13.74

光强数据表(cd)

C/γ(°)	72.0	74.0	76.0	78.0	80.0	82.0	84.0	86.0	88.0
0.0	12.28	10.90	9.29	7.90	6.83	5.22	3.45	1.92	0.38
30.0	11.43	9.75	7.98	6.22	4.91	3.76	2.15	0.54	0.15
60.0	6.98	5.76	4.45	3.38	2.84	1.53	0.84	0.46	0.23
90.0	8.67	6.52	4.91	4.07	2.69	1.46	1.07	0.38	0.31
120.0	7.06	5.76	4.60	3.53	2.84	1.61	0.84	0.46	0.23
150.0	10.74	9.13	7.14	5.68	4.14	2.69	1.76	0.46	0.15
180.0	12.05	10.59	8.98	7.60	6.45	4.99	3.45	1.53	0.23
210.0	12.43	10.67	8.90	7.06	5.60	4.53	2.69	1.15	0.38
240.0	8.06	6.91	5.60	4.37	3.61	2.69	1.23	0.84	0.38
270.0	10.82	7.98	5.91	4.76	3.99	2.15	1.15	0.84	0.46
300.0	7.83	6.52	5.29	4.07	3.38	2.53	1.15	0.84	0.38
330.0	11.28	9.52	7.75	5.99	4.68	3.53	2.23	0.84	0.23
360.0	12.28	10.90	9.29	7.90	6.83	5.22	3.45	1.92	0.38

C/γ(°)	90.0
0.0	0.08
30.0	0.00
60.0	0.00
90.0	0.00
120.0	0.00
150.0	0.08
180.0	0.00
210.0	0.15
240.0	0.15
270.0	0.08
300.0	0.15
330.0	0.08
360.0	0.08