

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: F3053A-36-36DC (60-OL-36WN-AA, P1)

报告编号:

电压(V): 36.0000

测试编号: 20210328003

电流(A): 1.0010

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): 3406.41

灯具效能(lm/w): 94.62

中心光强(cd): 3371.850

最大光强(cd): 3378.757

最大光强角度: C=120.0 γ =2.0

半峰边角(50%Imax): [C0/180]Total=54.0

[C90/270]Total=54.9

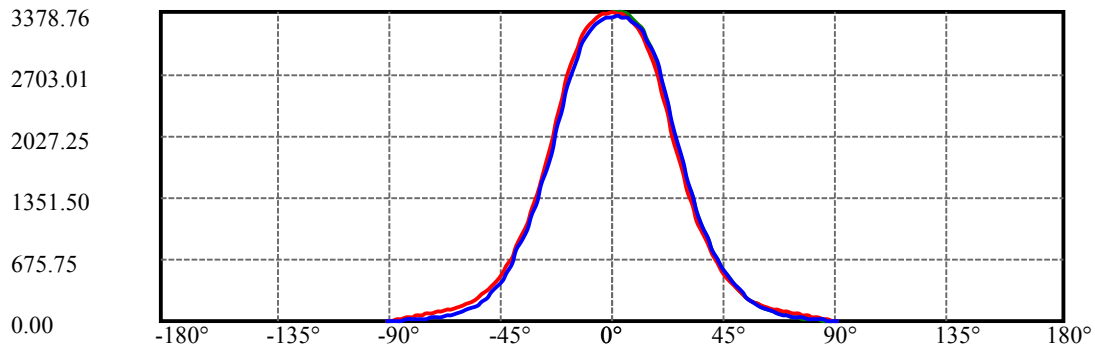
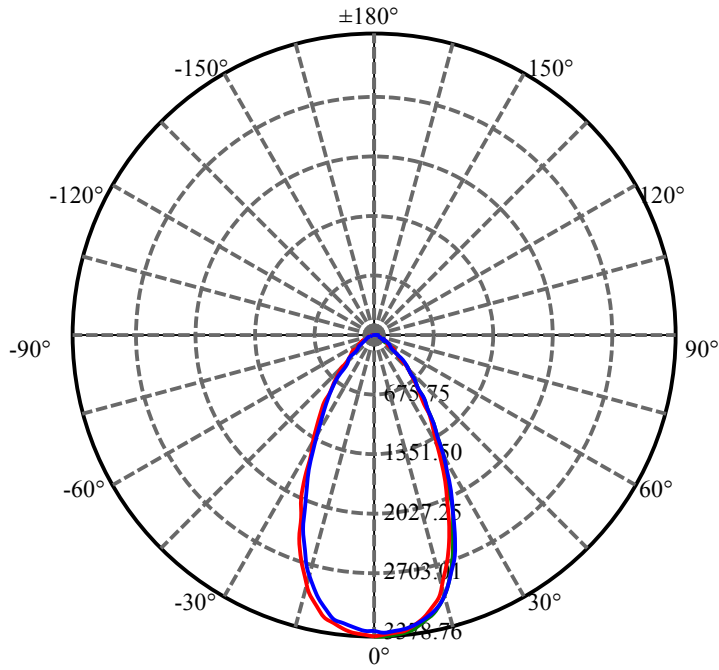
光束扩散角(10%Imax): [C0/180]Total=100.4

[C90/270]Total=98.7

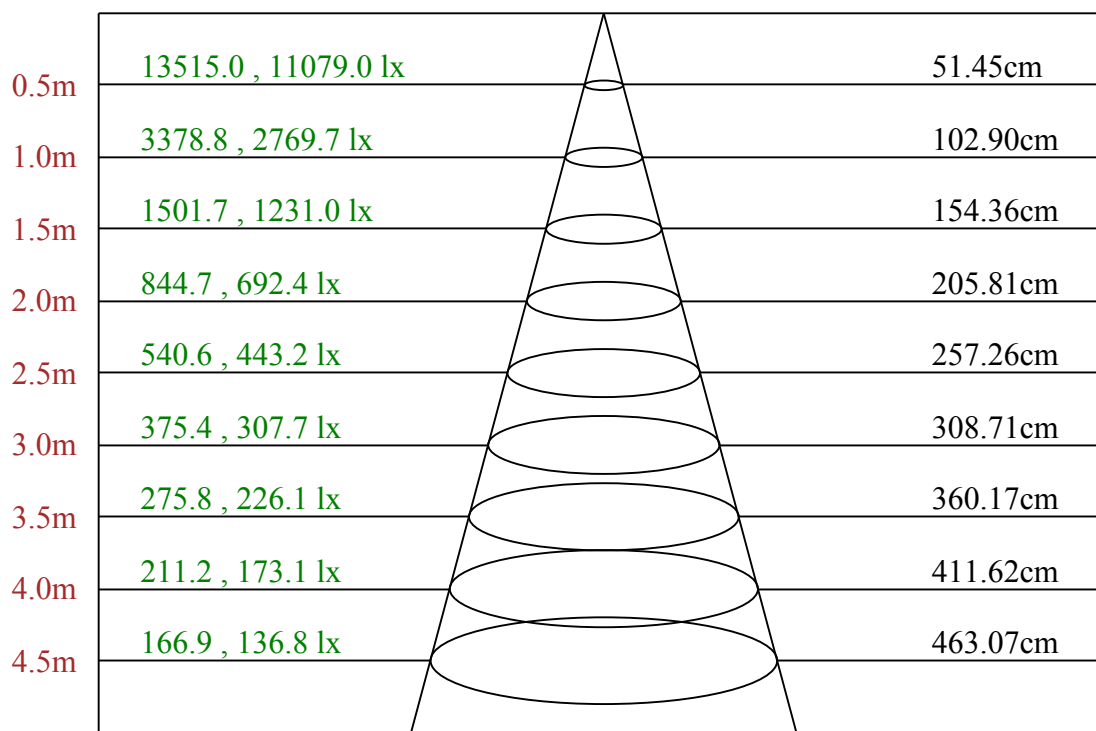
测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/3/28
环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

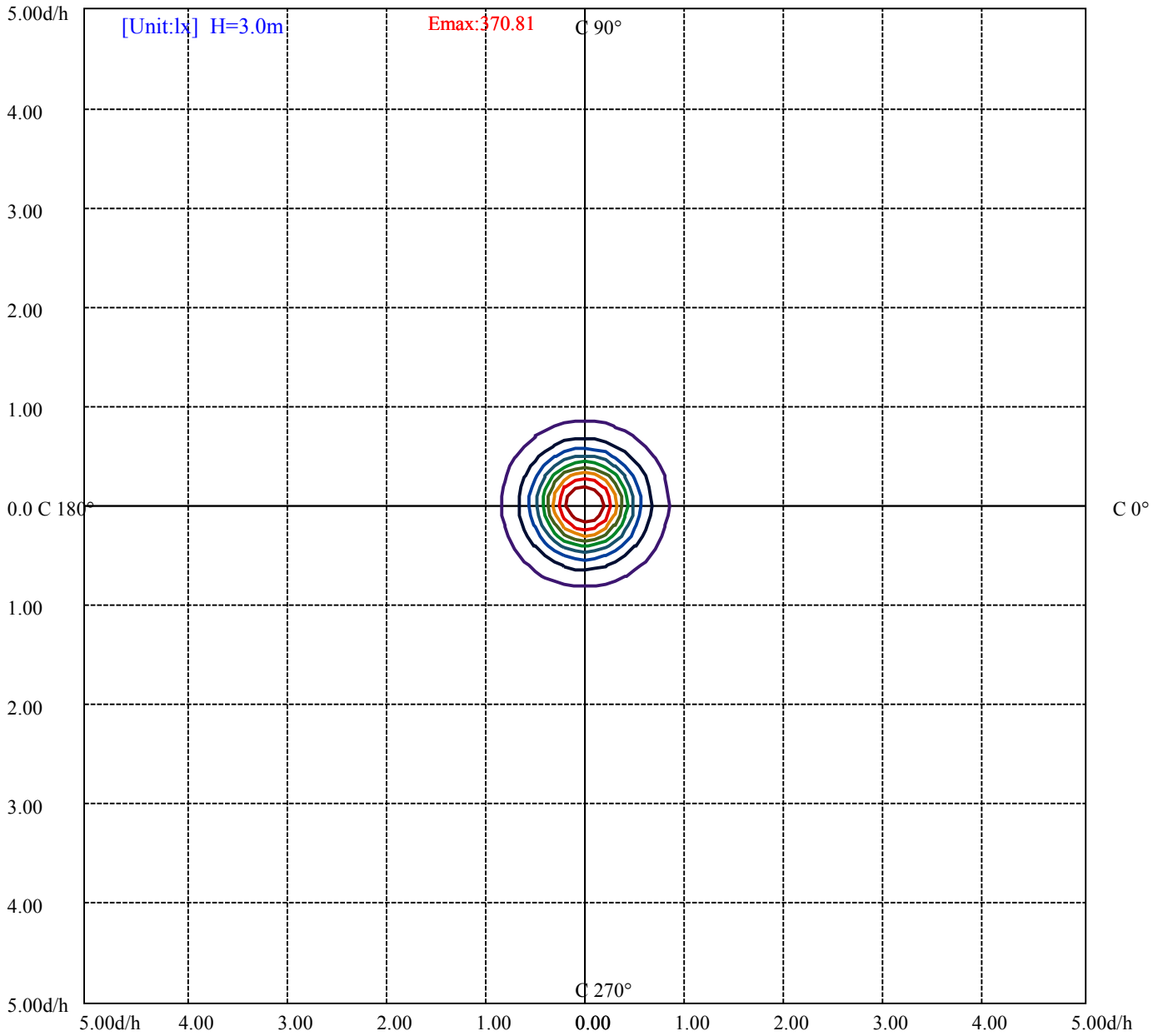


C120(Max): —
C0/C180: —
C90/C270: —



Max , Ave C120面光束角54.43

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平面等照度曲线



(10%Emax) 37.08133	——
(20%Emax) 74.16267	——
(30%Emax) 111.2444	——
(40%Emax) 148.3256	——
(50%Emax) 185.4067	——
(60%Emax) 222.4878	——
(70%Emax) 259.5689	——
(80%Emax) 296.65	——
(90%Emax) 333.7322	——

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灯具的亮度限制曲线(灯具无发光侧边)

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亮度值表

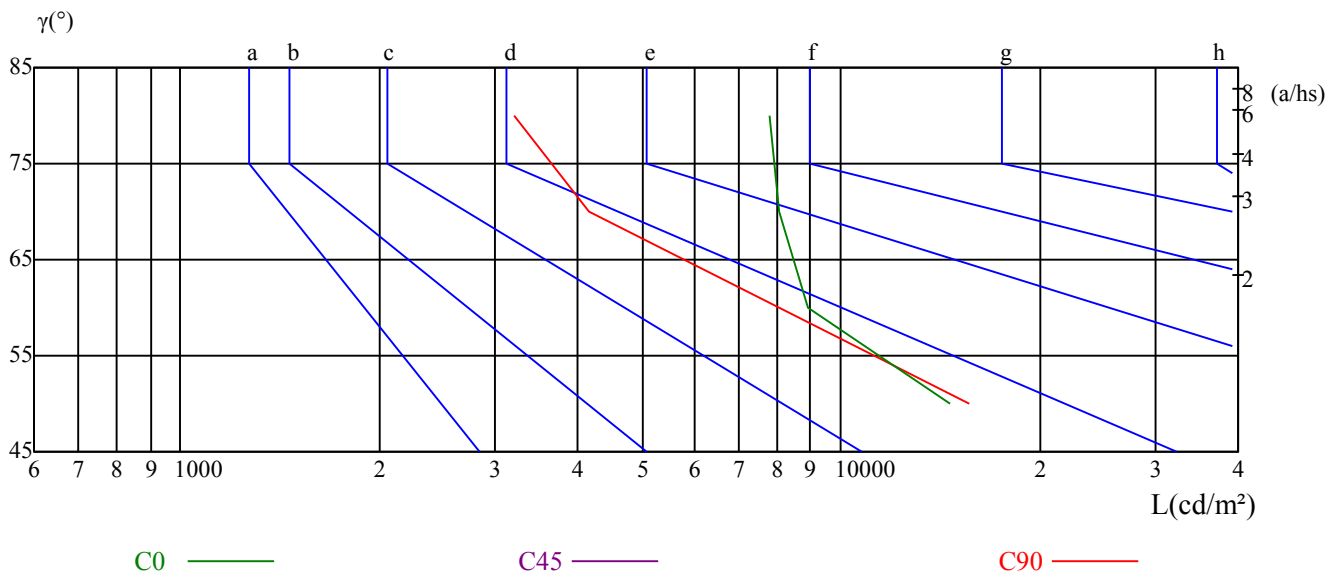
γ	45	50	55	60	65	70	75	80	85
C0	0	14644	0	8927	0	8055	0	7785	0
C45	0	0	0	0	0	0	0	0	0
C90	0	15638	0	8061	0	4145	0	3204	0

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



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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	11.72	12.92	12.09	13.23	13.55	13.24	14.44	13.60	14.75	15.07
	3H	12.27	13.33	12.65	13.66	14.03	14.50	15.56	14.88	15.90	16.26
	4H	12.44	13.43	12.85	13.78	14.17	15.02	16.01	15.42	16.36	16.74
	6H	12.54	13.45	12.96	13.82	14.21	15.42	16.33	15.84	16.70	17.10
	8H	12.56	13.42	13.00	13.81	14.22	15.57	16.42	16.00	16.81	17.22
	12H	12.62	13.44	13.05	13.82	14.25	15.75	16.57	16.18	16.95	17.38
4H	2H	12.16	13.14	12.56	13.50	13.88	13.44	14.43	13.85	14.78	15.17
	3H	12.80	13.61	13.22	14.01	14.42	14.92	15.73	15.33	16.13	16.54
	4H	13.02	13.74	13.46	14.16	14.61	15.50	16.22	15.94	16.64	17.09
	6H	13.14	13.76	13.61	14.21	14.68	15.91	16.53	16.38	16.98	17.45
	8H	13.18	13.76	13.65	14.20	14.68	16.09	16.66	16.56	17.11	17.59
	12H	13.25	13.76	13.74	14.24	14.72	16.29	16.80	16.78	17.28	17.76
8H	4H	13.17	13.75	13.64	14.20	14.67	15.47	16.05	15.94	16.49	16.97
	6H	13.33	13.79	13.83	14.29	14.78	15.90	16.37	16.41	16.87	17.35
	8H	13.40	13.81	13.92	14.33	14.83	16.10	16.52	16.63	17.04	17.53
	12H	14.06	14.43	14.58	14.93	15.50	16.87	17.23	17.38	17.73	18.30
12H	4H	13.15	13.65	13.64	14.14	14.62	15.42	15.93	15.91	16.42	16.89
	6H	13.79	13.73	13.85	14.20	14.75	16.33	16.28	16.39	16.75	17.29
	8H	13.42	13.78	13.93	14.28	14.85	16.08	16.45	16.60	16.94	17.52
对应照射距离，改变观察者位置S											
S = 1.0H	1.1/-1.8					0.8/-1.2					
S = 1.5H	2.5/-2.8					1.6/-1.9					
S = 2.0H	4.7/-3.7					3.5/-2.1					
标准表格	BK2					BK2					
更正系数	2.5					3.4					

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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	3371.85	3365.71	3351.13	3322.74	3275.93	3209.17	3116.31	3005.81	2846.20
30.0	3339.62	3342.69	3334.25	3312.76	3277.46	3218.37	3146.24	3042.65	2912.96
60.0	3335.02	3339.62	3335.02	3319.67	3286.67	3226.82	3156.22	3054.16	2927.54
90.0	3322.74	3328.88	3324.27	3312.76	3282.83	3233.72	3164.66	3072.57	2957.47
120.0	3373.38	3378.76	3371.85	3354.20	3316.60	3257.51	3181.54	3077.18	2950.56
150.0	3373.38	3375.69	3368.78	3347.29	3310.46	3252.91	3170.03	3060.30	2922.17
180.0	3371.85	3367.25	3350.36	3319.67	3270.56	3202.26	3103.27	2982.02	2825.48
210.0	3339.62	3330.41	3306.62	3264.42	3203.03	3123.99	3017.32	2880.73	2707.30
240.0	3335.02	3324.27	3300.48	3259.05	3203.79	3134.73	3034.20	2896.84	2714.98
270.0	3322.74	3311.23	3286.67	3253.67	3206.10	3127.82	3020.39	2874.59	2705.00
300.0	3373.38	3364.94	3342.69	3298.95	3240.63	3153.92	3041.11	2902.22	2735.70
330.0	3373.38	3362.64	3340.39	3301.25	3242.93	3161.59	3049.55	2919.87	2747.97
360.0	3371.85	3365.71	3351.13	3322.74	3275.93	3209.17	3116.31	3005.81	2846.20
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	2671.24	2470.95	2257.62	2028.94	1816.38	1619.93	1429.62	1260.03	1101.18
30.0	2742.60	2540.01	2312.87	2095.70	1875.47	1669.04	1490.24	1315.28	1164.11
60.0	2756.41	2571.48	2352.77	2134.07	1903.86	1690.53	1511.58	1326.49	1159.20
90.0	2802.46	2623.66	2396.52	2176.28	1946.83	1741.94	1544.73	1355.95	1190.97
120.0	2778.67	2592.96	2374.26	2146.35	1930.72	1718.15	1529.76	1354.42	1185.83
150.0	2752.58	2563.04	2332.06	2117.19	1895.42	1691.30	1494.85	1313.75	1156.44
180.0	2650.52	2437.19	2209.28	1993.64	1762.66	1530.38	1390.49	1225.35	1068.57
210.0	2525.43	2317.48	2106.45	1891.58	1691.30	1512.65	1353.80	1197.11	1048.47
240.0	2518.53	2306.73	2095.70	1884.68	1695.13	1503.29	1332.93	1174.09	1026.75
270.0	2526.97	2314.41	2092.63	1872.40	1668.28	1484.34	1307.76	1154.75	1008.26
300.0	2538.48	2328.22	2113.35	1890.05	1687.46	1490.24	1317.58	1158.74	1010.63
330.0	2566.11	2357.38	2129.47	1923.04	1716.62	1526.77	1349.81	1193.35	1041.48
360.0	2671.24	2470.95	2257.62	2028.94	1816.38	1619.93	1429.62	1260.03	1101.18
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	966.89	843.35	735.91	635.39	549.44	471.17	403.64	350.54	299.28
30.0	1021.38	893.23	775.82	672.99	586.28	506.47	438.94	389.06	328.21
60.0	1011.17	885.17	766.76	668.08	576.30	495.88	425.59	365.81	310.71
90.0	1032.12	903.20	781.19	679.90	584.74	501.10	428.20	374.33	305.03
120.0	1036.80	907.12	784.72	678.21	588.27	503.01	415.53	351.00	299.20
150.0	1009.87	878.65	762.00	664.55	574.76	498.03	428.20	388.29	319.07
180.0	936.66	812.50	702.38	606.61	521.82	450.99	386.76	334.42	287.84
210.0	924.92	807.36	705.37	613.98	532.64	459.04	399.65	345.01	298.43
240.0	902.43	789.63	683.73	592.41	497.26	402.87	344.17	291.99	245.48
270.0	886.78	770.22	629.86	523.04	446.38	375.02	317.16	259.14	207.96
300.0	886.32	771.98	666.85	574.76	488.82	402.87	342.33	292.22	244.95
330.0	917.32	799.45	692.33	605.38	523.96	450.60	389.06	338.03	291.14
360.0	966.89	843.35	735.91	635.39	549.44	471.17	403.64	350.54	299.28
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	259.22	217.32	187.93	166.21	150.56	136.13	123.93	113.49	102.60
30.0	288.38	255.15	228.52	205.20	179.18	149.87	133.29	117.41	101.45
60.0	264.05	225.69	189.62	160.84	137.97	119.63	101.45	82.72	64.77
90.0	249.24	205.66	173.04	150.10	128.69	108.51	87.63	67.99	52.80
120.0	253.00	214.94	179.41	151.10	128.61	110.50	92.78	74.82	57.25
150.0	278.79	244.41	216.48	194.76	170.36	148.18	132.53	116.72	100.60
180.0	250.09	210.18	184.48	164.99	149.02	135.98	123.85	112.57	102.44
210.0	263.98	233.97	206.42	170.28	149.56	132.53	116.95	102.06	85.56
240.0	205.50	172.81	147.18	125.70	108.35	89.94	71.67	54.10	39.67
270.0	173.27	147.11	125.54	106.51	88.71	68.37	52.72	42.44	38.29
300.0	205.96	171.82	144.34	123.70	107.13	89.94	73.44	56.25	41.82
330.0	253.08	223.61	196.29	166.60	146.03	130.07	114.49	99.61	83.26
360.0	259.22	217.32	187.93	166.21	150.56	136.13	123.93	113.49	102.60

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C/γ(°)	72.0	74.0	76.0	78.0	80.0	82.0	84.0	86.0	88.0
0.0	92.47	82.26	72.06	61.08	50.34	38.22	26.70	15.73	4.91
30.0	84.95	68.22	51.80	34.53	21.41	15.19	9.75	4.91	3.76
60.0	48.50	38.91	33.23	27.70	19.49	12.74	10.21	8.44	4.76
90.0	45.28	40.44	36.22	28.32	20.72	14.20	13.05	10.36	6.06
120.0	41.82	33.69	29.31	24.71	17.65	11.66	9.36	7.90	4.53
150.0	83.87	67.38	49.50	32.46	18.42	13.35	8.75	4.45	3.45
180.0	92.32	82.11	71.60	60.78	49.34	38.14	26.63	15.50	4.76
210.0	68.83	49.88	33.30	19.49	14.20	10.74	6.06	4.30	1.84
240.0	32.46	28.62	25.63	19.11	13.58	10.21	8.90	5.37	1.46
270.0	35.38	31.39	24.40	18.19	13.81	12.82	9.75	5.29	0.84
300.0	34.22	29.47	26.09	18.88	12.97	9.67	8.44	5.06	1.46
330.0	66.76	49.73	33.53	20.11	14.35	10.59	5.60	4.07	1.76
360.0	92.47	82.26	72.06	61.08	50.34	38.22	26.70	15.73	4.91

C/γ(°)	90.0
0.0	0.23
30.0	0.77
60.0	1.15
90.0	1.61
120.0	1.07
150.0	0.84
180.0	0.31
210.0	0.23
240.0	0.23
270.0	0.23
300.0	0.23
330.0	0.23
360.0	0.23