

浙大三色

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ROLED

灯具名称: 投光灯

灯具描述: F3072A-48-UN(60-OL-48WN-AA, L450mm, C, CT)

报告编号:

电压(V): 220.5000

测试编号: 20210330003

电流(A): 0.2650

光源规格型号: OL

功率(W): 53.6000

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): 4821.86

灯具效能(lm/w): 89.96

中心光强(cd): 4651.066

最大光强(cd): 4715.526

最大光强角度: C=30.0 γ =0.0

半峰边角(50%Imax): [C0/180]Total=54.1

[C90/270]Total=54.4

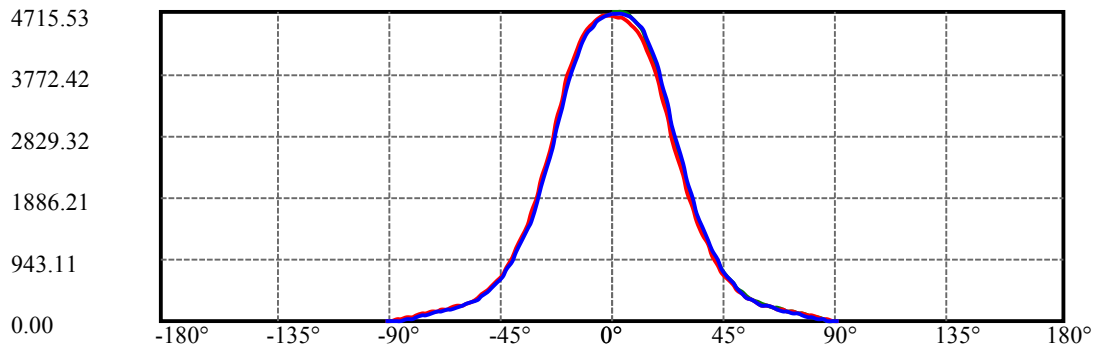
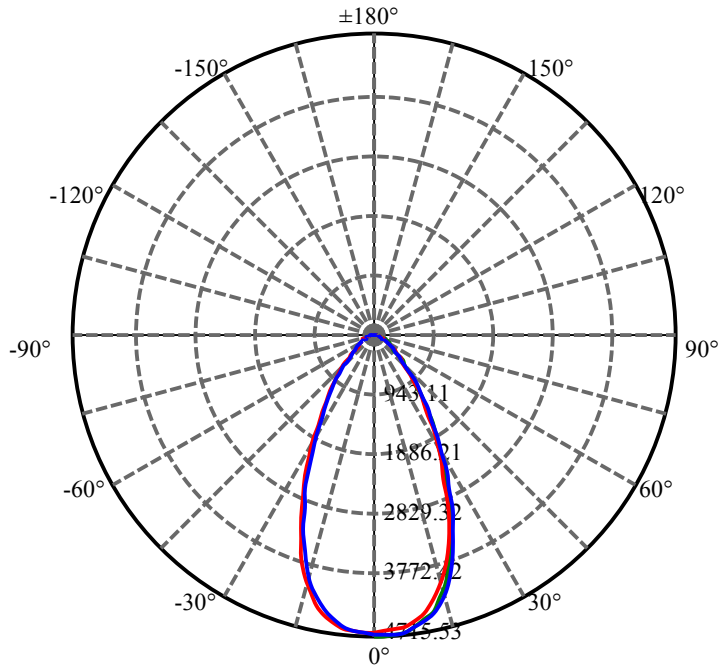
光束扩散角(10%Imax): [C0/180]Total=100.0

[C90/270]Total=99.5

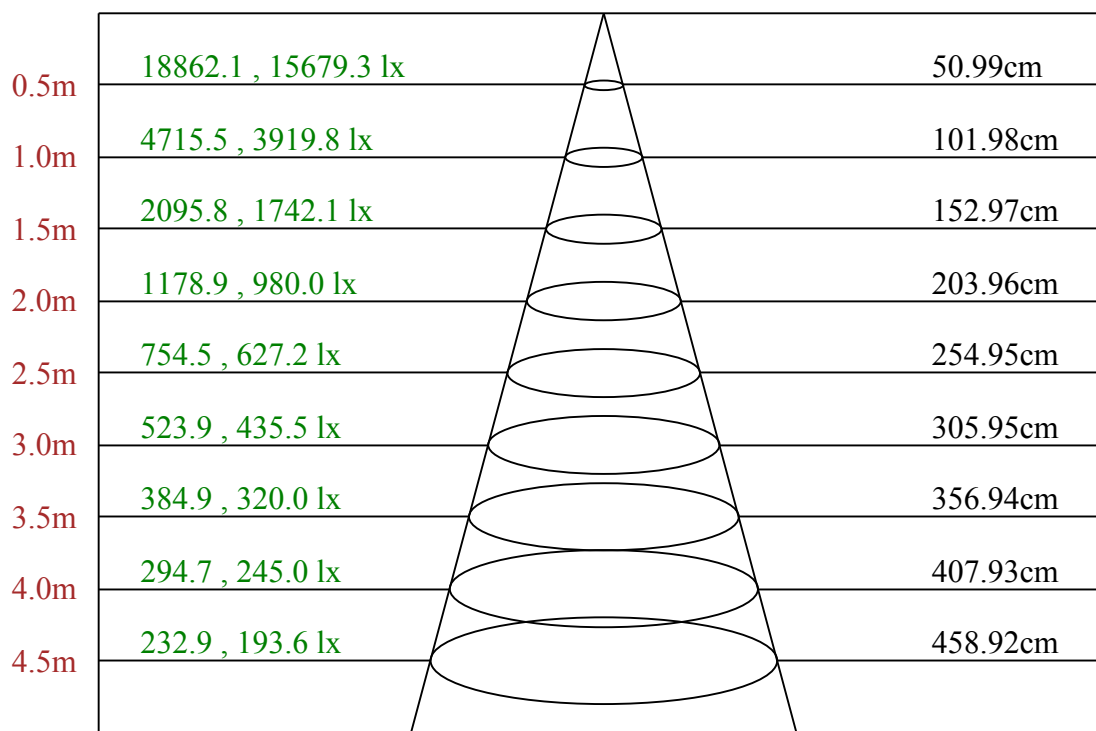
测试设备: GMS1800
环境温度(°C): 25.0

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

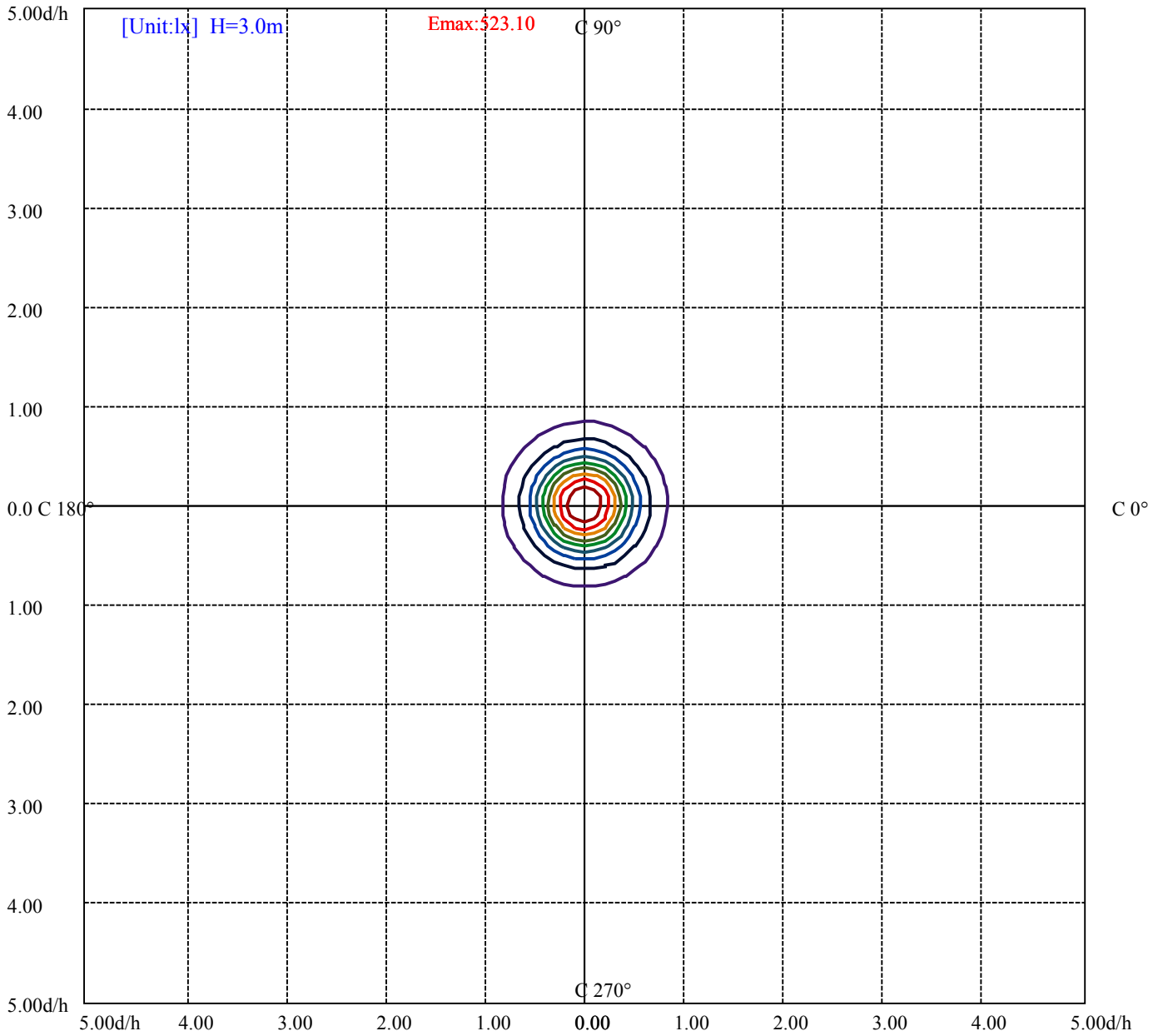


C30(Max): ————
C0/C180: ————
C90/C270: ————



Max , Ave C30面光束角54.02

ROLED 投光灯
平面等照度曲线



- (10%Emax) 52.30944
- (20%Emax) 104.6189
- (30%Emax) 156.9289
- (40%Emax) 209.2378
- (50%Emax) 261.5478
- (60%Emax) 313.8567
- (70%Emax) 366.1667
- (80%Emax) 418.4756
- (90%Emax) 470.7855

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ROLED 投光灯

灯具的亮度限制曲线(灯具无发光侧边)

亮度值表

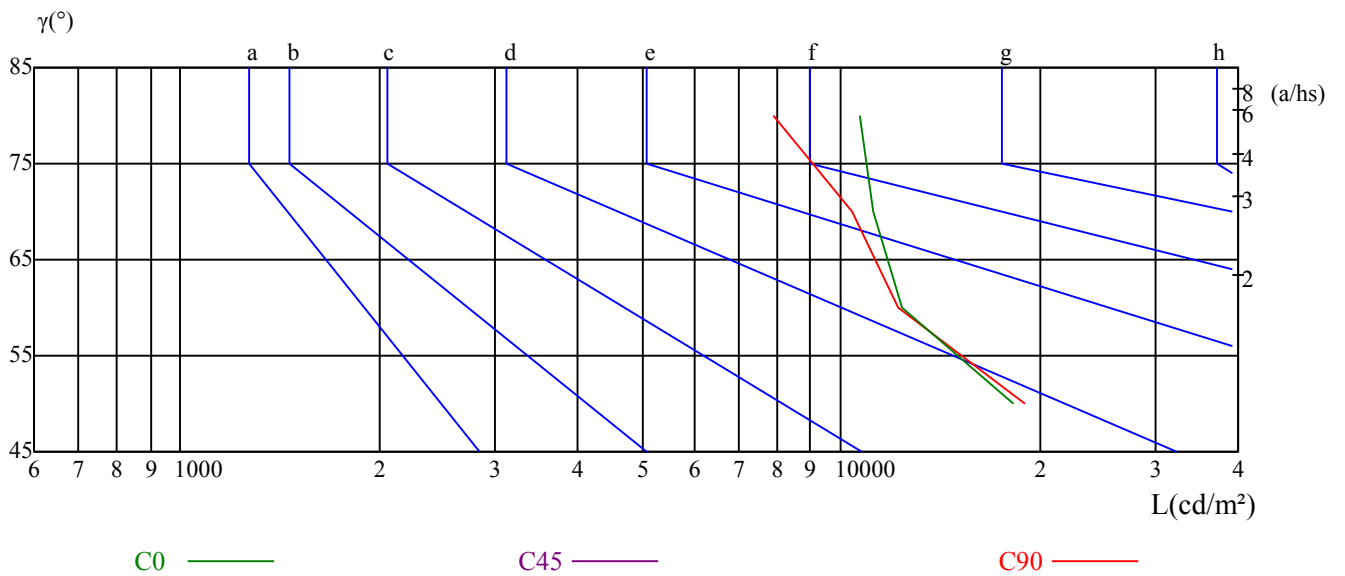
γ	45	50	55	60	65	70	75	80	85
C0	0	18307	0	12387	0	11171	0	10715	0
C45	0	0	0	0	0	0	0	0	0
C90	0	19050	0	12253	0	10378	0	7888	0

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	12.52	13.74	12.88	14.05	14.37	12.82	14.04	13.19	14.36	14.67
	3H	13.91	15.00	14.29	15.33	15.69	14.33	15.42	14.71	15.75	16.11
	4H	14.44	15.46	14.85	15.81	16.19	14.96	15.98	15.37	16.33	16.71
	6H	14.75	15.68	15.17	16.05	16.45	15.47	16.39	15.88	16.77	17.16
	8H	14.81	15.68	15.24	16.08	16.48	15.62	16.50	16.06	16.89	17.30
	12H	14.84	15.68	15.28	16.06	16.50	15.80	16.64	16.23	17.02	17.45
4H	2H	12.99	14.00	13.39	14.35	14.74	13.24	14.25	13.64	14.60	14.99
	3H	14.60	15.43	15.02	15.84	16.24	15.01	15.84	15.43	16.25	16.65
	4H	15.26	16.00	15.70	16.42	16.87	15.78	16.52	16.21	16.94	17.38
	6H	15.60	16.24	16.06	16.69	17.15	16.29	16.93	16.76	17.38	17.85
	8H	15.68	16.27	16.15	16.72	17.19	16.50	17.09	16.97	17.54	18.01
	12H	15.72	16.24	16.20	16.72	17.20	16.68	17.21	17.17	17.69	18.17
8H	4H	15.51	16.11	15.98	16.55	17.03	15.97	16.57	16.44	17.01	17.49
	6H	15.94	16.43	16.45	16.93	17.41	16.61	17.09	17.11	17.59	18.07
	8H	16.07	16.50	16.59	17.01	17.51	16.88	17.31	17.40	17.82	18.32
	12H	16.62	17.00	17.14	17.50	18.07	17.53	17.91	18.05	18.41	18.98
12H	4H	15.52	16.04	16.01	16.53	17.00	15.96	16.48	16.44	16.96	17.44
	6H	16.49	16.41	16.51	16.88	17.43	17.12	17.05	17.15	17.52	18.06
	8H	16.13	16.51	16.65	17.01	17.58	16.92	17.30	17.44	17.79	18.37
对应照射距离，改变观察者位置S											
S = 1.0H	0.9/-1.3					0.7/-1.1					
S = 1.5H	1.8/-1.6					1.4/-1.4					
S = 2.0H	3.5/-1.8					2.9/-1.5					
标准表格	BK3					BK3					
更正系数	4.7					4.9					

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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	4651.07	4639.56	4619.60	4578.93	4510.64	4411.64	4281.96	4125.41	3914.38
30.0	4715.53	4714.76	4703.25	4675.62	4621.91	4525.98	4410.11	4250.50	4053.28
60.0	4700.18	4704.01	4700.95	4681.76	4629.58	4539.80	4425.46	4267.38	4070.16
90.0	4681.76	4688.67	4687.13	4670.25	4624.21	4548.24	4439.27	4301.91	4111.60
120.0	4672.55	4678.69	4675.62	4654.90	4603.49	4514.47	4397.06	4247.43	4043.30
150.0	4661.04	4667.95	4665.65	4642.62	4589.68	4499.89	4380.95	4233.61	4028.72
180.0	4651.07	4653.37	4642.62	4606.56	4542.10	4442.34	4315.72	4152.27	3933.57
210.0	4715.53	4710.15	4688.67	4640.32	4554.38	4440.80	4291.93	4100.09	3856.83
240.0	4700.18	4690.97	4666.41	4615.00	4536.73	4417.02	4261.24	4072.46	3849.16
270.0	4681.76	4669.48	4638.79	4583.54	4493.75	4379.41	4229.78	4037.17	3795.44
300.0	4672.55	4659.51	4633.42	4578.93	4500.66	4383.25	4234.38	4051.75	3836.11
330.0	4661.04	4646.46	4618.84	4568.19	4483.78	4367.14	4220.57	4032.56	3807.72
360.0	4651.07	4639.56	4619.60	4578.93	4510.64	4411.64	4281.96	4125.41	3914.38
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	3660.38	3398.71	3091.76	2792.48	2490.14	2225.39	1964.48	1729.67	1520.94
30.0	3805.42	3542.21	3236.79	2922.17	2615.22	2327.45	2069.61	1815.61	1599.21
60.0	3816.16	3553.72	3247.54	2932.14	2635.94	2345.87	2085.73	1817.15	1566.98
90.0	3876.78	3607.43	3315.83	2998.91	2682.75	2400.35	2124.86	1875.47	1626.07
120.0	3800.05	3518.42	3225.28	2909.12	2613.68	2320.55	2047.36	1794.13	1523.70
150.0	3797.74	3519.19	3206.86	2888.40	2592.96	2300.59	2027.41	1787.22	1557.77
180.0	3677.27	3378.76	3073.34	2754.88	2444.86	2174.74	1911.53	1670.58	1464.77
210.0	3602.83	3305.09	2994.30	2681.21	2385.77	2101.08	1847.07	1626.07	1422.56
240.0	3572.14	3279.77	2978.95	2662.03	2374.26	2094.17	1851.68	1623.77	1427.32
270.0	3524.56	3239.86	2914.49	2623.66	2335.13	2061.17	1813.31	1528.77	1398.16
300.0	3568.30	3300.48	2993.53	2684.28	2413.40	2140.21	1883.14	1657.53	1456.48
330.0	3549.11	3281.30	2974.35	2679.68	2408.03	2131.00	1882.37	1650.63	1457.40
360.0	3660.38	3398.71	3091.76	2792.48	2490.14	2225.39	1964.48	1729.67	1520.94
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	1323.72	1157.97	992.22	860.23	742.05	639.99	548.67	472.70	409.01
30.0	1396.62	1213.99	1051.31	908.57	788.86	678.36	587.04	505.70	434.33
60.0	1401.92	1224.66	1057.90	912.95	790.78	678.44	582.05	497.34	427.35
90.0	1427.32	1238.54	1077.40	927.76	796.54	686.80	578.60	491.89	415.15
120.0	1382.97	1198.03	1042.63	899.44	778.96	662.63	572.85	489.59	420.60
150.0	1355.95	1175.62	1023.68	884.02	762.00	659.18	566.32	489.59	418.99
180.0	1282.98	1110.62	966.36	833.52	716.58	615.28	532.48	457.51	397.42
210.0	1248.29	1083.69	941.34	814.65	703.07	603.62	521.28	453.44	392.59
240.0	1240.85	1079.70	931.59	804.98	700.61	600.86	521.05	449.68	388.29
270.0	1226.42	1063.12	915.94	797.07	686.26	586.28	501.25	429.65	366.81
300.0	1265.40	1099.65	954.62	821.86	709.82	608.53	526.42	454.29	392.13
330.0	1273.15	1114.77	962.06	832.99	717.65	620.81	535.24	461.19	401.11
360.0	1323.72	1157.97	992.22	860.23	742.05	639.99	548.67	472.70	409.01
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	355.99	312.71	276.18	248.78	225.07	204.97	186.70	170.20	153.48
30.0	387.52	333.96	295.59	264.59	240.50	218.32	198.60	178.34	160.15
60.0	365.58	317.85	277.79	246.71	221.08	199.90	179.11	160.23	143.42
90.0	359.52	312.55	275.10	246.10	220.16	196.60	177.03	160.23	142.58
120.0	359.98	311.02	273.95	243.57	218.47	196.52	177.19	158.54	141.27
150.0	376.86	323.22	288.30	258.53	234.20	213.71	193.69	175.19	156.70
180.0	345.55	303.57	269.58	241.80	219.85	199.67	183.02	166.44	150.18
210.0	346.85	307.26	274.49	248.63	227.37	206.88	187.85	169.97	150.79
240.0	335.04	295.29	260.91	234.20	212.87	191.84	173.04	154.01	136.59
270.0	320.07	284.70	253.85	228.91	205.50	186.09	168.13	150.10	134.37
300.0	340.10	297.43	262.52	236.58	214.10	193.00	174.12	156.01	137.90
330.0	350.84	311.71	276.03	250.78	227.83	208.19	189.16	170.74	153.01
360.0	355.99	312.71	276.18	248.78	225.07	204.97	186.70	170.20	153.48

测试设备: GMS1800
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测试人员: anpeilou
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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	138.59	123.55	107.28	91.70	74.74	56.79	38.75	21.10	5.06
30.0	141.27	123.24	104.06	85.03	68.83	51.03	30.46	14.35	4.30
60.0	126.08	110.81	92.85	74.05	53.95	37.06	19.34	9.44	4.14
90.0	127.61	110.81	91.55	71.37	55.02	33.23	16.27	9.98	4.99
120.0	124.78	109.35	91.62	71.67	52.95	35.30	17.34	8.98	4.07
150.0	139.05	120.55	102.44	83.41	66.07	48.19	28.32	12.20	3.61
180.0	134.52	120.17	103.90	87.63	71.06	53.03	35.15	18.11	3.15
210.0	132.83	112.11	93.77	75.36	58.63	38.52	21.41	6.22	2.30
240.0	120.40	105.51	85.95	65.07	48.57	27.24	13.58	6.37	3.45
270.0	118.25	99.22	79.04	61.31	40.21	22.64	13.97	6.52	3.53
300.0	121.40	106.74	87.17	66.99	49.11	28.55	13.81	6.68	3.68
330.0	134.60	115.49	95.85	77.97	60.55	41.44	23.64	7.90	2.38
360.0	138.59	123.55	107.28	91.70	74.74	56.79	38.75	21.10	5.06

C/γ(°)	90.0
0.0	0.54
30.0	1.53
60.0	2.00
90.0	2.23
120.0	1.69
150.0	1.07
180.0	0.38
210.0	0.46
240.0	0.38
270.0	0.31
300.0	0.38
330.0	0.38
360.0	0.54