

浙大三色

Email:sensing@sensingm.com

Tel:+86 571 85021543 Fax:+86 571 87977635

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## ROLED

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灯具名称: 投光灯

灯具描述: F3053A-36-36DC (20-OL-36WN-AA, P1)

报告编号:

电压(V): 36.0000

测试编号: 20210327007

电流(A): 1.0020

光源规格型号: OL

功率(W): 36.1000

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

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## 光度结果

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灯具光通量(lm): 3709.81

灯具效能(lm/w): 102.76

中心光强(cd): 15332.170

最大光强(cd): 15792.600

最大光强角度: C=120.0  $\gamma=0.0$

半峰边角(50%Imax): [C0/180]Total=21.9

[C90/270]Total=20.9

光束扩散角(10%Imax): [C0/180]Total=45.2

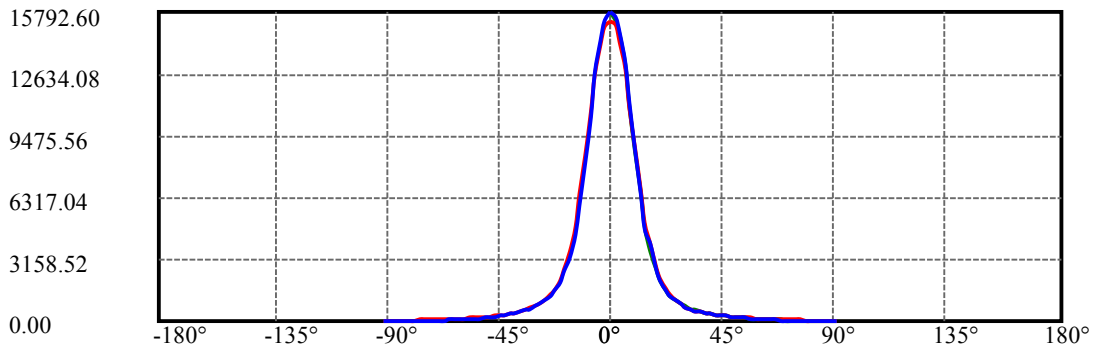
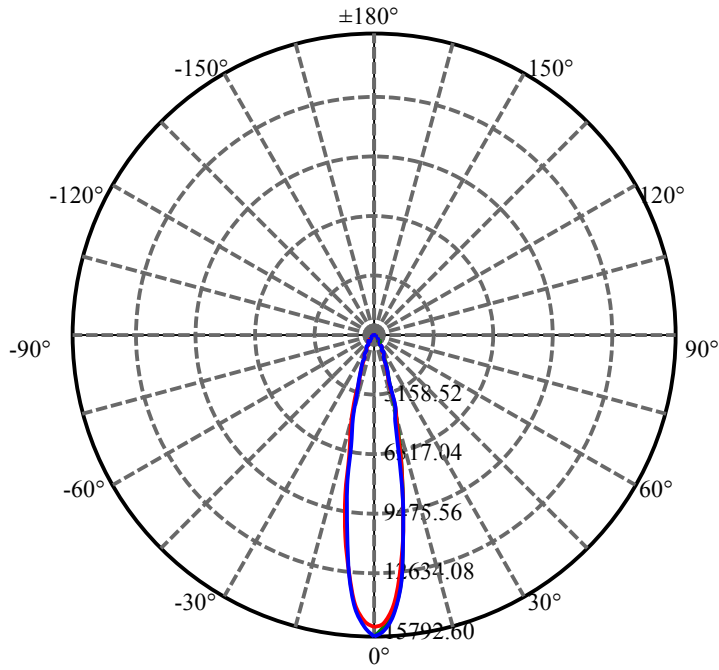
[C90/270]Total=44.0

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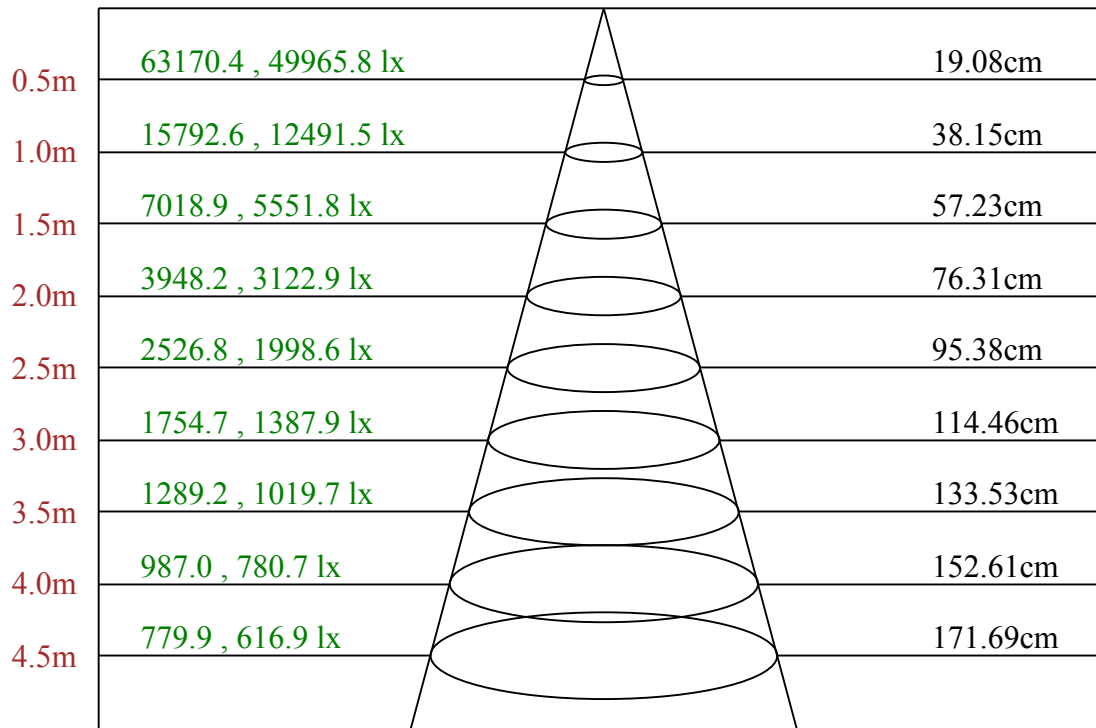
测试设备: GMS1800  
环境温度(°C): 25.0

测试日期: 2021/3/27  
环境湿度(%): 60.0%

测试人员: anpeilou  
测试距离(m): 8.76

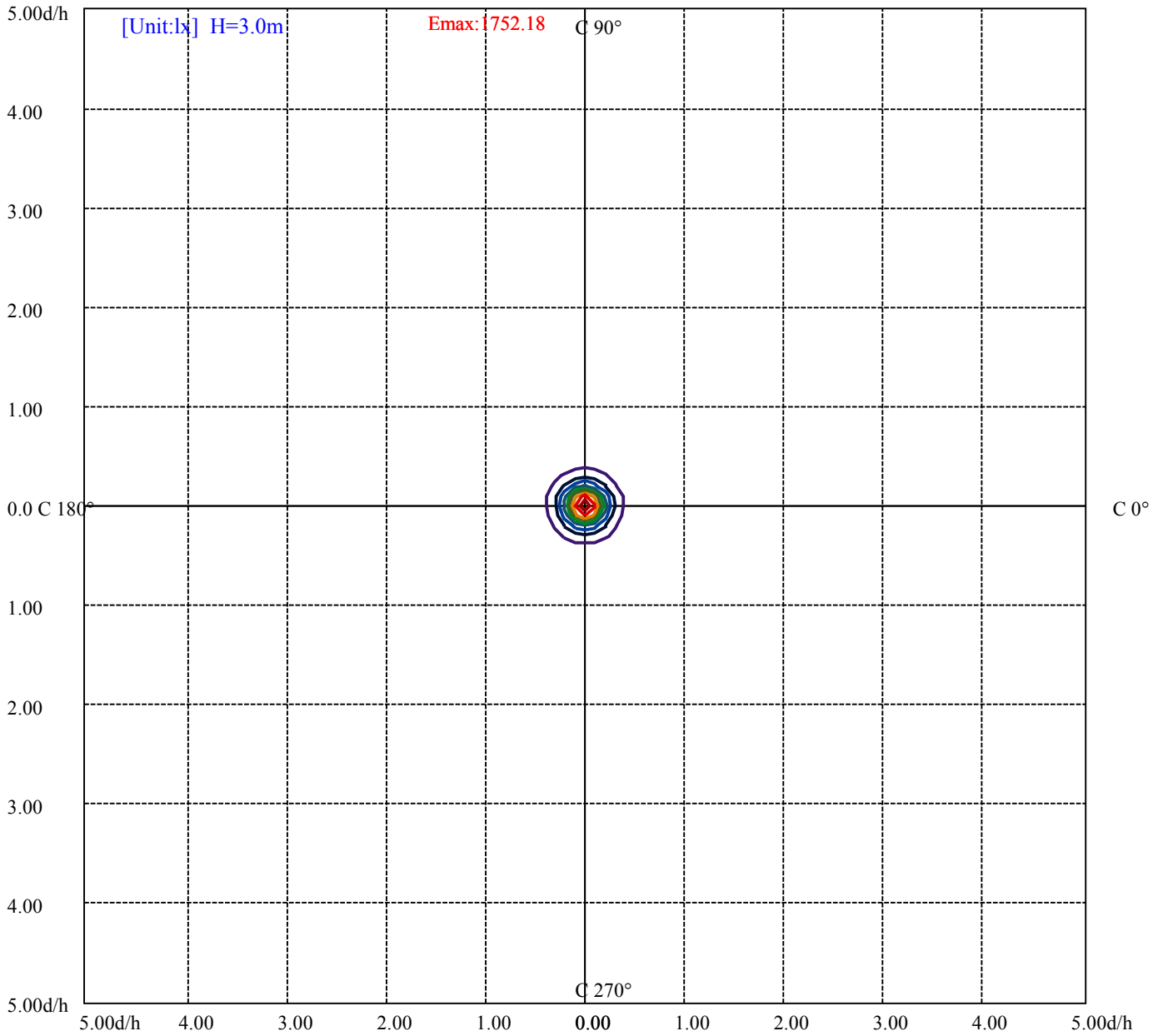


C120(Max): ——  
C0/C180: ——  
C90/C270: ——



Max , Ave C120面光束角21.60

ROLED 投光灯  
平面等照度曲线



- (10%Emax) 175.2167
- (20%Emax) 350.4344
- (30%Emax) 525.6511
- (40%Emax) 700.8689
- (50%Emax) 876.0856
- (60%Emax) 1051.303
- (70%Emax) 1226.522
- (80%Emax) 1401.733
- (90%Emax) 1576.956

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测试人员: anpeilou  
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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

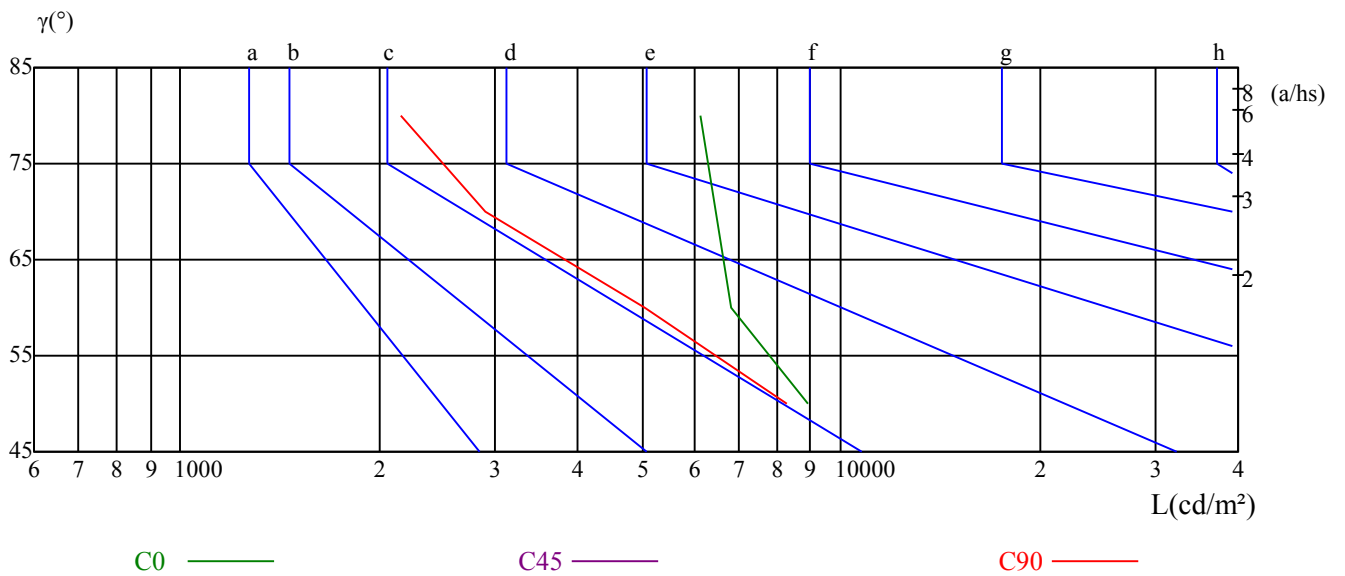
$\gamma$	45	50	55	60	65	70	75	80	85
C0	0	8906	0	6804	0	6483	0	6135	0
C45	0	0	0	0	0	0	0	0	0
C90	0	8280	0	5040	0	2904	0	2160	0

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	8.58	9.64	8.94	9.96	10.27	10.72	11.79	11.09	12.10	12.42
	3H	9.18	10.12	9.56	10.45	10.82	12.22	13.16	12.60	13.49	13.86
	4H	9.43	10.31	9.84	10.66	11.05	12.76	13.63	13.16	13.99	14.37
	6H	9.58	10.38	9.99	10.75	11.15	13.17	13.97	13.59	14.35	14.74
	8H	9.61	10.37	10.05	10.76	11.17	13.31	14.07	13.75	14.46	14.87
	12H	9.70	10.42	10.13	10.80	11.23	13.49	14.21	13.93	14.60	15.03
4H	2H	9.17	10.04	9.57	10.39	10.78	10.93	11.81	11.34	12.16	12.55
	3H	9.83	10.55	10.25	10.96	11.36	12.65	13.37	13.07	13.77	14.18
	4H	10.13	10.77	10.57	11.20	11.64	13.23	13.86	13.66	14.29	14.74
	6H	10.30	10.84	10.76	11.29	11.76	13.64	14.18	14.11	14.63	15.11
	8H	10.35	10.86	10.82	11.31	11.78	13.81	14.32	14.28	14.77	15.24
	12H	10.45	10.89	10.94	11.38	11.86	14.01	14.45	14.50	14.94	15.41
8H	4H	10.32	10.83	10.80	11.28	11.75	13.16	13.67	13.64	14.12	14.60
	6H	10.53	10.94	11.04	11.44	11.92	13.59	14.00	14.10	14.50	14.99
	8H	10.63	10.99	11.16	11.51	12.01	13.80	14.16	14.33	14.68	15.17
	12H	11.29	11.60	11.81	12.10	12.68	14.61	14.92	15.13	15.42	16.00
12H	4H	10.29	10.74	10.78	11.22	11.70	13.12	13.56	13.61	14.04	14.52
	6H	10.86	10.88	11.05	11.35	11.90	13.88	13.91	14.08	14.38	14.93
	8H	10.65	10.96	11.17	11.46	12.04	13.77	14.08	14.29	14.58	15.16
对应照射距离，改变观察者位置S											
S = 1.0H	0.6/-1.0					0.4/-0.6					
S = 1.5H	1.3/-1.8					1.0/-1.1					
S = 2.0H	3.5/-2.8					2.2/-1.2					
标准表格	BK3					BK2					
更正系数	-1.1					0.0					

# 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	15332.17	15117.31	14250.17	12822.85	10912.09	8847.85	6699.19	4987.94	3882.92
30.0	15777.25	15524.02	14672.23	13160.50	11111.60	8763.43	6706.87	4903.53	3944.31
60.0	15761.90	15290.73	14451.22	12933.36	10760.15	8541.66	6414.50	4655.67	3446.29
90.0	15754.23	15539.36	14695.25	13191.19	11180.67	8740.41	6499.67	4696.34	3882.92
120.0	15792.60	15302.24	14580.91	13021.60	10978.85	8637.58	6589.46	4789.96	3509.21
150.0	15754.23	15547.04	14748.97	13198.87	11257.41	8932.26	6752.91	5026.31	3913.62
180.0	15332.17	15018.32	14099.00	12576.53	10658.09	8466.46	6439.05	4799.94	3483.89
210.0	15777.25	15308.38	14440.48	12779.11	10728.68	8343.68	6211.91	4531.36	3368.78
240.0	15761.90	15493.32	14603.17	12968.65	10843.02	8609.96	6407.59	4719.36	3913.62
270.0	15754.23	15286.13	14329.21	12683.19	10440.92	8008.34	5929.51	4410.88	3263.65
300.0	15792.60	15531.69	14587.82	12930.29	10927.43	8579.26	6407.59	4734.71	3913.62
330.0	15754.23	15283.06	14351.47	12757.63	10634.30	8303.78	6244.91	4605.79	3446.29
360.0	15332.17	15117.31	14250.17	12822.85	10912.09	8847.85	6699.19	4987.94	3882.92
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	2747.21	2114.12	1651.39	1325.26	1077.40	884.78	733.61	623.11	527.95
30.0	2728.02	2088.80	1626.07	1296.10	1059.75	870.20	734.38	620.04	531.02
60.0	2578.38	1971.39	1518.41	1250.75	1010.56	837.74	696.32	584.89	498.33
90.0	2624.43	2051.20	1607.65	1282.29	1038.26	860.23	714.43	600.09	514.14
120.0	2647.45	2071.92	1523.32	1321.73	1085.38	895.83	755.02	631.93	545.14
150.0	2820.11	2181.65	1715.85	1376.67	1128.04	926.99	771.98	653.80	556.35
180.0	2670.47	2066.54	1602.28	1345.98	1109.70	917.17	767.38	646.21	550.36
210.0	2559.20	1992.88	1525.70	1280.60	1057.90	866.29	737.91	631.86	549.44
240.0	2667.40	2087.26	1672.88	1338.30	1099.65	909.34	765.07	649.20	554.05
270.0	2542.32	1999.01	1530.45	1291.88	1072.25	885.01	742.28	633.24	539.54
300.0	2675.84	2118.73	1677.48	1339.84	1096.58	913.18	757.40	640.76	549.44
330.0	2622.12	2067.31	1521.63	1332.09	1087.30	892.61	745.43	627.87	536.78
360.0	2747.21	2114.12	1651.39	1325.26	1077.40	884.78	733.61	623.11	527.95
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	454.29	396.73	348.01	306.49	274.41	247.86	229.29	213.18	196.60
30.0	462.73	404.41	357.14	316.77	284.54	256.23	234.05	214.87	198.44
60.0	431.11	379.24	334.50	299.35	268.89	243.80	222.00	203.35	185.17
90.0	444.31	390.59	344.17	308.18	275.79	249.09	224.07	198.21	172.89
120.0	473.47	417.76	368.72	328.13	295.44	257.07	221.39	199.98	182.18
150.0	480.38	418.22	387.52	331.05	298.05	268.89	244.79	225.07	206.65
180.0	477.61	414.77	365.73	323.45	288.38	258.61	233.74	213.18	194.38
210.0	478.23	418.37	369.95	329.59	295.59	266.59	244.10	223.69	205.81
240.0	481.91	422.82	387.52	330.20	289.61	242.57	218.24	197.52	176.34
270.0	470.09	409.70	346.09	290.07	256.99	226.30	197.29	169.90	142.19
300.0	471.94	413.62	365.96	322.76	281.78	238.88	215.02	194.15	173.81
330.0	463.26	406.25	355.83	315.70	281.78	254.00	230.67	210.34	194.30
360.0	454.29	396.73	348.01	306.49	274.41	247.86	229.29	213.18	196.60
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	177.34	150.25	138.13	126.69	117.10	108.35	99.53	91.24	82.57
30.0	184.63	171.51	159.31	147.72	132.30	117.49	106.67	95.15	82.11
60.0	166.29	146.88	125.93	106.13	89.86	77.81	65.69	54.10	41.52
90.0	147.41	124.39	106.74	93.85	81.42	69.29	56.63	45.12	36.99
120.0	162.76	141.66	121.63	101.68	85.72	73.28	62.16	50.26	38.83
150.0	190.46	176.42	164.37	152.09	132.60	118.41	106.90	95.46	82.57
180.0	179.26	164.83	142.12	129.46	119.02	109.73	100.76	92.32	83.41
210.0	189.39	174.88	161.07	139.82	125.85	114.03	102.91	90.01	74.90
240.0	154.24	133.75	111.88	93.08	79.35	67.07	55.94	43.97	32.15
270.0	118.56	100.68	87.25	76.05	65.00	53.26	42.67	34.38	30.16
300.0	151.25	129.15	107.05	89.86	76.43	64.92	54.41	43.59	32.38
330.0	179.95	167.52	154.17	136.52	123.24	112.04	100.37	87.48	73.28
360.0	177.34	150.25	138.13	126.69	117.10	108.35	99.53	91.24	82.57

测试设备: GMS1800  
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测试日期: 2021/3/27  
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测试人员: anpeilou  
测试距离(m): 8.76

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## 光强数据表(cd)

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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	74.67	66.53	58.01	48.57	39.67	30.62	21.41	11.82	4.07
30.0	66.53	46.66	33.46	21.49	13.43	10.82	6.83	3.76	2.69
60.0	30.85	27.09	24.71	19.64	13.28	8.36	7.67	5.91	2.69
90.0	33.92	32.23	27.24	20.18	13.97	10.82	9.75	7.21	3.30
120.0	29.47	26.09	24.10	19.03	12.89	8.13	7.52	5.76	2.53
150.0	65.92	45.12	32.15	19.95	12.58	10.44	6.52	3.61	2.46
180.0	75.36	66.15	57.48	47.96	39.14	29.54	20.64	10.90	3.45
210.0	56.17	38.22	25.63	15.35	11.20	9.44	5.91	3.68	2.15
240.0	24.86	23.02	21.72	18.11	13.20	8.44	7.75	5.91	2.61
270.0	28.70	27.86	23.48	17.57	12.05	10.67	9.36	6.22	2.53
300.0	25.55	23.48	21.87	18.19	12.74	8.06	7.44	5.76	2.61
330.0	54.10	37.37	25.48	15.50	10.97	9.29	5.76	3.53	2.23
360.0	74.67	66.53	58.01	48.57	39.67	30.62	21.41	11.82	4.07
C/γ(°)	90.0								
0.0	0.23								
30.0	0.23								
60.0	0.15								
90.0	0.15								
120.0	0.08								
150.0	0.15								
180.0	0.23								
210.0	0.23								
240.0	0.23								
270.0	0.15								
300.0	0.15								
330.0	0.15								
360.0	0.23								