

浙大三色

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## ROLED

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灯具名称: 投光灯

灯具描述: F3071A-36-UN(5015-OL-36WN-AA, L350mm, C, CT)

报告编号:

电压(V): 220.3000

测试编号: 20210330008

电流(A): 0.2000

光源规格型号: OL

功率(W): 43.4000

每个光源光通量(lm)

功率因数: 0.9820

光源数量: 36

镇流器型号:

发光面长度(mm): 290

发光面宽度(mm): 103

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): 4018.80

灯具效能(lm/w): 92.60

中心光强(cd): 12106.890

最大光强(cd): 12180.560

最大光强角度: C=60.0  $\gamma$ =0.0

半峰边角(50%Imax): [C0/180]Total=52.2

[C90/270]Total=11.4

光束扩散角(10%Imax): [C0/180]Total=77.5

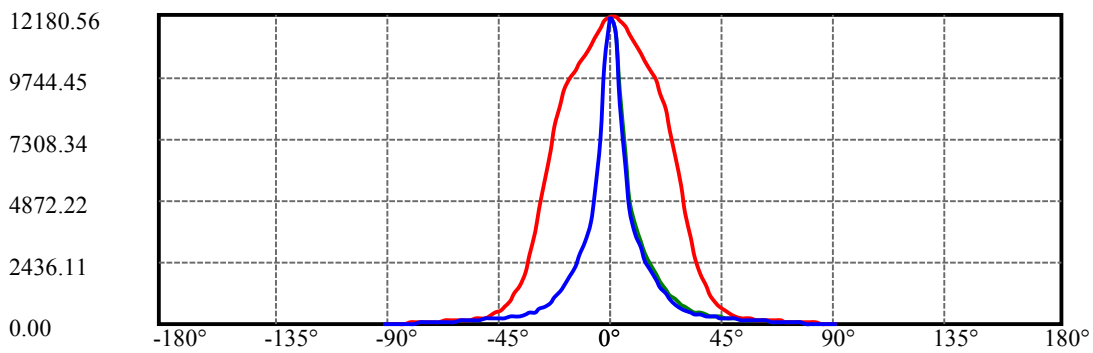
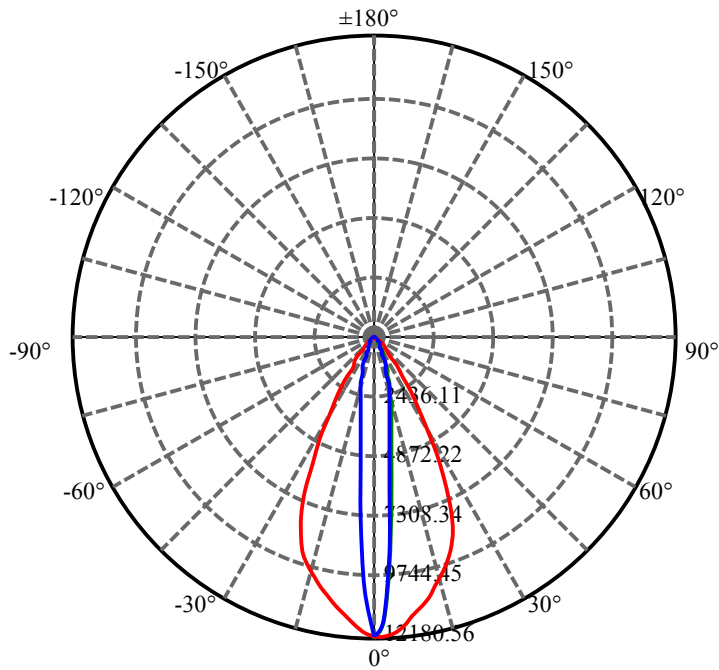
[C90/270]Total=42.4

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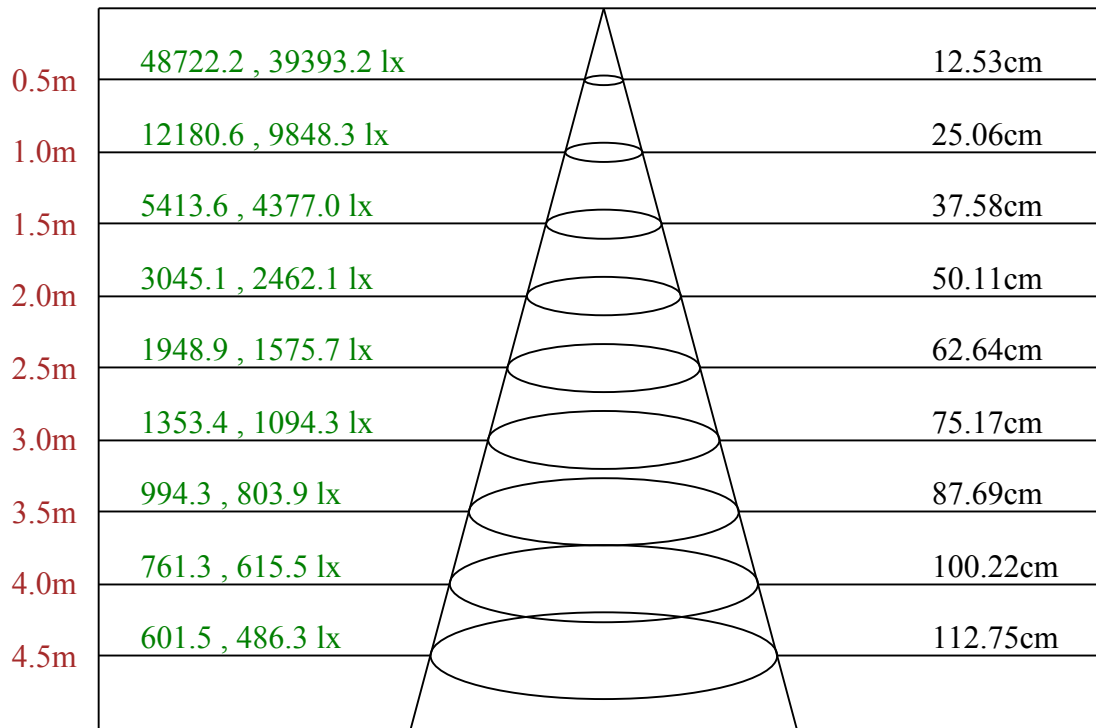
测试设备: GMS1800  
环境温度(°C): 25.0

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

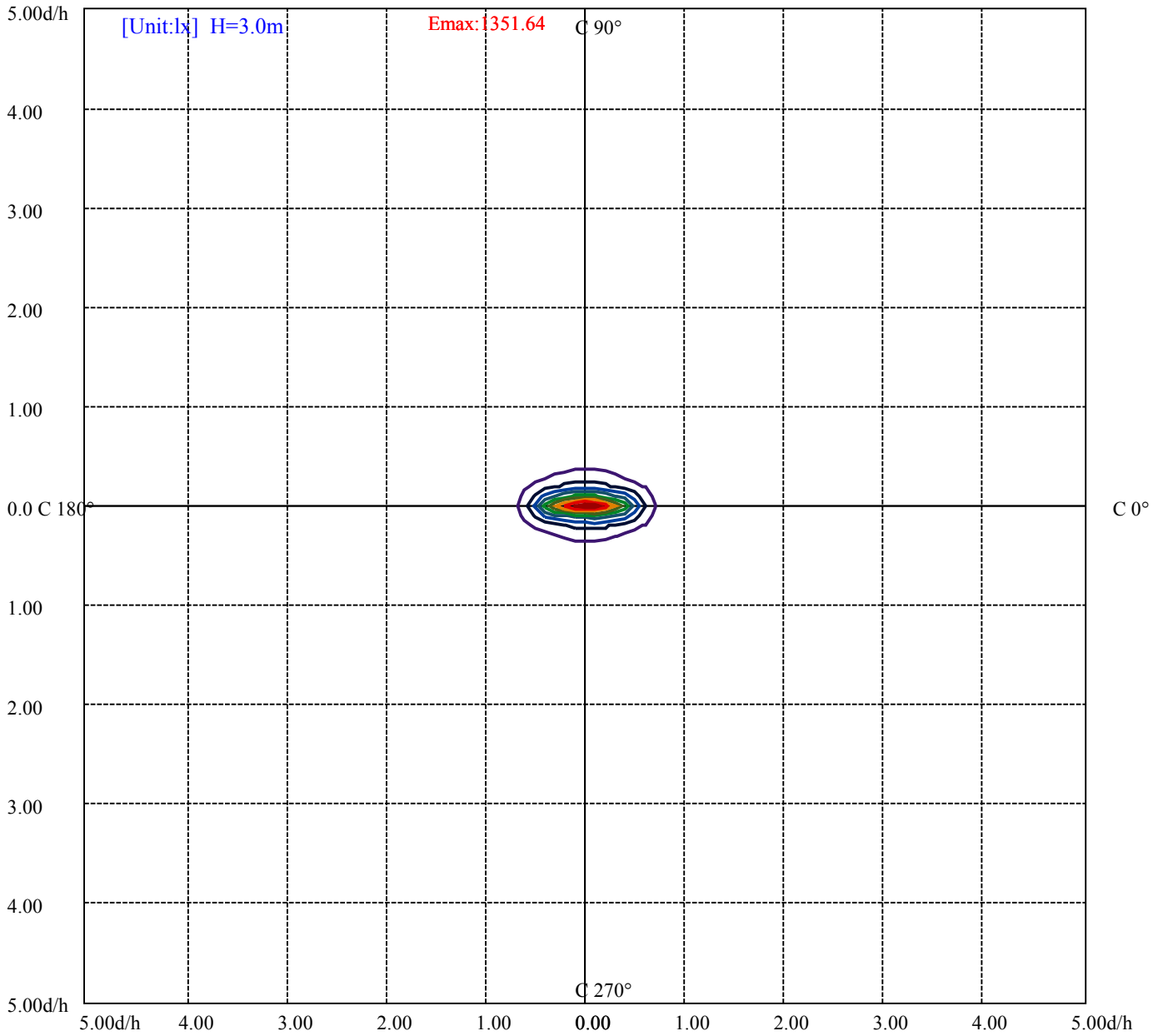


C60(Max): —  
C0/C180: —  
C90/C270: —



Max , Ave    C60面光束角14.28

ROLED 投光灯  
平面等照度曲线



(10%Emax) 135.1644	—
(20%Emax) 270.3289	—
(30%Emax) 405.4933	—
(40%Emax) 540.6578	—
(50%Emax) 675.8222	—
(60%Emax) 810.9866	—
(70%Emax) 946.1511	—
(80%Emax) 1081.316	—
(90%Emax) 1216.478	—

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# ROLED 投光灯

## 灯具的亮度限制曲线(灯具无发光侧边)

附页 第 5页 共8页

亮度值表

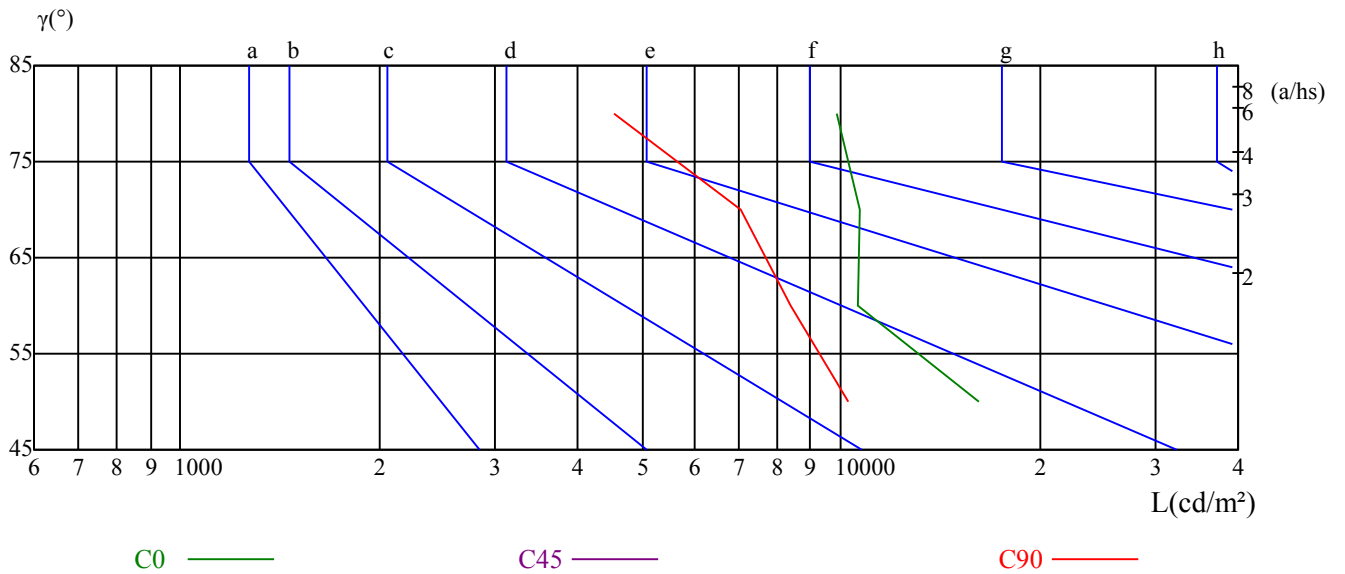
$\gamma$	45	50	55	60	65	70	75	80	85
C0	0	16207	0	10631	0	10681	0	9853	0
C45	0	0	0	0	0	0	0	0	0
C90	0	10244	0	8401	0	7061	0	4542	0

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



测试设备: GMS1800  
环境温度( $^{\circ}\text{C}$ ): 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

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	10.43	11.50	10.79	11.81	12.13	11.46	12.54	11.83	12.85	13.16
	3H	11.84	12.79	12.22	13.13	13.49	13.23	14.18	13.61	14.51	14.88
	4H	12.29	13.18	12.70	13.53	13.92	13.93	14.81	14.34	15.17	15.55
	6H	12.53	13.34	12.95	13.72	14.11	14.45	15.25	14.86	15.63	16.02
	8H	12.58	13.34	13.01	13.73	14.14	14.60	15.36	15.03	15.75	16.16
	12H	12.61	13.34	13.05	13.72	14.16	14.75	15.48	15.18	15.86	16.29
4H	2H	10.98	11.87	11.39	12.22	12.61	11.82	12.70	12.23	13.06	13.44
	3H	12.59	13.31	13.01	13.72	14.13	13.76	14.49	14.18	14.89	15.30
	4H	13.15	13.79	13.59	14.22	14.66	14.56	15.21	15.00	15.63	16.08
	6H	13.42	13.97	13.89	14.42	14.89	15.10	15.65	15.56	16.10	16.57
	8H	13.48	14.00	13.96	14.45	14.92	15.29	15.81	15.77	16.26	16.73
	12H	13.52	13.97	14.01	14.46	14.93	15.45	15.90	15.94	16.39	16.87
8H	4H	13.40	13.91	13.87	14.36	14.84	14.67	15.18	15.14	15.63	16.11
	6H	13.77	14.18	14.28	14.68	15.17	15.30	15.71	15.81	16.21	16.70
	8H	13.88	14.25	14.41	14.77	15.26	15.55	15.92	16.08	16.44	16.94
	12H	14.49	14.80	15.01	15.30	15.88	16.21	16.53	16.73	17.03	17.60
12H	4H	13.40	13.85	13.89	14.34	14.81	14.64	15.09	15.13	15.57	16.05
	6H	14.15	14.17	14.34	14.64	15.19	15.64	15.66	15.82	16.13	16.68
	8H	13.95	14.27	14.47	14.77	15.34	15.57	15.89	16.10	16.39	16.97
对应照射距离，改变观察者位置S											
S = 1.0H	0.5/-0.7					3.3/-1.9					
S = 1.5H	0.9/-1.0					5.0/-2.0					
S = 2.0H	1.7/-1.3					6.6/-1.8					
标准表格	BK3					BK2					
更正系数	0.7					3.6					

# 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	12106.89	12117.63	11975.67	11704.79	11396.30	11019.52	10674.20	10328.88	9980.49
30.0	12149.10	12174.42	11394.00	9979.72	8321.43	6743.70	5527.41	4522.91	3740.19
60.0	12180.56	11458.46	9231.53	6741.40	4950.34	3941.24	3265.18	2774.83	2349.71
90.0	12083.87	11446.18	8734.27	6182.75	4509.10	3562.93	2990.46	2520.83	2134.07
120.0	12144.49	11278.13	8968.32	6706.10	4961.85	3945.08	3254.44	2728.02	2305.96
150.0	12114.56	11888.96	10984.22	9665.10	8256.97	6760.58	5626.40	4641.09	3876.02
180.0	12106.89	11923.49	11641.86	11301.91	10950.46	10612.04	10319.67	10007.35	9682.75
210.0	12149.10	11346.42	9891.48	8254.66	6719.14	5483.67	4496.06	3731.75	3143.17
240.0	12180.56	10839.19	8266.94	6017.00	4532.12	3657.31	3036.51	2576.08	2167.07
270.0	12083.87	10190.75	7351.46	5156.00	3973.47	3225.28	2711.14	2279.87	1904.63
300.0	12144.49	11040.24	8751.16	6347.73	4776.15	3836.88	3180.77	2702.70	2286.01
330.0	12114.56	11628.82	10559.86	9116.43	7616.97	6252.58	5217.39	4336.44	3617.41
360.0	12106.89	12117.63	11975.67	11704.79	11396.30	11019.52	10674.20	10328.88	9980.49
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	9574.55	9096.48	8476.44	7607.00	6592.53	5446.83	4394.76	3430.17	2642.84
30.0	3160.82	2658.96	2238.44	1891.58	1612.26	1363.63	1167.18	989.92	839.51
60.0	1988.27	1667.51	1396.32	1167.03	960.29	792.09	665.08	558.04	476.23
90.0	1760.36	1458.78	1181.76	966.89	784.26	643.06	542.53	463.50	404.41
120.0	1950.67	1652.16	1387.80	1164.49	962.52	804.52	665.93	565.86	483.06
150.0	3229.12	2722.65	2276.80	1912.30	1611.49	1359.79	1159.51	980.71	836.44
180.0	9258.39	8646.79	7807.28	6778.23	5687.02	4558.21	3603.60	2751.81	2078.05
210.0	2655.12	2264.53	1890.81	1570.82	1378.44	1165.03	997.13	845.42	720.26
240.0	1823.29	1521.71	1250.82	1034.42	854.09	704.45	588.58	504.93	434.33
270.0	1529.15	1275.38	1033.35	837.97	691.87	572.23	487.21	422.75	372.56
300.0	1939.93	1631.44	1365.93	1123.44	929.29	765.84	636.92	544.07	465.03
330.0	3076.41	2599.87	2191.63	1857.05	1525.24	1348.28	1154.67	979.33	827.00
360.0	9574.55	9096.48	8476.44	7607.00	6592.53	5446.83	4394.76	3430.17	2642.84
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	1983.67	1495.62	1116.53	852.55	651.50	497.26	390.59	311.17	250.78
30.0	719.03	612.37	523.35	448.91	389.06	337.49	296.97	261.91	231.59
60.0	416.69	367.73	329.28	299.81	273.88	251.16	231.13	212.64	192.38
90.0	360.67	326.90	298.59	276.56	256.15	234.51	215.25	196.68	180.87
120.0	422.21	371.95	331.89	301.20	274.18	250.78	230.29	211.41	191.23
150.0	709.82	604.69	513.37	439.71	387.52	325.37	284.08	247.71	219.01
180.0	1509.43	1203.09	908.88	693.94	539.85	418.22	328.90	263.90	222.00
210.0	614.28	524.73	447.76	388.37	336.11	295.06	260.83	231.29	207.04
240.0	389.06	345.09	310.86	284.39	260.22	240.34	221.93	205.81	187.39
270.0	336.95	306.64	282.47	262.06	243.87	226.22	208.19	191.08	174.88
300.0	406.71	362.12	325.75	293.60	270.04	248.02	228.83	212.72	194.76
330.0	708.98	604.77	517.98	439.71	380.08	327.67	288.30	252.70	222.46
360.0	1983.67	1495.62	1116.53	852.55	651.50	497.26	390.59	311.17	250.78
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	212.49	189.54	172.05	158.77	147.80	137.21	127.69	118.56	109.12
30.0	206.19	186.01	167.67	152.48	139.66	126.46	114.34	103.37	91.62
60.0	175.73	160.15	145.42	132.60	121.25	109.66	98.38	87.48	77.50
90.0	164.22	150.79	137.82	125.47	114.19	102.52	91.32	81.42	72.13
120.0	174.19	159.46	144.88	131.91	119.25	107.74	95.54	84.26	73.90
150.0	192.76	173.27	156.85	143.73	130.61	118.10	107.13	95.85	84.03
180.0	194.38	176.57	161.84	149.48	138.51	129.30	119.56	110.04	100.22
210.0	185.09	168.06	152.71	140.35	127.46	115.26	104.52	92.93	80.80
240.0	170.51	156.24	141.58	128.77	117.02	105.90	94.46	83.72	73.67
270.0	160.23	146.11	133.98	122.17	110.50	98.99	88.71	78.81	69.06
300.0	178.11	161.84	147.87	134.52	123.24	111.12	99.68	88.40	77.58
330.0	199.44	178.88	161.69	148.10	136.21	123.85	112.34	101.83	90.17
360.0	212.49	189.54	172.05	158.77	147.80	137.21	127.69	118.56	109.12

测试设备: GMS1800  
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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)

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	99.22	86.87	74.36	62.46	51.11	38.29	26.32	14.66	2.61
30.0	79.65	67.99	57.48	47.04	38.22	27.47	16.50	7.67	2.69
60.0	68.45	58.17	47.50	36.60	28.55	17.96	9.82	6.06	3.15
90.0	60.47	50.34	40.29	32.15	23.56	15.73	9.52	5.83	3.38
120.0	65.23	54.33	43.59	33.00	24.86	15.50	7.83	4.60	2.53
150.0	72.21	61.31	50.57	41.21	32.00	20.11	11.28	3.45	1.38
180.0	88.56	75.97	63.62	53.18	40.29	28.93	17.11	5.37	0.77
210.0	69.06	57.94	47.27	38.06	28.32	17.50	8.29	2.99	1.07
240.0	64.69	54.25	42.97	33.07	24.56	15.12	8.13	4.14	2.07
270.0	58.32	47.81	37.91	30.23	21.03	13.43	9.44	4.45	2.69
300.0	68.53	59.01	48.11	36.99	29.31	18.11	9.52	5.91	2.84
330.0	78.50	66.61	55.86	45.20	35.99	25.32	14.89	6.29	2.30
360.0	99.22	86.87	74.36	62.46	51.11	38.29	26.32	14.66	2.61
C/γ(°)	90.0								
0.0	0.54								
30.0	0.92								
60.0	0.92								
90.0	0.46								
120.0	0.23								
150.0	0.31								
180.0	0.31								
210.0	0.23								
240.0	0.15								
270.0	0.23								
300.0	0.38								
330.0	0.61								
360.0	0.54								