

浙大三色

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ROLED

灯具名称: 投光灯

灯具描述: F3084A-30-UN-RC-Y(40-XL-30RGBWN-AJ,L715mm,B,CT)

报告编号:

电压(V): 201.4000

测试编号: 20210228003

电流(A): 0.6630

光源规格型号: XL

功率(W): 132.5000

每个光源光通量(lm)

功率因数: 0.9920

光源数量: 30

镇流器型号:

发光面长度(mm): 650

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): 6301.39

灯具效能(lm/w): 47.56

中心光强(cd): 9023.574

最大光强(cd): 9315.945

最大光强角度: $C=30.0$ $\gamma=0.0$

半峰边角(50%Imax): [C0/180]Total=42.1

[C90/270]Total=42.0

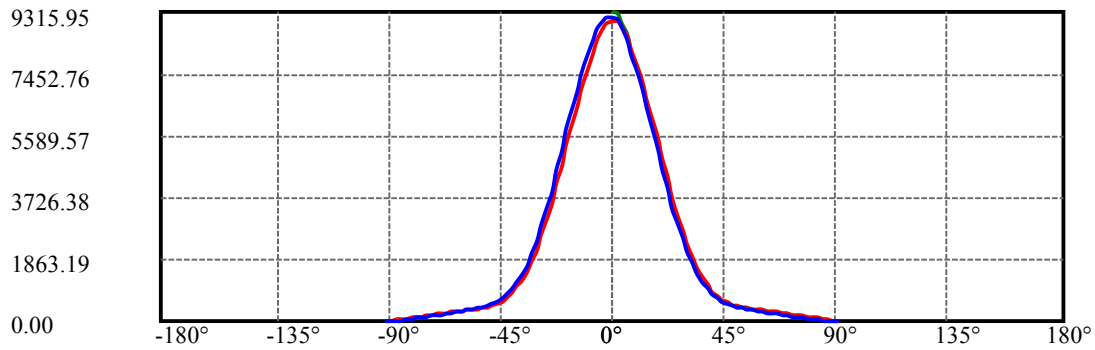
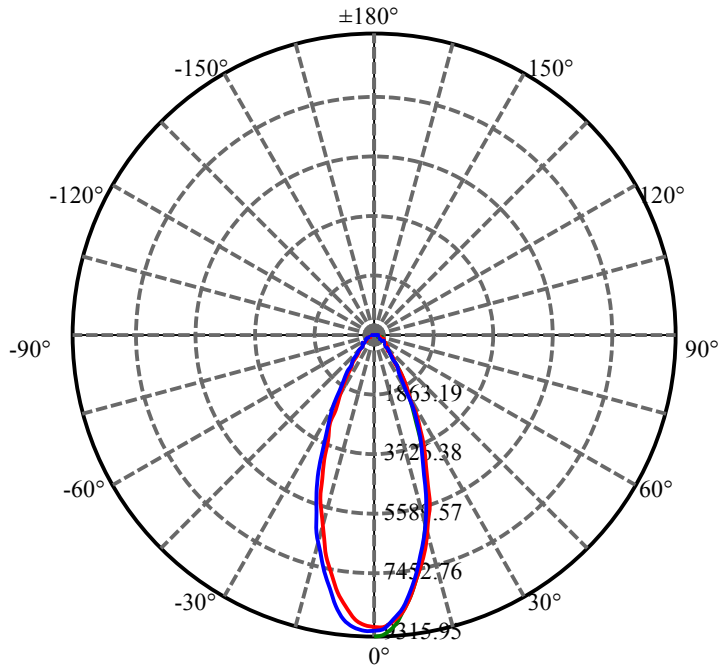
光束扩散角(10%Imax): [C0/180]Total=79.3

[C90/270]Total=79.4

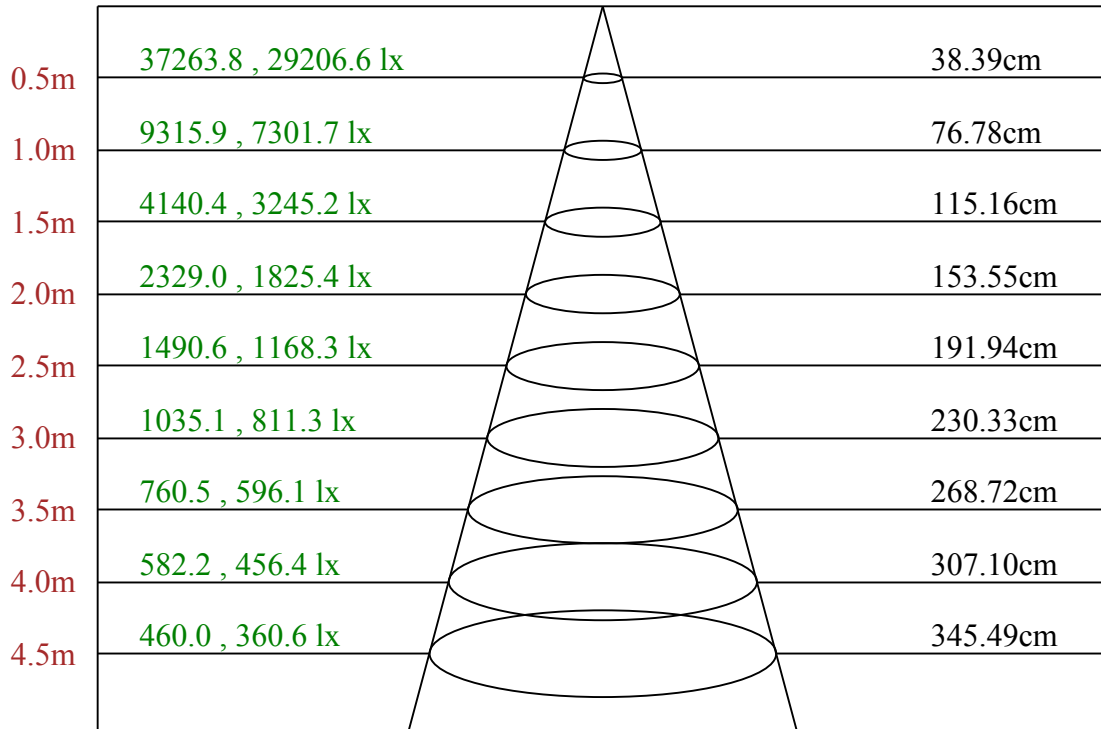
测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/2/28
环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

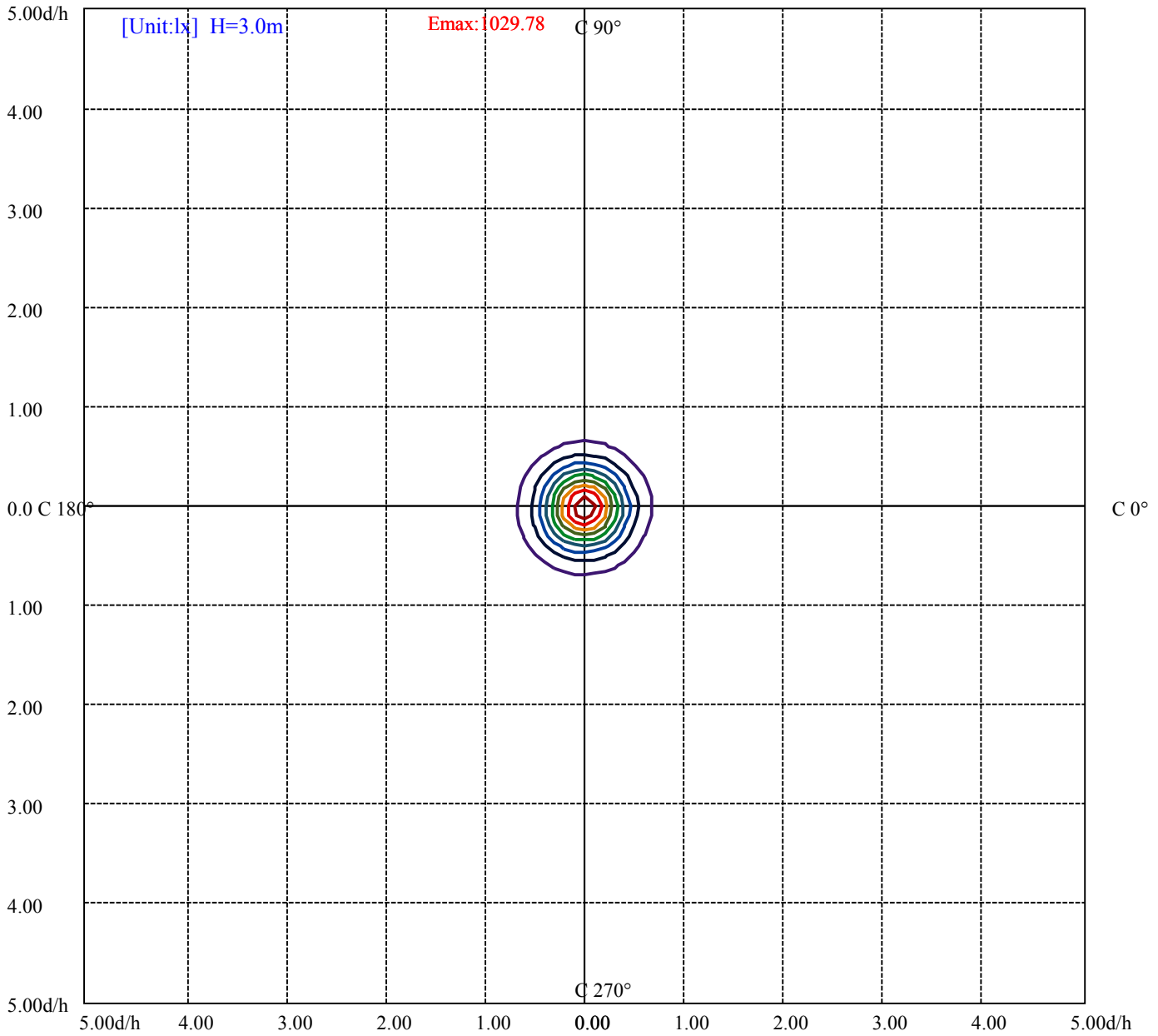


C30(Max): —
C0/C180: —
C90/C270: —



Max , Ave C30面光束角41.99

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平面等照度曲线



(10%Emax) 102.9774	——
(20%Emax) 205.9544	——
(30%Emax) 308.9322	——
(40%Emax) 411.91	——
(50%Emax) 514.8867	——
(60%Emax) 617.8644	——
(70%Emax) 720.8422	——
(80%Emax) 823.8189	——
(90%Emax) 926.7966	——

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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

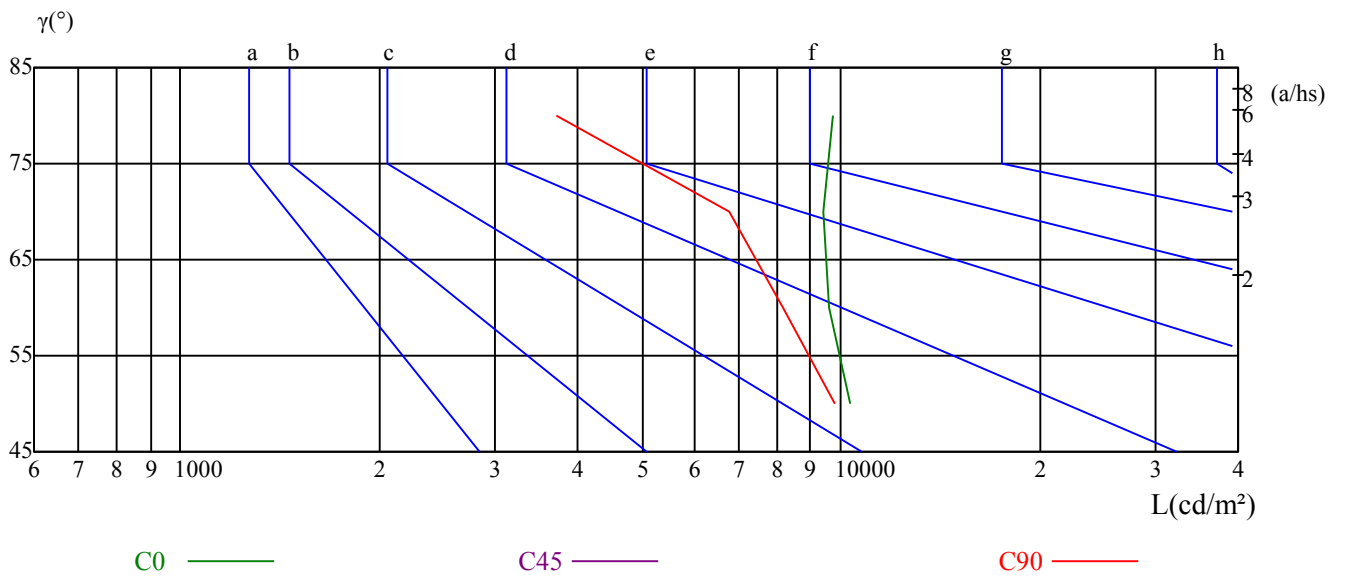
γ	45	50	55	60	65	70	75	80	85
C0	0	10320	0	9611	0	9435	0	9706	0
C45	0	0	0	0	0	0	0	0	0
C90	0	9830	0	8190	0	6762	0	3710	0

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	10.12	11.29	10.49	11.60	11.92	10.51	11.68	10.88	11.99	12.31
	3H	11.56	12.60	11.94	12.93	13.29	12.39	13.43	12.78	13.77	14.13
	4H	12.08	13.05	12.48	13.40	13.78	13.14	14.11	13.54	14.46	14.84
	6H	12.40	13.29	12.82	13.66	14.06	13.73	14.61	14.14	14.99	15.38
	8H	12.47	13.31	12.90	13.70	14.11	13.94	14.78	14.37	15.17	15.58
	12H	12.53	13.33	12.97	13.72	14.15	14.23	15.04	14.67	15.42	15.85
4H	2H	10.72	11.69	11.13	12.04	12.43	11.03	12.00	11.43	12.35	12.73
	3H	12.32	13.12	12.74	13.53	13.93	13.16	13.96	13.58	14.37	14.77
	4H	12.93	13.65	13.37	14.07	14.52	14.02	14.73	14.46	15.16	15.60
	6H	13.28	13.90	13.75	14.35	14.82	14.60	15.21	15.07	15.66	16.13
	8H	13.38	13.96	13.85	14.40	14.88	14.86	15.44	15.33	15.88	16.36
	12H	13.45	13.95	13.94	14.44	14.91	15.17	15.67	15.65	16.15	16.63
8H	4H	13.23	13.80	13.70	14.25	14.72	14.19	14.76	14.66	15.21	15.68
	6H	13.69	14.15	14.19	14.65	15.13	14.88	15.34	15.39	15.84	16.32
	8H	13.84	14.25	14.37	14.77	15.26	15.21	15.62	15.74	16.14	16.64
	12H	14.45	14.81	14.97	15.30	15.88	16.00	16.36	16.52	16.85	17.43
12H	4H	13.25	13.75	13.73	14.23	14.71	14.17	14.67	14.66	15.16	15.63
	6H	14.20	14.15	14.27	14.62	15.17	15.34	15.30	15.42	15.77	16.31
	8H	13.93	14.29	14.45	14.78	15.36	15.26	15.61	15.77	16.11	16.69
对应照射距离，改变观察者位置S											
S = 1.0H	0.8/-0.8					0.7/-0.7					
S = 1.5H	1.5/-1.1					1.2/-0.8					
S = 2.0H	3.1/-1.3					2.2/-0.9					
标准表格	BK3					BK3					
更正系数	1.9					3.1					

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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	9023.57	9000.55	8857.82	8580.03	8154.90	7681.43	7164.99	6640.87	6075.32
30.0	9315.94	9236.90	8995.95	8606.89	8122.67	7627.72	7072.14	6480.49	5908.03
60.0	9220.02	9100.31	8822.52	8430.39	7948.48	7431.27	6900.24	6322.41	5727.69
90.0	9157.87	9058.87	8827.89	8447.28	7978.41	7499.57	6950.12	6396.08	5791.39
120.0	9098.78	8999.79	8770.34	8398.16	7974.57	7482.68	6940.15	6404.52	5819.01
150.0	9060.41	8997.48	8812.55	8489.48	8083.54	7608.53	7084.42	6554.93	5971.72
180.0	9023.57	8961.42	8778.78	8441.90	8026.75	7539.47	7006.14	6485.86	5909.56
210.0	9315.94	9298.29	9187.03	8915.37	8514.04	8055.91	7525.66	6971.61	6389.94
240.0	9220.02	9220.79	9134.08	8905.40	8536.29	8068.96	7562.49	7009.21	6478.19
270.0	9157.87	9151.73	9048.13	8813.31	8427.32	7969.20	7450.45	6933.24	6353.11
300.0	9098.78	9095.71	9003.62	8765.74	8408.14	7966.90	7469.64	6915.59	6383.03
330.0	9060.41	9037.39	8901.56	8624.54	8221.67	7757.40	7235.59	6693.05	6144.38
360.0	9023.57	9000.55	8857.82	8580.03	8154.90	7681.43	7164.99	6640.87	6075.32
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	5490.58	4915.04	4331.07	3781.63	3203.03	2741.07	2301.36	1923.81	1598.44
30.0	5296.43	4709.39	4079.37	3537.60	3008.11	2548.46	2121.79	1749.62	1461.08
60.0	5113.03	4544.40	3953.52	3396.41	2912.19	2449.46	2058.87	1687.46	1415.04
90.0	5178.25	4595.81	3997.26	3437.84	2922.17	2479.39	2069.61	1728.90	1430.39
120.0	5212.79	4611.93	4046.37	3476.21	2984.33	2515.46	2098.77	1741.94	1467.91
150.0	5398.49	4780.75	4177.59	3598.99	3090.99	2606.01	2177.81	1817.91	1499.45
180.0	5311.78	4714.76	4146.13	3568.30	3067.97	2590.66	2165.54	1797.96	1495.16
210.0	5802.13	5196.67	4588.91	4008.00	3453.96	2939.05	2454.84	2065.78	1708.18
240.0	5883.47	5264.97	4694.81	4101.62	3528.39	3019.62	2568.41	2135.61	1787.22
270.0	5769.13	5163.67	4558.21	3945.85	3422.50	2913.73	2434.12	2048.89	1696.67
300.0	5788.32	5198.21	4602.72	4004.94	3433.24	2950.56	2487.07	2070.38	1737.34
330.0	5529.71	4959.55	4354.09	3750.17	3239.86	2747.97	2292.15	1911.53	1529.07
360.0	5490.58	4915.04	4331.07	3781.63	3203.03	2741.07	2301.36	1923.81	1598.44
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	1319.12	1094.28	896.30	748.96	630.78	550.98	490.35	452.75	423.59
30.0	1207.85	996.82	827.23	703.68	603.16	532.56	488.05	455.05	424.36
60.0	1166.33	973.03	807.74	679.28	590.65	523.96	479.07	443.31	411.93
90.0	1184.06	979.17	822.63	695.24	595.48	523.35	472.70	431.27	394.43
120.0	1214.76	1004.96	840.89	706.22	610.83	534.71	489.51	452.37	419.75
150.0	1237.78	1021.38	856.39	715.19	608.53	534.86	487.28	459.66	419.75
180.0	1242.69	1024.29	848.72	702.84	595.02	517.98	467.03	430.50	402.11
210.0	1427.70	1183.98	978.48	814.26	687.49	593.41	523.96	481.14	449.61
240.0	1474.90	1213.99	1002.96	836.44	697.54	597.79	527.19	475.01	436.64
270.0	1416.73	1172.78	970.19	801.29	676.60	583.67	509.00	461.12	418.68
300.0	1440.36	1197.11	981.47	819.56	686.03	590.11	523.35	474.24	439.71
330.0	1328.40	1111.77	921.85	764.38	653.42	572.92	510.54	474.55	445.46
360.0	1319.12	1094.28	896.30	748.96	630.78	550.98	490.35	452.75	423.59
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	395.20	372.33	349.62	327.98	305.34	284.77	262.21	241.49	220.24
30.0	396.73	372.56	346.93	324.83	303.11	280.40	258.68	235.66	210.26
60.0	381.46	353.84	324.91	296.51	267.97	241.19	212.87	186.40	163.45
90.0	364.66	334.19	305.34	279.48	253.31	228.68	205.81	182.33	157.85
120.0	387.52	357.52	329.82	300.81	272.03	242.49	214.10	184.17	158.92
150.0	389.06	361.20	336.95	315.39	293.75	273.34	250.16	230.52	206.35
180.0	375.25	351.30	328.67	306.49	285.62	264.44	244.49	223.61	202.59
210.0	417.99	390.75	365.35	339.49	317.69	294.90	270.81	249.47	225.22
240.0	402.87	375.71	347.01	317.54	290.53	262.44	234.20	203.89	180.95
270.0	381.31	349.39	321.30	292.60	266.74	241.49	217.47	196.83	172.66
300.0	406.71	381.46	348.01	320.15	291.30	262.90	234.36	204.66	180.26
330.0	413.23	387.91	360.82	337.72	315.85	295.44	271.65	248.32	224.53
360.0	395.20	372.33	349.62	327.98	305.34	284.77	262.21	241.49	220.24

测试设备: GMS1800
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测试人员: anpeilou
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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	198.83	176.73	155.93	136.44	115.03	93.77	72.59	51.34	28.09
30.0	183.86	157.08	127.69	99.30	75.66	53.26	34.46	11.66	4.83
60.0	139.36	115.95	96.38	82.88	52.72	26.32	19.26	9.52	3.68
90.0	136.13	116.41	101.98	76.35	43.97	29.01	17.42	10.05	3.76
120.0	130.99	110.66	93.93	78.04	50.34	24.17	17.27	9.06	3.30
150.0	179.26	153.63	123.85	97.53	71.83	51.87	31.69	10.44	4.30
180.0	180.79	160.54	140.12	117.87	96.15	74.90	55.86	32.92	9.36
210.0	199.59	170.97	143.12	112.57	87.94	65.53	49.57	24.02	8.90
240.0	157.16	135.29	113.73	95.38	84.18	58.78	28.24	19.26	7.14
270.0	150.10	129.53	112.65	100.60	75.82	44.35	27.78	17.73	8.06
300.0	156.31	134.37	112.88	95.31	83.26	57.09	26.86	18.34	7.14
330.0	196.99	169.28	139.59	109.66	85.41	63.23	46.89	24.17	8.75
360.0	198.83	176.73	155.93	136.44	115.03	93.77	72.59	51.34	28.09
C/γ(°)	90.0								
0.0	2.38								
30.0	0.69								
60.0	0.84								
90.0	0.84								
120.0	0.84								
150.0	0.92								
180.0	1.23								
210.0	2.99								
240.0	4.07								
270.0	4.37								
300.0	4.14								
330.0	3.45								
360.0	2.38								