

浙大三色

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ROLED

灯具名称: 投光灯

灯具描述: F3071A-36-UN(20-OL-36WN-AA, L350mm, C, CT)

报告编号:

电压(V): 220.3000

测试编号: 20210329007

电流(A): 0.2010

光源规格型号: OL

功率(W): 43.5000

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

光度结果

灯具光通量(lm): 3907.13

灯具效能(lm/w): 89.82

中心光强(cd): 16889.950

最大光强(cd): 17189.220

最大光强角度: C=90.0 $\gamma=2.0$

半峰边角(50%Imax): [C0/180]Total=21.0

[C90/270]Total=21.2

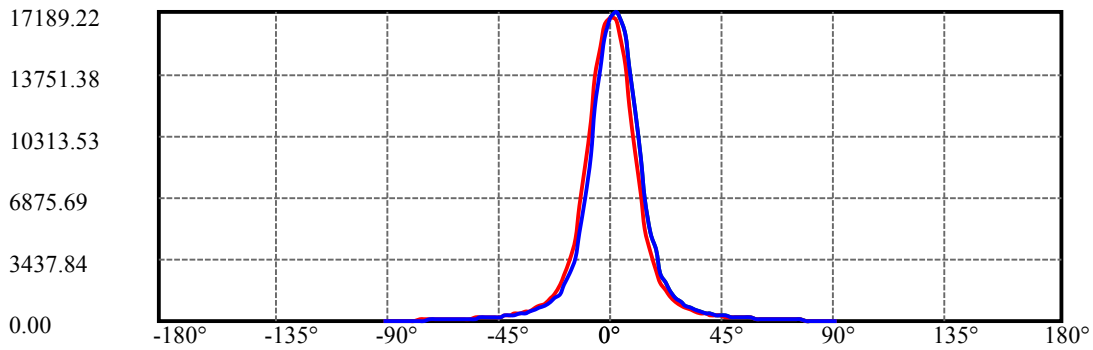
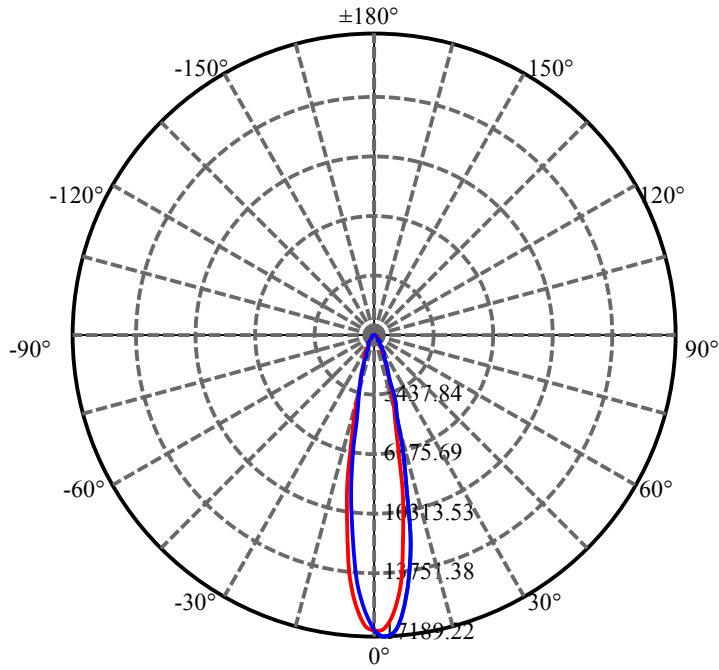
光束扩散角(10%Imax): [C0/180]Total=43.4

[C90/270]Total=43.3

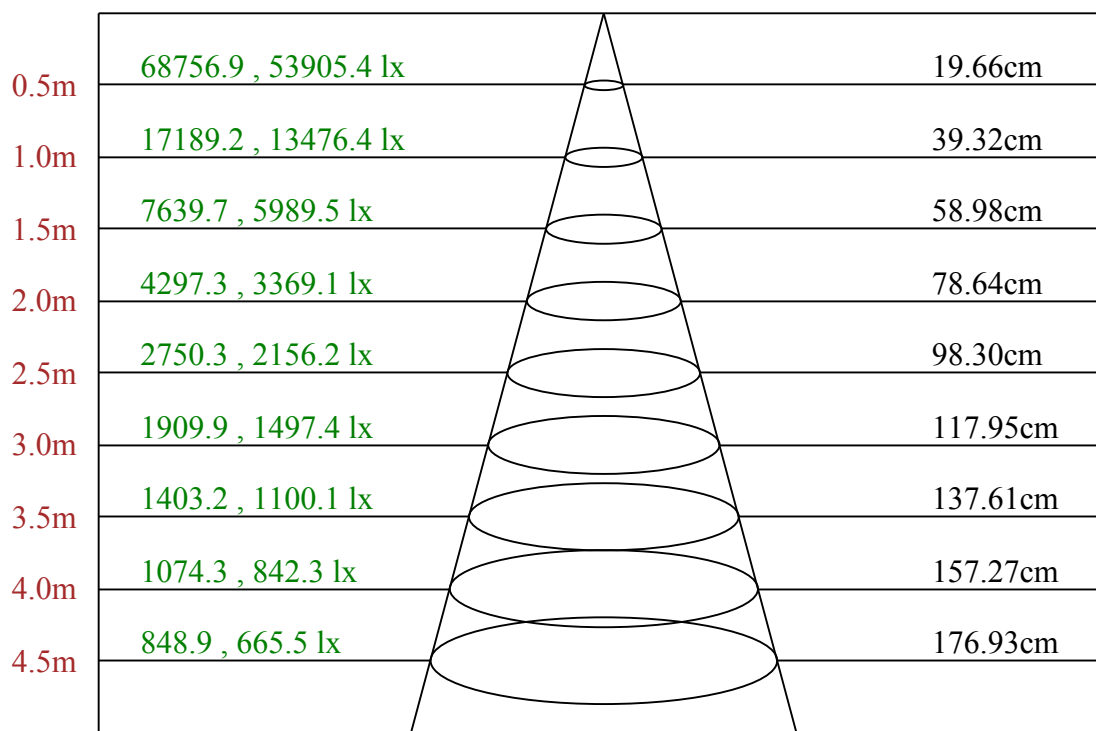
测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/3/29
环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

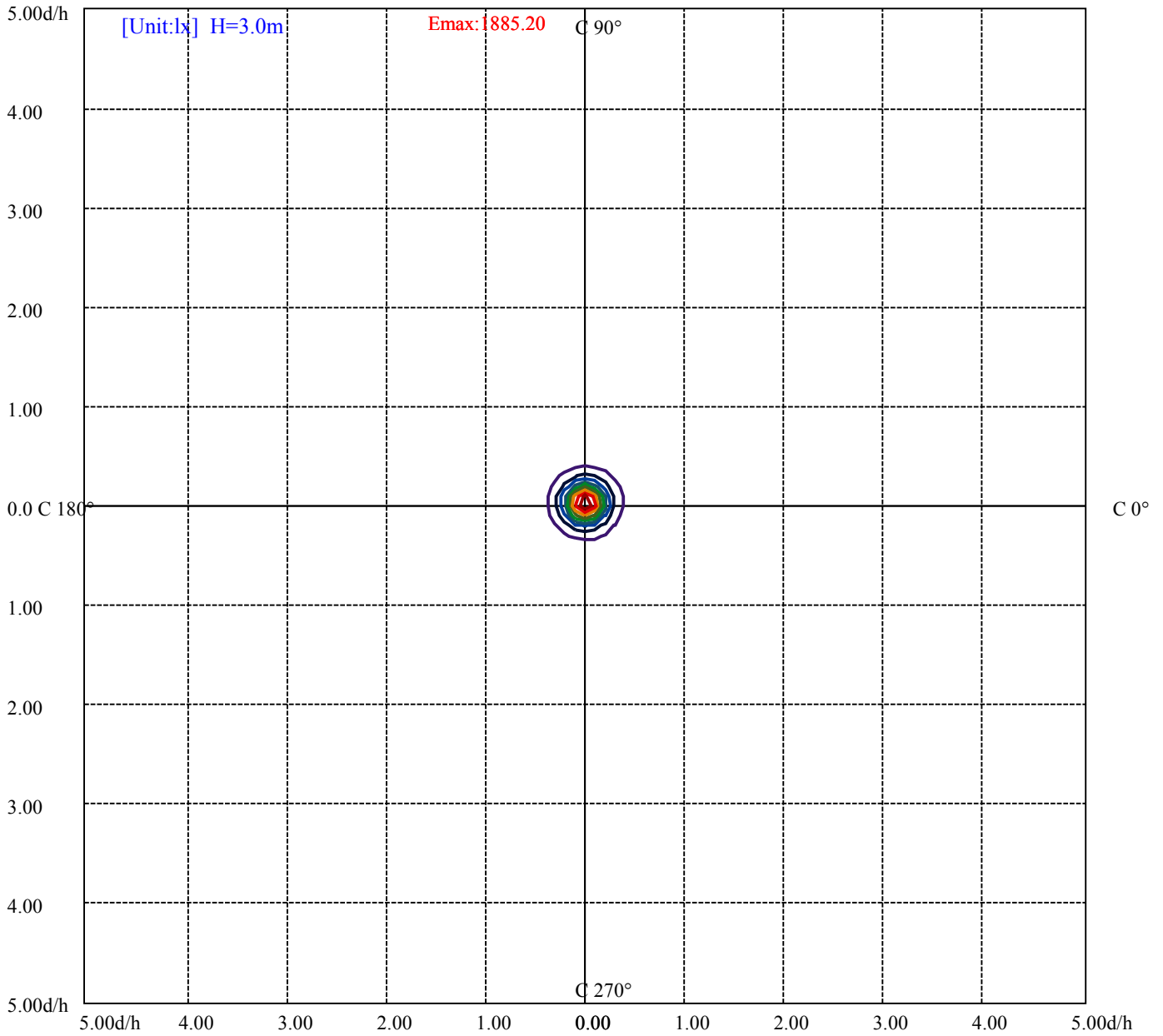


C90(Max): ——
C0/C180: ——
C90/C270: ——



Max , Ave C90面光束角22.22

ROLED 投光灯
平面等照度曲线



- (10%Emax) 188.5189
- (20%Emax) 377.0378
- (30%Emax) 565.5566
- (40%Emax) 754.0756
- (50%Emax) 942.5944
- (60%Emax) 1131.111
- (70%Emax) 1319.633
- (80%Emax) 1508.156
- (90%Emax) 1696.667

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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

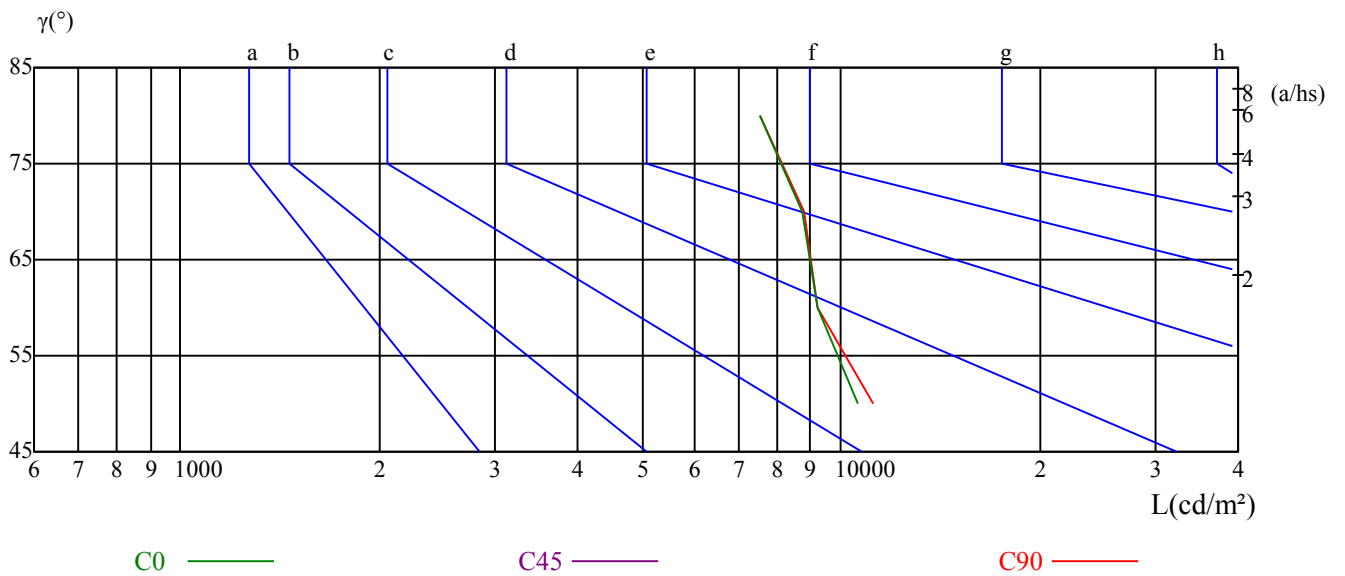
γ	45	50	55	60	65	70	75	80	85
C0	0	10631	0	9238	0	8773	0	7545	0
C45	0	0	0	0	0	0	0	0	0
C90	0	11215	0	9218	0	8826	0	7560	0

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	10.65	11.73	11.01	12.04	12.36	11.08	12.16	11.45	12.48	12.79
	3H	12.34	13.30	12.73	13.63	14.00	12.80	13.76	13.18	14.09	14.46
	4H	12.95	13.84	13.35	14.19	14.58	13.45	14.34	13.86	14.69	15.08
	6H	13.30	14.12	13.72	14.49	14.89	13.91	14.72	14.32	15.09	15.49
	8H	13.38	14.15	13.81	14.54	14.95	14.03	14.79	14.46	15.19	15.59
	12H	13.45	14.18	13.88	14.57	15.00	14.14	14.87	14.58	15.26	15.69
4H	2H	11.23	12.12	11.64	12.47	12.86	11.58	12.47	11.98	12.82	13.21
	3H	13.11	13.84	13.52	14.24	14.65	13.51	14.24	13.93	14.65	15.05
	4H	13.81	14.47	14.25	14.89	15.34	14.26	14.91	14.70	15.34	15.78
	6H	14.19	14.74	14.65	15.19	15.67	14.73	15.29	15.20	15.74	16.21
	8H	14.29	14.81	14.76	15.26	15.73	14.89	15.41	15.36	15.86	16.33
	12H	14.36	14.81	14.85	15.30	15.78	15.01	15.46	15.50	15.95	16.42
8H	4H	14.05	14.57	14.52	15.02	15.49	14.45	14.97	14.92	15.42	15.89
	6H	14.52	14.93	15.03	15.43	15.92	15.03	15.45	15.54	15.95	16.43
	8H	14.67	15.04	15.20	15.56	16.06	15.25	15.62	15.78	16.14	16.64
	12H	15.27	15.59	15.79	16.09	16.67	15.90	16.22	16.42	16.71	17.29
12H	4H	14.05	14.50	14.54	14.99	15.46	14.43	14.88	14.92	15.37	15.84
	6H	14.90	14.91	15.08	15.38	15.93	15.39	15.41	15.57	15.88	16.43
	8H	14.73	15.05	15.26	15.55	16.13	15.29	15.61	15.82	16.11	16.69
对应照射距离，改变观察者位置S											
S = 1.0H	0.5/-0.7					0.4/-0.6					
S = 1.5H	0.9/-0.9					1.0/-0.9					
S = 2.0H	2.1/-1.0					1.6/-1.0					
标准表格	BK3					BK3					
更正系数	1.7					1.8					

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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	16889.95	16721.12	15861.66	14181.11	11940.37	9361.99	7044.51	5126.07	3890.60
30.0	16959.01	17089.46	16575.32	15286.13	13260.26	10681.87	8218.60	5993.21	4397.06
60.0	16974.36	17181.55	16736.47	15276.92	13658.53	11148.44	8706.65	6366.15	4660.27
90.0	16889.95	17189.22	16912.97	15869.34	14081.35	11748.53	9101.08	6806.63	4888.19
120.0	16935.99	17051.09	16544.63	15279.99	13370.76	10861.44	8458.79	6174.31	4449.25
150.0	16897.62	16859.25	16199.31	14702.92	12677.05	10067.97	7673.76	5571.15	4028.72
180.0	16889.95	16490.91	15287.66	13544.95	11097.02	8647.56	6376.89	4559.75	3364.94
210.0	16959.01	16168.61	14689.88	12502.86	10037.28	7450.45	5390.82	3889.83	2907.59
240.0	16974.36	16107.22	14564.80	12270.34	9714.98	7343.79	5256.53	3913.62	2847.73
270.0	16889.95	15677.49	14078.28	11803.01	9151.73	6799.72	4901.23	3560.62	2646.68
300.0	16935.99	16230.00	14718.27	12592.64	10060.30	7543.31	5448.37	3951.99	2967.44
330.0	16897.62	16352.78	14982.25	12920.31	10509.21	7895.53	5756.09	4165.32	3110.94
360.0	16889.95	16721.12	15861.66	14181.11	11940.37	9361.99	7044.51	5126.07	3890.60
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	2803.99	2165.54	1715.09	1342.14	1098.88	897.83	747.42	624.64	526.42
30.0	3259.81	2487.83	1935.32	1550.87	1243.15	1010.63	840.28	698.31	590.88
60.0	3371.85	2580.69	1999.01	1515.57	1282.44	1052.84	867.13	718.80	602.47
90.0	3913.62	2699.63	2111.82	1664.44	1326.79	1085.07	890.92	743.59	615.44
120.0	3279.77	2484.00	1955.27	1522.78	1260.57	1024.98	843.73	698.85	591.34
150.0	3044.95	2332.06	1822.52	1449.57	1179.46	962.29	794.23	666.85	560.95
180.0	2532.34	1975.99	1527.08	1250.29	1014.16	841.12	698.01	584.59	500.25
210.0	2230.76	1746.55	1402.07	1131.88	926.15	760.93	641.83	542.53	466.41
240.0	2160.16	1695.13	1359.02	1090.44	895.53	745.89	620.81	526.42	451.22
270.0	2071.15	1520.10	1297.56	1063.81	873.89	726.40	604.46	517.29	443.16
300.0	2256.85	1788.75	1414.27	1133.41	928.52	771.21	640.76	543.30	467.33
330.0	2384.24	1884.68	1492.78	1201.40	989.61	810.50	674.52	567.47	485.98
360.0	2803.99	2165.54	1715.09	1342.14	1098.88	897.83	747.42	624.64	526.42
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	452.75	390.59	344.40	303.57	272.42	244.49	221.85	204.12	187.62
30.0	502.63	432.03	389.83	334.65	296.97	265.67	241.49	220.47	202.66
60.0	513.07	445.15	386.83	341.87	302.73	270.73	244.10	222.08	201.36
90.0	525.65	451.22	393.66	346.55	305.72	272.19	241.72	215.33	192.69
120.0	503.71	437.17	380.16	333.89	295.98	264.82	240.19	217.55	197.83
150.0	481.91	415.92	364.20	320.92	287.38	257.99	235.28	215.40	198.37
180.0	430.34	373.79	327.98	292.29	261.52	237.35	216.09	198.29	182.71
210.0	404.79	354.91	313.09	281.47	254.00	230.90	213.10	196.99	183.10
240.0	393.66	348.24	307.79	276.87	250.86	227.99	208.57	191.84	174.81
270.0	389.21	342.63	303.42	273.19	245.48	220.47	199.21	181.48	165.83
300.0	403.64	358.83	316.39	282.16	254.92	232.36	212.10	193.99	177.49
330.0	420.29	369.57	324.75	289.38	259.83	235.51	216.94	199.90	185.70
360.0	452.75	390.59	344.40	303.57	272.42	244.49	221.85	204.12	187.62
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	173.20	160.69	149.10	137.97	128.08	117.79	108.43	99.07	89.63
30.0	187.24	174.35	161.99	150.79	140.58	129.53	118.87	106.59	95.23
60.0	182.79	166.60	151.94	139.82	129.07	118.87	108.51	98.68	88.17
90.0	175.58	160.92	148.49	137.67	127.08	117.10	107.36	98.76	90.17
120.0	179.11	162.30	147.95	136.44	125.70	115.11	105.59	95.62	86.33
150.0	184.17	170.36	158.92	147.80	137.74	126.85	115.80	104.90	92.85
180.0	169.82	157.54	145.95	135.60	125.16	114.95	105.51	96.23	86.41
210.0	169.90	158.85	147.87	137.74	127.46	116.41	105.59	93.31	79.88
240.0	160.15	147.03	134.98	124.55	114.88	104.36	94.85	85.18	76.51
270.0	153.17	142.58	131.68	122.24	111.96	102.91	93.93	85.41	74.67
300.0	161.53	148.03	135.75	125.70	115.72	105.82	95.85	86.18	77.27
330.0	172.81	161.00	149.95	140.20	129.38	118.48	107.89	96.38	84.18
360.0	173.20	160.69	149.10	137.97	128.08	117.79	108.43	99.07	89.63

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	79.58	69.83	60.24	49.73	39.14	28.62	18.26	8.13	0.92
30.0	81.96	70.98	59.78	49.11	39.98	29.77	17.65	8.98	2.84
60.0	79.50	70.83	58.09	46.66	35.99	25.40	15.88	8.21	4.37
90.0	81.27	69.37	58.24	48.04	39.21	26.24	15.50	10.36	5.29
120.0	77.66	69.14	56.25	45.35	35.15	24.40	15.12	8.06	3.99
150.0	80.04	68.99	57.94	47.27	38.29	27.86	16.04	7.44	2.69
180.0	76.51	67.07	56.79	46.35	35.76	25.71	16.11	6.14	1.00
210.0	68.68	58.01	47.50	37.75	27.70	16.42	7.44	2.84	0.92
240.0	67.30	54.18	42.97	33.53	21.95	11.59	7.06	3.61	0.77
270.0	62.77	52.41	42.82	30.62	19.18	12.51	6.83	3.99	0.31
300.0	68.76	55.71	43.82	34.76	23.17	12.82	7.67	3.68	1.00
330.0	72.52	60.85	50.03	40.82	31.00	18.42	9.52	3.15	1.07
360.0	79.58	69.83	60.24	49.73	39.14	28.62	18.26	8.13	0.92

C/γ(°)	90.0
0.0	0.31
30.0	1.15
60.0	2.61
90.0	3.38
120.0	2.30
150.0	0.84
180.0	0.15
210.0	0.15
240.0	0.15
270.0	0.15
300.0	0.23
330.0	0.15
360.0	0.31