

浙大三色

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ROLED

灯具名称: 投光灯

灯具描述: F1028A-3-24DC-RC-Y(20-PR-3RGBPCA-AJ.Line1000.CT)

报告编号:

电压(V): 24.5000

测试编号: 20210129004

电流(A): 0.8660

光源规格型号: PR

功率(W): 21.2000

每个光源光通量(lm)

功率因数: 1.0240

光源数量: 3

镇流器型号:

发光面长度(mm): 80

发光面宽度(mm): 80

测试模式: C

发光面高度(mm): 0

光度结果

灯具光通量(lm): 580.97

灯具效能(lm/w): 27.40

中心光强(cd): 2703.466

最大光强(cd): 2705.000

最大光强角度: C=30.0 $\gamma=0.0$

半峰边角(50%Imax): [C0/180]Total=22.6

[C90/270]Total=22.5

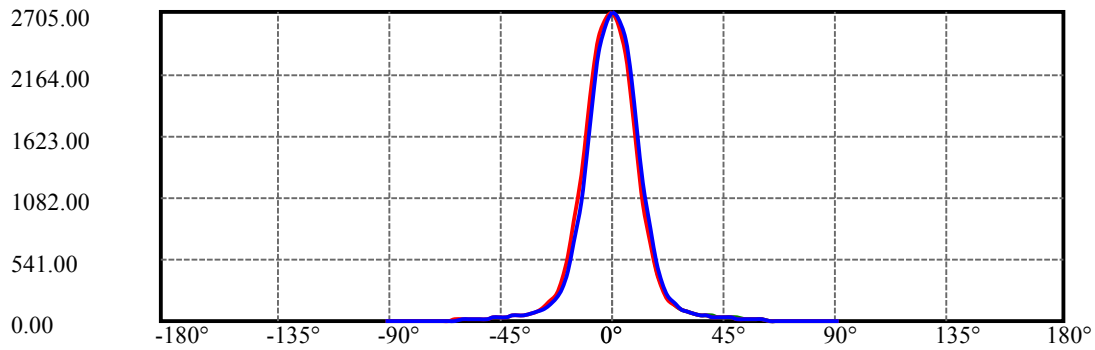
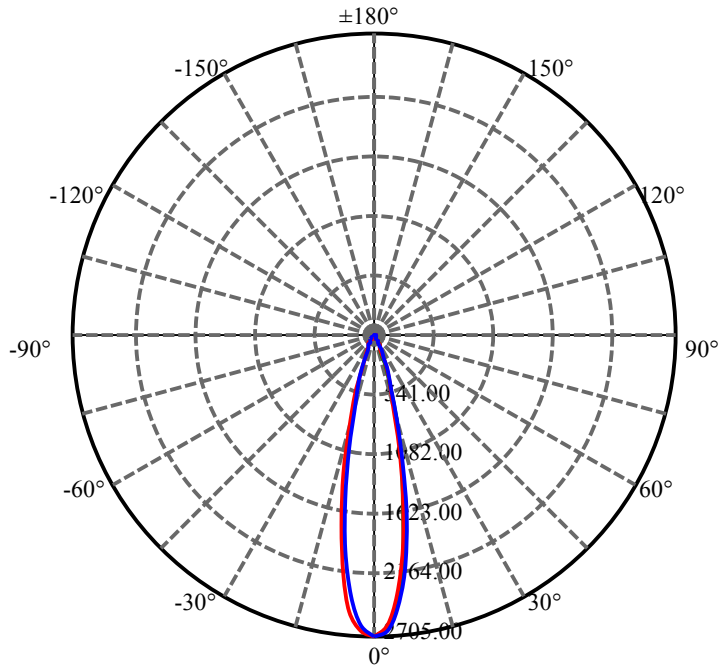
光束扩散角(10%Imax): [C0/180]Total=42.2

[C90/270]Total=41.9

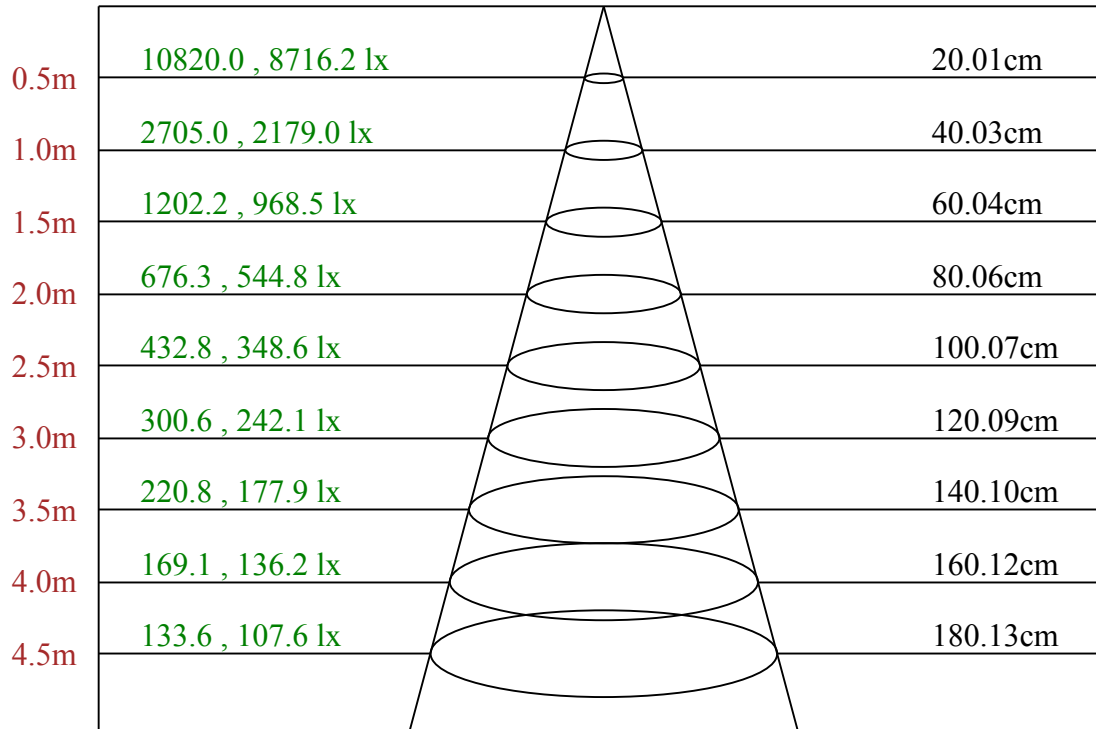
测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/1/29
环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

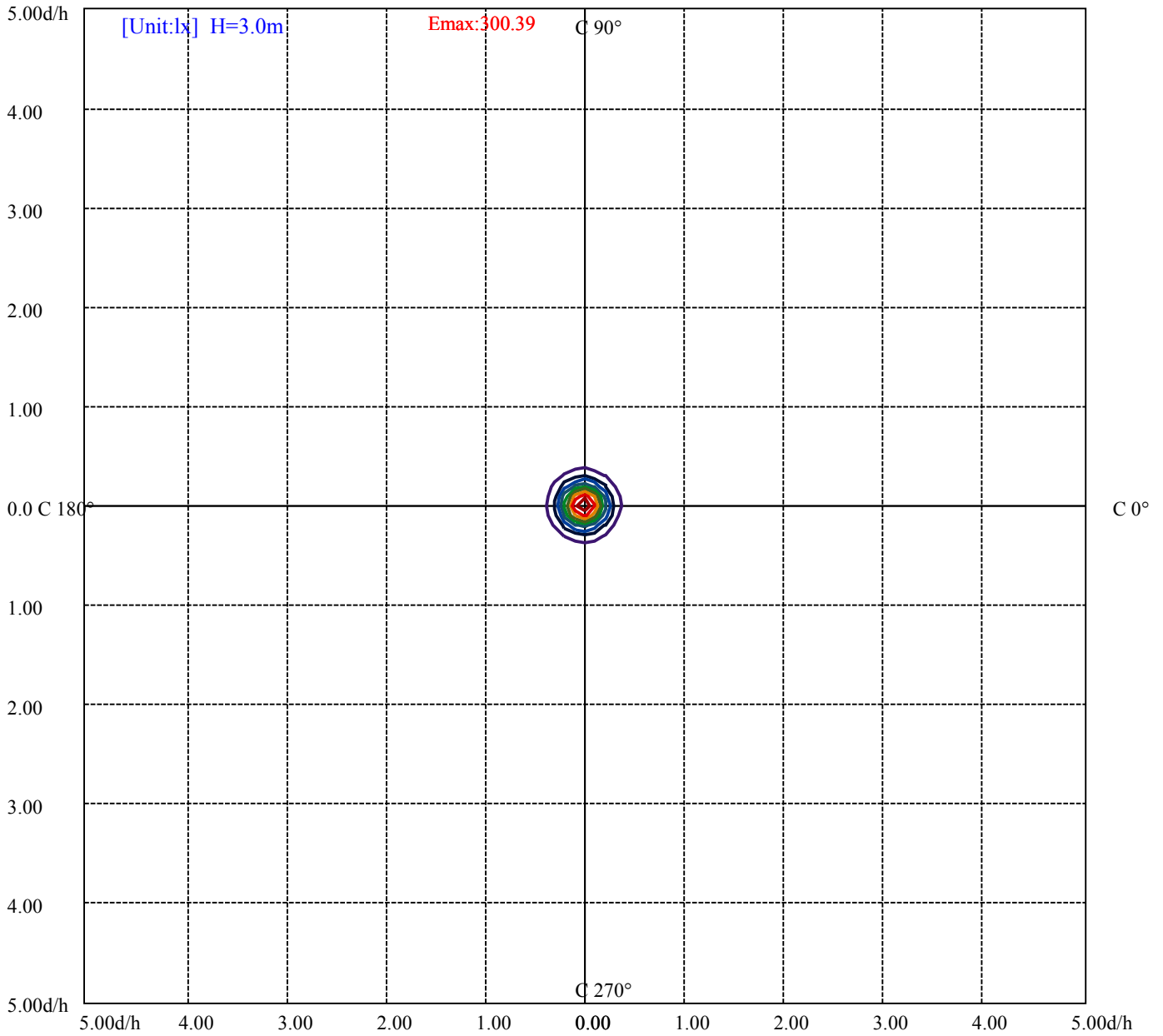


C30(Max): ——
C0/C180: ——
C90/C270: ——



Max , Ave C30面光束角22.64

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平面等照度曲线



- (10%Emax) 30.03844
- (20%Emax) 60.07689
- (30%Emax) 90.11533
- (40%Emax) 120.1533
- (50%Emax) 150.1922
- (60%Emax) 180.2311
- (70%Emax) 210.2689
- (80%Emax) 240.3078
- (90%Emax) 270.3456

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灯具的亮度限制曲线(灯具无发光侧边)

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亮度值表

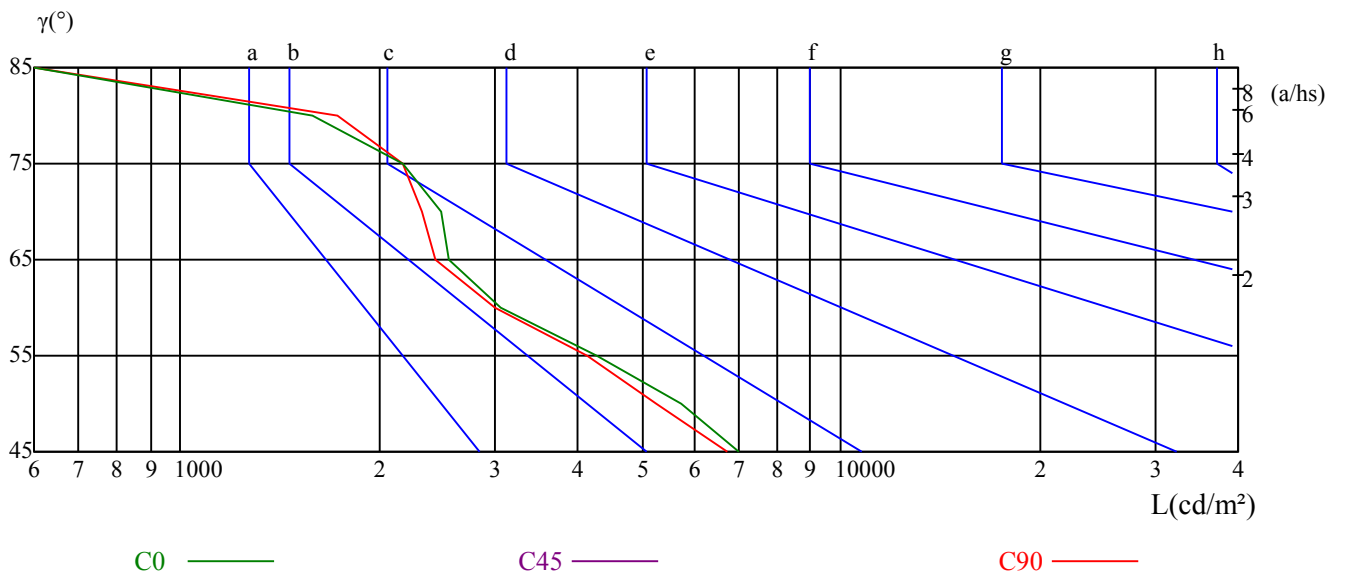
γ	45	50	55	60	65	70	75	80	85
C0	7003	5727	4264	3046	2553	2489	2177	1588	413
C45	0	0	0	0	0	0	0	0	0
C90	6749	5260	4118	2998	2440	2314	2177	1726	413

L横(65)	L纵(65)	L45(65)	L横(75)	L纵(75)	L45(75)	L横(85)	L纵(85)	L45(85)
2766	2383	0	2247	2038	0	413	344	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(°C): 25.0

测试日期: 2021/1/29
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	12.46	13.46	12.83	13.78	14.09	12.56	13.57	12.93	13.88	14.19
	3H	13.34	14.22	13.72	14.55	14.92	13.53	14.42	13.92	14.75	15.12
	4H	13.68	14.50	14.09	14.85	15.24	13.91	14.73	14.32	15.08	15.47
	6H	13.86	14.60	14.27	14.98	15.37	14.09	14.84	14.51	15.21	15.61
	8H	13.86	14.56	14.30	14.96	15.37	14.10	14.80	14.54	15.19	15.60
	12H	13.84	14.51	14.28	14.90	15.33	14.08	14.75	14.52	15.13	15.57
4H	2H	12.63	13.44	13.03	13.79	14.18	12.72	13.53	13.12	13.89	14.27
	3H	13.77	14.43	14.18	14.84	15.25	13.88	14.54	14.29	14.95	15.36
	4H	14.22	14.82	14.66	15.24	15.69	14.36	14.95	14.80	15.37	15.82
	6H	14.44	14.95	14.91	15.40	15.87	14.58	15.08	15.05	15.53	16.01
	8H	14.46	14.93	14.94	15.38	15.86	14.60	15.07	15.07	15.52	15.99
	12H	14.44	14.85	14.93	15.33	15.81	14.58	14.99	15.07	15.48	15.95
8H	4H	14.31	14.78	14.79	15.23	15.71	14.44	14.91	14.92	15.36	15.84
	6H	14.61	14.98	15.12	15.48	15.97	14.72	15.09	15.23	15.60	16.08
	8H	14.66	14.99	15.19	15.52	16.01	14.77	15.10	15.30	15.62	16.12
	12H	15.15	15.44	15.67	15.93	16.51	15.25	15.54	15.78	16.04	16.62
12H	4H	14.28	14.68	14.77	15.17	15.65	14.41	14.81	14.90	15.30	15.78
	6H	14.85	14.91	15.12	15.39	15.94	14.96	15.03	15.23	15.50	16.05
	8H	14.67	14.95	15.19	15.45	16.03	14.77	15.06	15.29	15.56	16.14
对应照射距离，改变观察者位置S											
S = 1.0H	0.6/-1.2					0.5/-1.1					
S = 1.5H	1.2/-2.1					1.2/-2.3					
S = 2.0H	3.3/-2.4					3.5/-2.3					
标准表格	BK2					BK2					
更正系数	-4.4					-4.3					

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光强数据表(cd)

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C/γ(°)	0.0	2.5	5.0	7.5	10.0	12.5	15.0	17.5	20.0
0.0	2703.47	2596.80	2342.03	1923.81	1455.71	1024.45	672.22	432.80	283.55
30.0	2705.00	2622.12	2398.05	1995.94	1532.45	1091.98	718.26	459.66	299.51
60.0	2701.93	2633.63	2420.30	2052.73	1527.77	1131.42	752.80	475.47	303.88
90.0	2700.40	2650.52	2470.95	2140.21	1669.04	1204.01	811.12	521.05	333.89
120.0	2701.93	2657.42	2482.46	2147.89	1694.37	1245.22	849.33	546.60	347.16
150.0	2698.86	2672.00	2512.39	2203.14	1766.50	1312.21	894.76	581.67	390.59
180.0	2703.47	2662.79	2494.74	2175.51	1726.60	1268.63	868.52	564.56	363.05
210.0	2705.00	2648.98	2464.81	2114.12	1651.39	1202.17	799.99	518.06	337.11
240.0	2701.93	2641.31	2440.26	2050.43	1587.70	1134.95	747.42	485.75	317.92
270.0	2700.40	2607.54	2359.68	1943.00	1484.41	1038.49	684.12	440.93	290.84
300.0	2701.93	2598.34	2333.59	1913.84	1453.41	1006.03	656.11	422.82	278.33
330.0	2698.86	2576.85	2296.76	1873.16	1403.45	973.65	628.94	397.73	262.37
360.0	2703.47	2596.80	2342.03	1923.81	1455.71	1024.45	672.22	432.80	283.55
C/γ(°)	22.5	25.0	27.5	30.0	32.5	35.0	37.5	40.0	42.5
0.0	188.62	133.06	98.84	77.97	64.46	55.10	47.65	41.52	36.22
30.0	201.36	140.05	103.37	80.50	66.07	56.02	48.19	42.21	36.76
60.0	202.66	139.89	102.37	78.89	64.31	54.33	47.12	41.52	36.37
90.0	220.39	150.56	108.28	82.34	65.69	55.02	47.04	40.82	35.15
120.0	228.45	153.09	109.20	82.19	64.77	53.72	45.66	39.37	34.61
150.0	245.56	166.14	118.48	87.71	69.52	56.79	48.04	41.90	36.99
180.0	239.57	162.61	116.64	87.56	69.29	57.25	48.96	42.67	37.91
210.0	219.39	150.02	109.50	83.26	67.45	56.79	48.65	42.59	37.22
240.0	208.88	145.19	106.90	83.11	68.14	57.09	49.04	43.28	38.06
270.0	194.30	137.44	103.37	81.96	67.53	57.48	49.57	43.43	38.29
300.0	186.17	131.91	99.30	79.12	66.07	56.71	49.11	42.97	37.99
330.0	177.42	125.77	95.54	76.20	63.08	53.95	46.89	41.28	36.14
360.0	188.62	133.06	98.84	77.97	64.46	55.10	47.65	41.52	36.22
C/γ(°)	45.0	47.5	50.0	52.5	55.0	57.5	60.0	62.5	65.0
0.0	31.69	27.55	23.56	19.41	15.65	12.51	9.75	7.75	6.91
30.0	32.92	29.47	25.78	22.10	17.96	13.81	10.36	7.67	6.68
60.0	32.61	28.93	24.86	20.57	16.73	13.35	10.82	8.90	7.90
90.0	30.54	26.17	21.64	18.11	15.12	12.28	9.59	7.83	6.60
120.0	30.70	26.93	22.87	18.57	15.35	12.20	9.52	7.98	7.06
150.0	33.00	29.31	25.55	21.79	17.73	13.81	10.21	8.06	6.91
180.0	33.76	29.16	24.33	19.57	16.27	13.35	10.97	9.21	8.06
210.0	32.15	26.70	21.64	18.34	15.19	12.74	10.36	8.44	7.14
240.0	33.38	28.62	23.40	18.72	15.27	12.58	10.13	8.13	6.83
270.0	33.92	29.31	24.86	20.87	17.19	13.74	10.13	7.75	6.29
300.0	33.23	28.93	24.40	19.80	15.88	13.12	10.36	8.06	6.60
330.0	31.08	26.17	20.95	17.34	14.66	11.97	9.29	7.29	6.06
360.0	31.69	27.55	23.56	19.41	15.65	12.51	9.75	7.75	6.91
C/γ(°)	67.5	70.0	72.5	75.0	77.5	80.0	82.5	85.0	87.5
0.0	6.45	5.45	4.53	3.61	2.76	1.76	0.92	0.23	0.08
30.0	5.76	4.91	4.30	3.53	2.69	1.84	0.92	0.31	0.08
60.0	6.98	5.68	4.76	3.84	2.92	2.07	1.15	0.46	0.08
90.0	5.83	5.06	4.37	3.61	2.84	1.92	0.92	0.23	0.08
120.0	6.45	5.60	4.60	3.68	2.84	1.92	0.92	0.38	0.08
150.0	6.06	5.29	4.37	3.61	2.76	1.84	1.00	0.46	0.08
180.0	7.14	5.91	4.76	3.84	2.76	1.69	0.92	0.23	0.00
210.0	6.06	5.14	4.37	3.45	2.38	1.30	0.46	0.15	0.08
240.0	5.99	5.29	4.22	3.30	2.38	1.46	0.61	0.15	0.00
270.0	5.45	4.68	3.91	3.15	2.30	1.38	0.54	0.15	0.00
300.0	5.99	5.14	4.30	3.38	2.38	1.53	0.69	0.15	0.00
330.0	5.29	4.53	3.91	3.07	2.23	1.30	0.54	0.15	0.08
360.0	6.45	5.45	4.53	3.61	2.76	1.76	0.92	0.23	0.08

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光强数据表(cd)

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C/γ(°)	90.0
0.0	0.00
30.0	0.00
60.0	0.00
90.0	0.00
120.0	0.00
150.0	0.00
180.0	0.00
210.0	0.00
240.0	0.00
270.0	0.00
300.0	0.00
330.0	0.00
360.0	0.00