

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: 壁灯

灯具描述: W1022A-9-UN (45-OL-9WN-AJ, CT) 3颗发光面

报告编号:

电压(V): 220.5000

测试编号: 20210319009

电流(A): 0.0930

光源规格型号: OL

功率(W): 10.4000

每个光源光通量(lm)

功率因数: 0.5050

光源数量: 9

镇流器型号:

发光面长度(mm): 62

发光面宽度(mm): 48

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): 300.55

灯具效能(lm/w): 28.90

中心光强(cd): 405.942

最大光强(cd): 405.942

最大光强角度:  $C=0.0 \gamma=0.0$

半峰边角(50%Imax): [C0/180]Total=42.7

[C90/270]Total=43.3

光束扩散角(10%Imax): [C0/180]Total=87.1

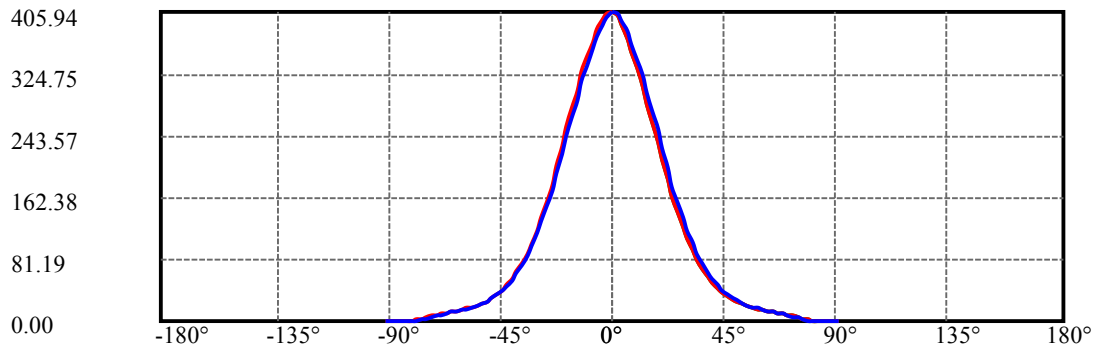
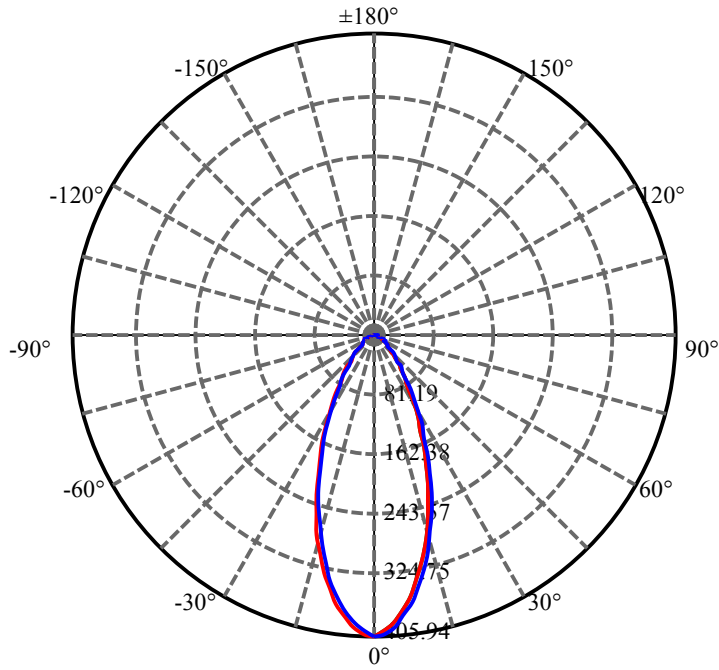
[C90/270]Total=87.9

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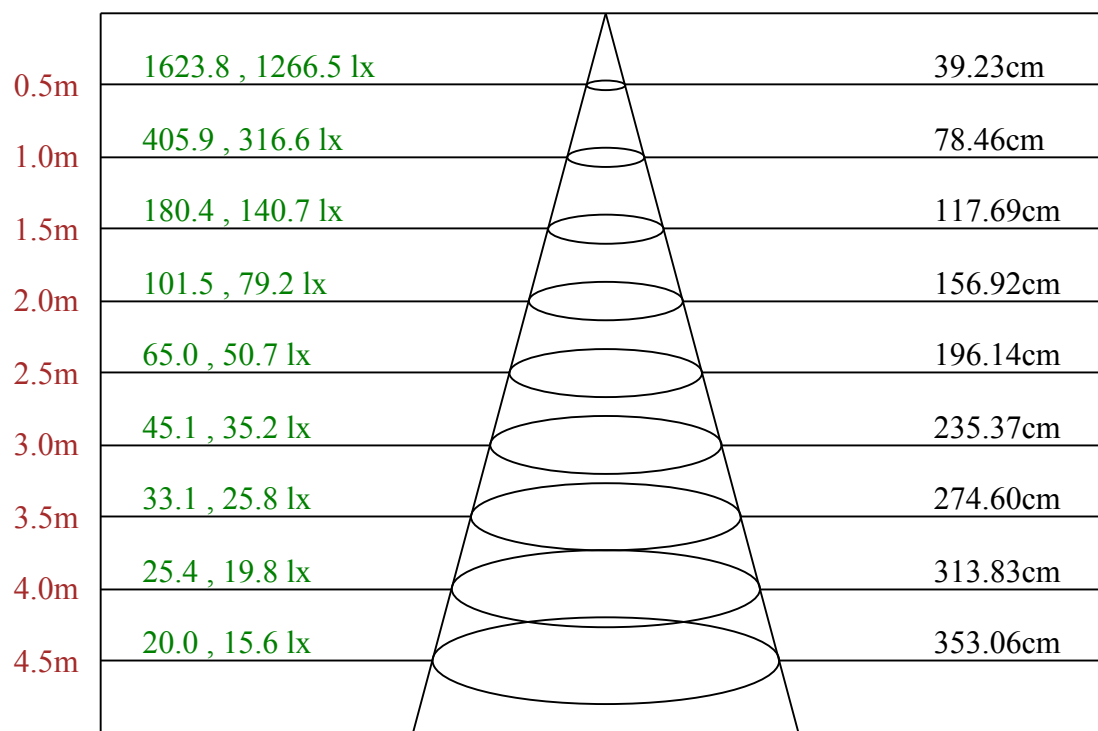
测试设备: GMS1800  
环境温度(°C): 25.0

测试日期: 2021/3/19  
环境湿度(%): 60.0%

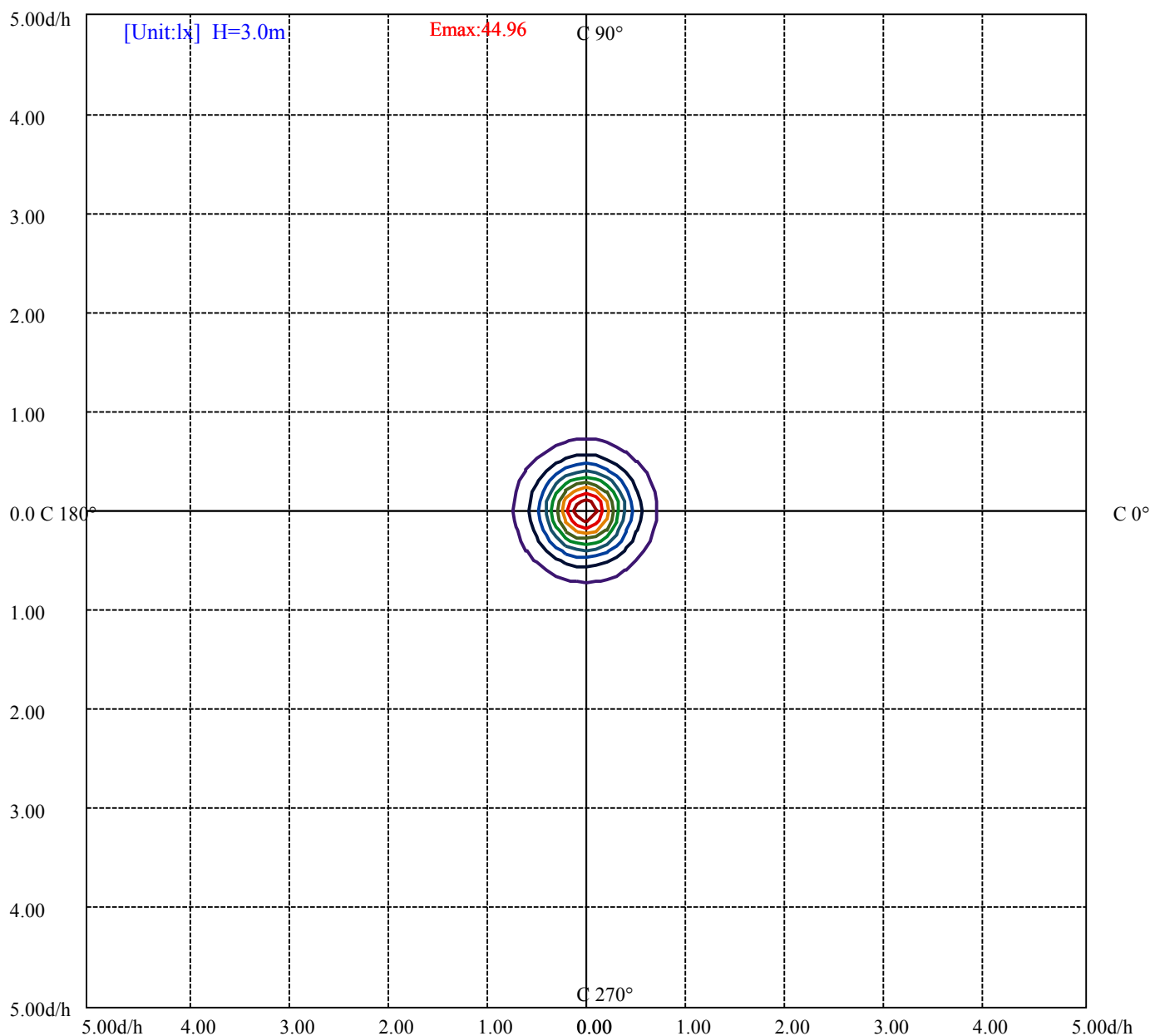
测试人员: anpeilou  
测试距离(m): 8.76



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



Max , Ave C0面光束角42.83



(10%Emax) 4.496389	—
(20%Emax) 8.992788	—
(30%Emax) 13.48922	—
(40%Emax) 17.98556	—
(50%Emax) 22.482	—
(60%Emax) 26.97833	—
(70%Emax) 31.47478	—
(80%Emax) 35.97111	—
(90%Emax) 40.46756	—

# ROLED 壁灯

## 灯具的亮度限制曲线(灯具无发光侧边)

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亮度值表

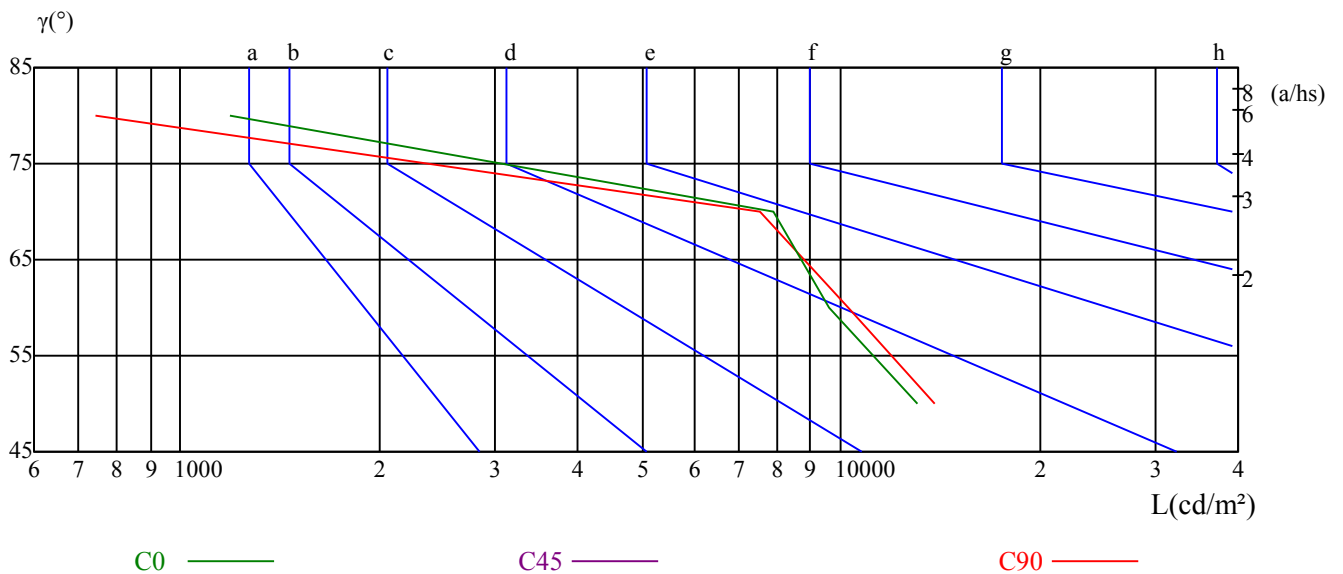
$\gamma$	45	50	55	60	65	70	75	80	85
C0	0	13037	0	9592	0	7916	0	1188	0
C45	0	0	0	0	0	0	0	0	0
C90	0	13920	0	10263	0	7539	0	742	0

L横(65)	L纵(65)	L45(65)	L横(75)	L纵(75)	L45(75)	L横(85)	L纵(85)	L45(85)
48872	33954	0	32678	23512	0	26923	30621	0

眩光等级表

眩光等级	质量等级	使用照度(lx)							
		a	b	c	d	e	f	g	h
1.15	A	2000	1000	500	$\leq 300$				
1.5	B		2000	1000	500	$\leq 300$			
1.85	C			2000	1000	500	$\leq 300$		
2.2	D				2000	1000	500	$\leq 300$	
2.55	E					2000	1000	500	$\leq 300$

亮度限制曲线



测试设备: GMS1800  
环境温度(°C): 25.0

测试日期: 2021/3/19  
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	21.53	22.70	21.89	23.02	23.33	21.45	22.63	21.82	22.94	23.26
	3H	22.73	23.77	23.11	24.10	24.47	22.82	23.86	23.20	24.19	24.56
	4H	22.91	23.88	23.31	24.23	24.61	23.11	24.07	23.51	24.43	24.81
	6H	22.88	23.77	23.30	24.14	24.54	23.11	24.00	23.53	24.37	24.77
	8H	22.84	23.68	23.27	24.07	24.48	23.07	23.91	23.50	24.30	24.71
	12H	22.80	23.60	23.23	23.98	24.41	23.03	23.83	23.46	24.21	24.64
4H	2H	21.98	22.95	22.39	23.30	23.69	21.92	22.89	22.33	23.24	23.63
	3H	23.33	24.12	23.75	24.53	24.93	23.46	24.25	23.87	24.65	25.06
	4H	23.55	24.26	23.99	24.68	25.13	23.79	24.50	24.23	24.92	25.37
	6H	23.55	24.15	24.01	24.60	25.07	23.82	24.42	24.28	24.87	25.34
	8H	23.50	24.06	23.97	24.51	24.98	23.77	24.33	24.24	24.78	25.25
	12H	23.45	23.95	23.94	24.43	24.91	23.72	24.21	24.21	24.70	25.18
8H	4H	23.61	24.17	24.08	24.62	25.09	23.82	24.39	24.30	24.84	25.31
	6H	23.60	24.06	24.11	24.55	25.04	23.85	24.31	24.36	24.81	25.29
	8H	23.56	23.96	24.09	24.48	24.98	23.81	24.21	24.34	24.73	25.23
	12H	24.31	24.66	24.83	25.16	25.74	24.52	24.87	25.04	25.37	25.94
12H	4H	23.56	24.05	24.05	24.54	25.01	23.78	24.27	24.26	24.75	25.23
	6H	23.99	23.96	24.09	24.43	24.98	24.24	24.21	24.34	24.68	25.22
	8H	23.53	23.88	24.05	24.38	24.96	23.78	24.13	24.30	24.63	25.20
对应照射距离，改变观察者位置S											
S = 1.0H	0.9/-1.1					0.8/-1.0					
S = 1.5H	2.1/-1.7					1.8/-1.6					
S = 2.0H	4.1/-2.1					3.7/-2.0					
标准表格	BK2					BK2					
更正系数	2.3					2.2					

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光强数据表(cd)

C/γ(°)	0.0	2.0	4.0	6.0	8.0	10.0	12.0	14.0	16.0
0.0	405.94	399.65	388.14	371.87	353.99	332.58	308.64	284.70	260.75
30.0	404.56	400.34	389.83	375.94	357.67	337.26	314.47	289.84	264.36
60.0	404.79	400.49	391.67	378.09	360.21	340.33	317.39	293.29	266.89
90.0	404.87	403.18	394.58	380.08	363.66	343.78	323.22	299.89	275.26
120.0	405.48	403.18	393.20	380.54	363.20	343.32	321.68	298.97	274.18
150.0	405.56	405.02	396.50	384.07	367.88	349.46	327.82	305.11	279.79
180.0	405.94	404.33	395.20	382.92	366.73	347.47	326.98	303.42	279.02
210.0	404.56	401.72	392.59	379.01	361.74	341.94	319.23	295.36	271.34
240.0	404.79	401.72	392.05	378.93	362.28	343.55	321.07	297.97	273.11
270.0	404.87	399.57	388.14	373.41	356.83	336.34	314.16	290.84	267.12
300.0	405.48	400.19	389.52	375.09	358.06	338.57	315.31	291.91	267.97
330.0	405.56	398.50	386.22	371.18	352.84	332.50	309.02	284.24	257.68
360.0	405.94	399.65	388.14	371.87	353.99	332.58	308.64	284.70	260.75
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	235.05	210.57	187.70	164.53	143.88	124.55	108.35	93.47	79.88
30.0	240.65	215.71	191.23	169.51	148.18	129.00	111.50	96.54	82.65
60.0	241.11	215.56	192.00	169.21	147.80	128.46	111.73	95.85	82.11
90.0	251.55	226.30	201.05	177.19	156.08	135.90	118.48	102.75	87.71
120.0	250.32	224.76	199.82	177.65	155.55	135.37	117.02	101.45	86.94
150.0	254.39	230.21	203.82	181.18	158.69	138.74	120.25	103.60	89.63
180.0	253.62	228.75	203.35	179.03	157.31	136.59	119.33	101.91	88.02
210.0	246.56	221.85	196.76	174.81	153.09	133.60	115.49	99.45	84.95
240.0	248.09	224.99	200.52	177.72	155.32	135.98	117.64	102.37	87.79
270.0	242.80	219.55	195.14	172.12	151.71	130.68	114.80	99.07	85.18
300.0	241.80	216.94	192.53	170.36	149.48	130.91	112.80	97.46	83.49
330.0	232.21	208.73	184.63	163.53	142.89	123.62	107.43	92.39	78.73
360.0	235.05	210.57	187.70	164.53	143.88	124.55	108.35	93.47	79.88
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	68.91	59.16	50.49	43.36	37.60	32.54	28.32	24.94	21.95
30.0	70.83	60.93	52.03	44.58	38.60	33.38	29.08	25.55	22.71
60.0	70.83	60.47	51.64	44.51	38.29	33.23	28.93	25.63	22.71
90.0	75.66	64.23	55.10	47.27	40.90	35.15	30.46	26.63	23.25
120.0	74.36	64.00	54.41	46.50	39.90	34.61	30.08	26.17	23.10
150.0	76.97	65.92	56.02	48.34	41.52	35.99	31.23	27.24	23.87
180.0	75.51	65.15	55.48	47.42	40.98	35.22	30.46	26.47	23.33
210.0	73.51	62.92	53.56	46.35	39.83	34.22	30.00	26.24	23.10
240.0	75.05	64.84	55.17	47.04	40.36	34.99	30.31	26.63	23.40
270.0	73.28	62.92	54.10	46.58	39.98	34.46	30.00	26.24	23.17
300.0	71.37	61.70	52.64	45.35	39.21	33.84	29.39	26.17	23.02
330.0	67.61	58.24	49.80	43.13	37.29	32.31	28.32	24.94	22.33
360.0	68.91	59.16	50.49	43.36	37.60	32.54	28.32	24.94	21.95
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	19.49	17.65	15.81	14.27	13.12	11.82	10.59	9.29	8.06
30.0	20.34	18.34	16.65	15.12	13.89	12.66	11.43	10.13	8.67
60.0	20.26	18.34	16.73	15.19	13.81	12.51	11.13	9.59	7.98
90.0	20.80	18.57	16.81	15.27	13.74	12.35	10.82	9.36	7.67
120.0	20.64	18.57	16.81	15.27	13.81	12.28	10.97	9.44	7.75
150.0	21.26	19.03	17.19	15.58	14.12	12.89	11.59	10.21	8.52
180.0	20.57	18.26	16.42	14.81	13.28	11.97	10.74	9.44	8.06
210.0	20.49	18.42	16.58	15.19	13.66	12.28	10.90	9.52	8.06
240.0	20.72	18.65	16.81	15.12	13.81	12.43	10.97	9.52	7.75
270.0	20.57	18.19	16.19	14.66	13.35	11.89	10.28	8.59	6.83
300.0	20.49	18.49	16.65	15.19	13.74	12.35	10.97	9.52	7.83
330.0	20.03	18.11	16.50	15.04	13.74	12.35	10.97	9.67	8.36
360.0	19.49	17.65	15.81	14.27	13.12	11.82	10.59	9.29	8.06

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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	6.52	4.91	3.45	1.84	0.61	0.23	0.23	0.08	0.00
30.0	6.75	4.91	3.22	2.38	1.07	0.69	0.54	0.46	0.54
60.0	6.22	4.53	2.92	1.46	0.69	0.54	0.38	0.31	0.31
90.0	5.91	4.37	2.69	0.77	0.38	0.38	0.23	0.15	0.00
120.0	6.06	4.45	2.84	1.30	0.54	0.54	0.38	0.31	0.15
150.0	6.75	4.83	3.15	2.30	1.07	0.46	0.38	0.23	0.31
180.0	6.52	4.83	3.22	1.84	0.61	0.15	0.15	0.08	0.00
210.0	6.60	5.06	3.61	1.84	0.61	0.54	0.46	0.54	0.46
240.0	6.29	4.60	3.07	2.07	1.00	0.84	0.84	0.77	0.77
270.0	4.99	3.22	2.38	1.23	0.61	0.46	0.38	0.23	0.15
300.0	6.22	4.60	3.22	2.15	1.23	1.07	1.07	1.07	1.15
330.0	6.91	5.45	3.91	2.00	1.00	0.84	0.84	0.84	0.92
360.0	6.52	4.91	3.45	1.84	0.61	0.23	0.23	0.08	0.00

C/γ(°)	90.0
0.0	0.00
30.0	0.38
60.0	0.15
90.0	0.00
120.0	0.00
150.0	0.31
180.0	0.00
210.0	0.38
240.0	0.54
270.0	0.08
300.0	1.15
330.0	1.00
360.0	0.00